

GENERAL
CATALOGUE

JANUARY

2020



www.mapei.com

MAPEI[®]

ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING

GENERAL
CATALOGUE JANUARY
2020



- 9 **1. SCREEDS AND SMOOTHING COMPOUNDS**
- 10 1.1 Screeds
- 11 1.2 Traditional screeds
- 11 1.3 Smoothing compounds
- 16 1.4 Products for levelling substrates
- 19 **2. PRODUCTS FOR SOUNDPROOFING**
- 25 **3. PRIMERS, BONDING PROMOTERS, CONSOLIDATING AND WATERPROOFING PRODUCTS**
- 37 **4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL**
- 38 4.1 Hydraulic binder based adhesives
- 44 4.2 Synthetic resin-based adhesives
- 44 4.3 Reactive adhesives
- 47 **5. GROUTS FOR CERAMIC TILES**
- 48 5.1 Cementitious grouts
- 49 5.2 Epoxy grouts
- 50 5.3 Ready-to-use paste products
- 53 **6. SYSTEMS FOR LAYING AND GROUTING ARCHITECTURAL STONE PAVING**
- 59 **7. ELASTIC SEALANTS AND ADHESIVES**
- 60 7.1 Acetic silicone sealants
- 61 7.2 Polyurethane sealants and adhesives
- 63 7.3 Neutral silicone sealants
- 64 7.4 Hybrid sealants and adhesives
- 64 7.5 Other sealants
- 67 7.6 Adhesives for PVC
- 67 7.7 Accessories and primers for sealants
- 71 7.8 Polyurethane foams
- 72 7.9 Accessories for foams
- 75 **8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS**
- 76 8.1 Adhesives for wooden and laminate floors
- 81 8.2 Paints, stuccos, oils, base coats and coloured sealants for parquet
- 89 **9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS**
- 90 9.1 Adhesives in water dispersion
- 98 9.2 Ancillary products for LVT
- 100 9.3 Reactive adhesives
- 103 9.4 Polychloroprenic and elastomeric contact adhesives
- 103 9.5 Powder adhesives
- 104 9.6 Cementitious adhesives
- 104 9.7 Adhesive strips
- 104 9.8 Adhesives for synthetic grass
- 109 **10. COMPLEMENTARY PRODUCTS FOR LAYING CERAMIC TILES, STONE MATERIAL, PARQUET, RESILIENT AND TEXTILE COVERINGS**
- 110 10.1 Complementary products for laying ceramic tiles and stone material
- 111 10.2 Complementary products for laying resilient and textile coverings
- 113 10.3 Accessories, abrasive disks and products for the maintenance of parquet
- 121 **11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS**
- 122 11.1 Resin based products
- 135 11.2 Cementitious based products
- 138 11.3 Complementary products for resin and cementitious floors
- 145 **12. PRODUCTS FOR REPAIRING ASPHALT AND HIGHWAY MAINTENANCE**

151	13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS
152	13.1 Consolidating various types of weak and crumbly substrates (porous stone, brickwork, tuff, installation mortar, render, etc.) by impregnating
153	13.2 Reconditioning and consolidating masonry with free-flowing mortar
153	13.3 Consolidating masonry and render by injecting slurry
154	13.4 Horizontal chemical barriers against capillary rising damp
155	13.5 De-humidifying masonry with binders and mortars for render
158	13.6 Lime based breathable renders
158	13.7 Structural even “reinforced” renders
159	13.8 Skimming of de-humidifying breathable and structural mortars
160	13.9 Brick, stone, tuff and mixed masonries
161	13.10 Waterproofing and protecting construction features
163	14. REPAIRING, CONSOLIDATING AND STRENGTHENING WOODEN STRUCTURES
167	15. ADHESIVES AND SMOOTHING COMPOUNDS FOR CELLULAR CONCRETE BLOCKS
171	16. PRODUCTS FOR THE RESTORATION OF CONCRETE
172	16.1 Protection of steel reinforcement rods
173	16.2 Repairs to concrete with compensated-shrinkage mortar and binders
183	17. WATER-REPELLENT PRODUCTS FOR THE PROTECTION OF CONCRETE
187	18. RENDERING AND INSTALLATION MORTARS
191	19. SMOOTHING AND PROTECTIVE PRODUCTS FOR CONCRETE AND RENDER SURFACES
199	20. PRODUCTS FOR ANCHORING AND RAPID FIXING
207	21. PRODUCTS FOR STRUCTURAL BONDING, SCREED REPAIRING AND INJECTING INTO CRACKED CONCRETE
211	22. PRODUCTS FOR GALVANIC CATHODIC PROTECTION
215	23. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING
231	24. PRODUCTS FOR THERMAL INSULATION
239	25. PRODUCTS FOR TREATING ASBESTOS CEMENT SLABS
243	26. WALL PROTECTIVE AND DECORATIVE COATINGS
259	27. WATERPROOFING SYSTEMS
260	27.1 Waterproofing structures below ground level
268	27.2 Waterproofing structures above ground level
279	27.3 Sealing and waterproofing joints and fillets
287	28. ADMIXTURES FOR CONCRETE
288	28.1 Admixtures for concrete
294	28.2 Admixtures for screeds
296	28.3 Form-release agents
297	28.4 Superficial curing compounds
297	28.5 Mapei Color Paving
301	29. AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY
302	29.1 Mortars for the building industry
304	29.2 Pre-blended mortars for the building industry
305	29.3 Concrete for the building industry
307	29.4 Screeds for the building industry
307	29.5 Service products
308	29.6 Damp aggregates for the building industry
309	29.7 Dry aggregates for the building industry

ALPHABETICAL INDEX

	PAGE		PAGE		PAGE
A		Dursilite Base Coat	247	Intomap Maxi Fibro	188
Additix P	268	Dursilite Gloss	247	Intomap R2	188
Additix PE	138	Dursilite Matt	247	Intomap R2 Fibro	189
Adesilex G19	100	Dursilite Plus	248	Isamite	270
Adesilex G19 Conductive	100	Dynamon SX	288	Isolastic	39
Adesilex G19 Fast	100				
Adesilex G19 FR Fast	101	E		K	
Adesilex G20	101	Eco Prim Grip	26	Kerabond	39
Adesilex G20 Fast	101	Eco Prim PU 1K	26	Kerabond Plus	40
Adesilex LC/R	76	Eco Prim PU 1K Turbo	26	Kerabond T	40
Adesilex LP	103	Eco Prim T	27	Keracolor FF	48
Adesilex MT32	90	Eco Prim T Plus	27	Keracolor GG	48
Adesilex P4	16/38	Eco Prim VG	27	Keracolor PPN	54
Adesilex P9	38	Elastocolor Net	248	Keracolor SF	48
Adesilex P9 Express	38	Elastocolor Paint	248	Keracrete	40
Adesilex P10	38	Elastocolor Paint Plus	248	Keraflex	40
Adesilex P22	44	Elastocolor Primer	249	Keraflex Easy S1	41
Adesilex PG1	208/216	Elastocolor Rasante	249	Keraflex Maxi S1	41
Adesilex PG1 Rapid	208/216	Elastocolor Rasante SF	249	Keraflex Maxi S1 Zero	41
Adesilex PG2	208/216	Elastocolor Tonachino Plus	249	Keralastic	44
Adesilex PG4	208/279	Elastocolor Waterproof	250	Keralastic T	45
Adesilex PVC	67	Elastorapid	39	Keranet	110
Adesilex PVC HP	67	Epojet	209/217	Kerapoxy	49
Adesilex V4	90	Epojet LV	209	Kerapoxy 4 LVT	98
Adesilex VS45	90	Eporip	27/209	Kerapoxy Adhesive	45
Adesilex VZ	103	Eporip SCR	28	Kerapoxy Cleaner	110
Adesivil D3	76	Eporip Turbo	28/209	Kerapoxy CQ	49
Antipluviol	244	Epoxy Speed	138	Kerapoxy Design	49
Antipluviol S	244	Expancrete Plus	288	Kerapoxy IEG	50
Antipluviol W	244	Expanfluid	288	Kerapoxy P	50
Aquacol T	90	EXTRABETON*	306	Keraquick Maxi S1	41
Aquaflex	268			Keraset	42
Aquaflex Roof	268	F			
Aquaflex Roof HR	268	Fiberplan	11	L	
Aquaflex Roof Plus	269	Fibres HPC	227/229	Lampocem	200
Aquaflex Roof Premium	269	FIBROmalta*	302	Lamposilex	260
		FIBROstabilitura*	302	Latex Plus	42
B		Fix & Grout Brick	44	Lignobond	76
BEtonFLuid*	305	Flexcolor	50	Livigum	28
Biblock	26	Flexcolor 4 LVT	98		
BIostabilitura*	302	FRANTUMATA*	308	M	
		Fuga Fresca	110	Malech	28/250
C		Fugolastic	48	Malta+ Fibro*	304
Cablejet	288			MaltaBASTARDA*	303
CALCESTRUZZO RCK30*	305	G		MaltaVISTA*	303
CALCESTRUZZO RCK40*	305	Glicovil Special	103	Mapeair AE1	289
Carboplate	216	Granirapid	39/104	Mapeair LA/P	290
Carbotube	217	Grassello di CALCE*	302	Mape-Antique Allettamento	160
Cleaner H	113	Gravel 0-8	10/173	Mape-Antique CC	155
Cleaner L	113	Gravel 0-15	173	Mape-Antique Colabile	153
Colorite Beton	244	Gravel 3-5	173	Mape-Antique Ecolastic	161
Colorite Matt	245	Gravel 6-10	173	Mape-Antique Eco Rasante Civile	159
Colorite Performance	245	Gravel - Bardiglio Grey (2-4 mm)	138	Mape-Antique Eco Rasante Grosso	159
Color Paving Admix	297	Gravel - Carrara White (2-4 mm)	139	Mape-Antique Eco Rinzafo	156
Color Paving Binder	298	Gravel - Ebony Black (2-4 mm)	139	Mape-Antique Eco Risana	156
Color Paving Pronto	298			Mape-Antique F21	153
Consolidante 8020	152	H		Mape-Antique FC Civile	159
Consolidante ETS	152	HR10 Fibro*	303	Mape-Antique FC Grosso	159
Consolidante ETS WR	152	HR15*	303	Mape-Antique FC Ultrafine	160
Copper Band	138			Mape-Antique I	153
		I		Mape-Antique I-15	153
D		Idrocrete DM	289	Mape-Antique Intonaco NHL	158
DMA 1000	296	Idrocrete KR 1000	289	Mape-Antique LC	156
DMA 2000	296	Idrocrete S	289	Mape-Antique MC	156
Drain Front	269	Idrosilex	260	Mape-Antique MC Macchina	157
Drain Vertical/Drain Lateral	269	Idrostop	279	Mape-Antique Rinzafo	157
Dreno*	306	Idrostop B25	280	Mape-Antique Strutturale NHL	158/160
Duresil EB	245	Idrostop Mastic	280	Mape-Asphalt Repair 0/8	146
Dursilac Base Filler	245	Idrostop PVC BE	280	Mapeband	281
Dursilac Gloss	246	Idrostop PVC BI	280	Mapeband Easy	281
Dursilac Matt	246	Idrostop Soft	281	Mapeband Flex Roll	281
Dursilac No Rust	246	Injectors Ø 23	217	Mapeband PE 120	282
Dursilac Satin	246	INTO+*	304	Mapeband SA	282
Dursilite	247	INTO+ Fibro*	304	Mapeband SA	282
		Intomap Allettamento	188	Mapeband TPE	282
		Intomap Allettamento H	188		

	PAGE		PAGE		PAGE
Mapecem	10	Mapeflex MS 45	64	MapegROUT Fast-Set	176
Mapecem Pronto	10	Mapeflex MS Crystal	64	MapegROUT FMR	176
Mapecoat 4 LVT	98	Mapeflex PU35 CR	61	MapegROUT FMR-PP	176
Mapecoat ACT 021	250	Mapeflex PU 40	61/283	MapegROUT GF Betoncino B1	176
Mapecoat ACT 196	250	Mapeflex PU 45 FT	62/283	MapegROUT Hi-Flow	177
Mapecoat Decor Protection	111	Mapeflex PU50 SL	62/283	MapegROUT Hi-Flow B2	177
Mapecoat DW 25	122/251	Mapeflex PU 65	62	MapegROUT Hi-Flow GF	177
Mapecoat Filler	270	Mapeflex PU 70 NS	62	MapegROUT Hi-Flow TI 20	147/177
Mapecoat I 24	122	Mapeflex PU 70 SL	63	MapegROUT LM2K	178
Mapecoat I 62 W	122	Mapecoat Binder 930	125	MapegROUT SV	147/178
Mapecoat I 600 W	29/122	Mapecoat Cleaner ED	140	MapegROUT SV Fiber	147/178
Mapecoat I 600 W Lucido	29/123	Mapecoat CPU/COVE	125	MapegROUT SV T	147/178
Mapecoat I 620 W	123	Mapecoat CPU/HD	125	MapegROUT T40	179
Mapecoat I 650 WT	123	Mapecoat CPU/MF	126	MapegROUT T60	179
Mapecoat PU 20 N	270	Mapecoat CPU/NZ	126	MapegROUT Thixotropic	179
Mapecoat PU 25	270	Mapecoat CPU/RT	126	Mapeguard IC/Mapeguard EC	284
Mapecoat TC	271	Mapecoat CPU/TC	126	Mapeguard PC	284
Mapecoat Universal	123	Mapecoat Decor 700	127	Mapeguard ST	284
Mapecoat W	251	Mapecoat EP19	127	Mapeguard UM 35	110
Mapecoat Wet & Dry R11	112	Mapecoat EP 90	146	Mapeguard WP 200	271
Mapecolor CPU	124	Mapecoat Filler	140	Mapeguard WP Adhesive	271
Mapecolor Paste	124	Mapecoat Finish 50 N	127	Mapegum EPX/Mapegum EPX-T	271
Mapecolor Pigment	298	Mapecoat Finish 52 W	127	Mapegum WPS	272
Mapecomfort FL	139	Mapecoat Finish 53 W/L	128	Mapei Gun 310	67
Mapecontact	104	Mapecoat Finish 54 W/S	128	Mapei Gun 310 PRO	68
Mapecrete Creme Protection	124	Mapecoat Finish 55	128	Mapei Gun 420 2K	68
Mapecrete Drain P	290	Mapecoat Finish 58 W	128	Mapei Gun 585 2K	68
Mapecrete Fast Protection	298	Mapecoat Finish 415	129	Mapei Gun 600 PRO	68
Mapecrete LI Hardener	124	Mapecoat Finish 451	129	Mapei Gun 825 2K	69
Mapecrete Mineral Neutral	299	Mapecoat Finish 630	129	Mapei Spray Mop	113
Mapecrete Stain Protection	125	Mapecoat I 300 SL	129	Mapei Steel Bar 304	219
Mapecryl Eco	91	Mapecoat I 300 SL TRP	130	Mapei Steel Bar 316	219
Mapecure E	297	Mapecoat I 306 CR	130	Mapei Steel Dry 316	219
Mapecure S	297	Mapecoat I 309 CR	130	Mapei Waterproofer	260
Mapecure SRA	174/290	Mapecoat I 320 SL CONCEPT	130	Mapejoint 100/25	141
Mapecure WG	297	Mapecoat I 350 SL	131	Mapelastic	272
Mapecure C	290	Mapecoat I 360 AS	131	Mapelastic AquaDefense	272
Mapecure CF/L and Mapecure CF/P	291	Mapecoat I 390 EDF	131	Mapelastic Foundation	261
Mapecure	172	Mapecoat I 500 W	131	Mapelastic Guard	192
Mapecure 1K	172	Mapecoat I 900	132	Mapelastic Smart	272
Mapecure Glass HP	139	Mapecoat I 910	132	Mapelastic Turbo	273
Mapecure NS12/NS18	291	Mapecoat I 914	132	Mapelay	112
Mapecure Screed 24	291	Mapecoat JA	132	Mapelectric CP1	112
Mapecure ST30/ST42	11/292	Mapecoat Maintenance Kit	140	Mapelux Lucida	141
Mapecure ST 50 Twisted	291	Mapecoat Pore Filler	133	Mapelux Opaca	141
Mapecure	200	Mapecoat PU 400 LV	133	Mapenet 150	273
Mapecure MF 610	174/200	Mapecoat PU 410	133	Mapenet EM 30	220
Mapecure R	200	Mapecoat PU 460	133	Mapenet EM 40	220
Mapecure Finish	192	Mapecoat PU 461	134	Mapenet EM Connector	220
Mapecure Combibox VE SF Kit	201	Mapecoat Wax Remover	140	Mapecure PZ300	293
Mapecure EP 385/585	201	Mapecure N200	292	Mapecure SF	293
Mapecure EP 470 Seismic	201	Mapecure PZ500	292	Mapecure UW	293
Mapecure EP Mixer	201	Mapecure PZ504	292	Mapecureproof	261
Mapecure Metal Sleeve	202	Mapecure R104	293	Mapecureproof BA Tape	261
Mapecure PE + VE Mixer	202	Mapecurefoam	67/283	Mapecureproof CD	261
Mapecure PE SF	202	Mapecureform 1500	296	Mapecureproof FBT	262
Mapecure PE Wall	202	Mapecureform Eco Oil	296	Mapecureproof FBT Tape	262
Mapecure Plastic Sleeve	203	Mapecuregel 50	260	Mapecureproof Fix Tape	262
Mapecure PolyBond	203	Mapecureglitter	50	Mapecureproof LW	262
Mapecure UM-H 420	203	Mapecuregrid B 250	217	Mapecureproof Mastic	263
Mapecure VE SF	203	Mapecuregrid B 300	218	Mapecureproof Primer	30
Mapecure VinyBond	204	Mapecuregrid B 400	218	Mapecureproof SA Tape	263
Mapecure AC3	64	Mapecuregrid C 170	218	Mapecureproof Seal	263
Mapecure AC4	65	Mapecuregrid G 120	218	Mapecureproof SW	263
Mapecure AC-FR 2	65	Mapecuregrid G 220	219	Mapecureproof Swell	264
Mapecure AC-P	65	Mapecuregrout 430	174	MapecurePUR All in One Foam	71
Mapecure Blackfill	65	Mapecuregrout Anchor & Repair	174/204	MapecurePUR Cleaner	71
Mapecure E-PU 21 SL	61	Mapecuregrout Betontech HPC	146/175	MapecurePUR Dispenser M	72
Mapecure E-PU 30 NS	61/282	Mapecuregrout Betontech HPC10	146/175	MapecurePUR Easy Spray	72
Mapecure Firestop 1200°C	66	Mapecuregrout BM	175	MapecurePUR Fire Foam M	71
Mapecure MS 40	64	Mapecuregrout Easy Repair	175		

	PAGE		PAGE		PAGE
MapePUR Gun Special	73	Mapetherm FIX B	234	Planiseal WR 40	184
MapePUR Gun Standard	73	Mapetherm Flex RP	234	Planiseal WR 85 Gel	184
MapePUR Multi Adhesive Foam G	71	Mapetherm M. Wool	235	Planiseal WR 100	184
MapePUR Roof Foam G	72	Mapetherm Net	235	Planitop 100	193
MapePUR Roof Foam M	72	Mapetherm Profil	235	Planitop 200	193
MapePUR Universal Foam G	72	Mapetherm Profil Ba	235	Planitop 207	193
MapePUR Universal Foam M	72	Mapetherm Profil E	236	Planitop 210	193
Maperod C	220	Mapetherm Profil V	236	Planitop 217	194
Maperod G	221	Mapetherm Profil W	236	Planitop 400	180
Mapescreed 720	295	Mapetherm Tile Fix 15	111	Planitop 510	194
Mapescreed Advance HR	294	Mapetiles Removable System	111	Planitop 517	194
Mapescreed Advance MR	294	Mapetop N AR6	135	Planitop 525	194
Mapescreed Finish	295	Mapetop S AR3	136	Planitop 530	195
Mapescreed HF GEL	295	MapeWall Inject & Consolidate	154	Planitop 540	195
Mapescreed Slowset	295	MapeWall Intonaco Base	158	Planitop 560	195
Mapeshield E 25	172/212	MapeWall Muratura Fine	161	Planitop 565	195
Mapeshield I	172/212	MapeWall Muratura Grosso	161	Planitop 600 RasaGesso	196
Mapeshield S	212	MapeWall Render & Strengthen	158/161	Planitop 610 RasaGesso M	196
Mapesil 300°C	60	Mapewash PO	299	Planitop Fast 330	17/196
Mapesil AC	60/284	Mapewash Protex	299	Planitop Fine Finish	196
Mapesil BM	63	Mapewood Gel 120	164	Planitop HDM Maxi	226
Mapesilent Band R	20	Mapewood Paste 140	164	Planitop HDM Restaura	226
Mapesilent Comfort	20	Mapewood Primer 100	164	Planitop HPC	227
Mapesilent Panel	20	MapeWrap 11	221	Planitop HPC Floor	227
Mapesilent Roll	20	MapeWrap 12	221	Planitop HPC Floor 46	227
Mapesilent Tape	21	MapeWrap 21	221	Planitop HPC Floor 46 T	228
Mapesil GP	63	MapeWrap 31	222	Planitop HPC Floor T	228
Mapesil LM	63	MapeWrap 31 T	222	Planitop HPC LV	228
Mapesil U	60	MapeWrap B FIOCCO	222	Planitop HPC Tixo	229
Mapesil Z Plus	60	MapeWrap B UNI-AX	222	Planitop Intonaco Armato	229
MapeSlope	273	MapeWrap C BI-AX	223	Planitop Raso Max	197
Mapesonic CR	21	Mapewrap C Connector	223	Planitop Smooth & Repair	180
Mapesonic GD 4 LVT	21/99	MapeWrap C FIOCCO	223	Planitop Smooth & Repair R4	180
Mapesonic SA 4 LVT	21/99	MapeWrap C QUADRI-AX	223	Planitop Superfine	197
Mapesonic Strip	22	MapeWrap C UNI-AX	224	Planipur	14
Mapestone Joint	54	MapeWrap C UNI-AX HM	224	Plastimul	265
Mapestone Joint Cleaner	54	MapeWrap EQ Adhesive	224	Plastimul 1K Super Plus	266
Mapestone PFS 2	54	MapeWrap EQ Net	224	Plastimul 2K Plus	266
Mapestone PFS 2 Visco	55	MapeWrap G FIOCCO	225	Plastimul 2K Reactive	266
Mapestone PFS PCC 2	55	MapeWrap G UNI-AX	225	Plastimul 2K Super	266
Mapestone Scraper	55	MapeWrap Primer 1	225	Plastimul C	267
Mapestone TFB 60	55	MapeWrap S Fabric 650	225	Plastimul Primer	267
Mapestone TFB Cube	56	MapeWrap S Fabric 2000	226	Plastimul Primer SB	267
Mapestop	154	MapeWrap SG FIOCCO	226	Porocol	168
Mapestop Cream	154	MB1 Pavicalce*	307	Porocol FF	168
Mapestop Cream Tool 280	154	MISTA*	308	PoroMap Deumidificante	157
Mapestop Cream Tool 600	155	Monofinish	192	PoroMap Finitura	160
Mapestop Injectors	155	Monolastic	274	PoroMap Rinzafluo Plus	157
Mapestop Kit Diffusion	155			Primer 3296	29/152
Mapetape	285	N NERO+*	307	Primer A	69
Mapetard	294	Nivoplan	16/192	Primer BI	30/274
Mapetard ES	179	Nivorapid	11	Primer EP	30/69
Mapetex 50	273	Novoplan Maxi	12	Primer EP4 Fast	275
Mapetex FG	274			Primer EP 100W	275
Mapetex Sel	274	P Pianoceem M	12	Primer EP Rustop	30/134
Mapetex System	111	Pianodur R	12	Primer FD	69
Mapethene HT	264	Planex HR	12	Primer for Aquaflex	275
Mapethene LT	264	Planex HR Maxi	13	Primer G	31
Mapethene Primer	264	Planibond BA 100	204	Primer G Conductive	31/112
Mapethene Primer W	265	Planicrete	29/294	Primer Grip White	134
Mapetherm AR1	232	Planigrout 300	204	Primer KL	31
Mapetherm AR1 GG	232	Planigrout 310	205	Primer LT	134
Mapetherm AR1 Light	232	Planipatch	13	Primer M	31/70
Mapetherm AR1 Maxi	232	Planipatch Fast Track	13	Primer MF	32/70
Mapetherm Ba	233	Planiprep 4 LVT	13/99	Primer MF EC Plus	32
Mapetherm Cork	233	Planiprep Contract	14	Primer P	32/70
Mapetherm Driprose Bead	233	Planiprep Fast Track	14	Primer P1	32/275
Mapetherm EPS	233	Planiprep Remove 4 LVT	14/99	Primer P2	33/276
Mapetherm FIX	234	Planiseal 88	265	Primer P3	33/276
Mapetherm FIX 9	234	Planiseal 288	265	Primer PU60	33/70

	PAGE		PAGE		PAGE
Primer PU Fast	276	Triblock P	35	Ultracoat Binder	81
Primer RM	148	TurboMASS*	307	Ultracoat Cleaner	114
Primer S	33			Ultracoat Easy	82
Primer SN	34/135	U Ultrabond 333	91	Ultracoat Easy Plus	82
Primer SN Rasante	135	Ultrabond Eco 4 LVT	91	Ultracoat EL	82
Primer W-AS	135	Ultrabond Eco 185	92	Ultracoat Filler S1	82
Prosfas	34	Ultrabond Eco 350	92	Ultracoat Hard Oil Fast	83
PU Catalyst	141	Ultrabond Eco 375	92	Ultracoat Hard Oil Hardener	83
Pulicol 2000	113	Ultrabond Eco 380	92	Ultracoat HT 2K	83
Purtop 400 M	276	Ultrabond Eco 520	93	Ultracoat HT A-S	83
Purtop 600	277	Ultrabond Eco 530	93	Ultracoat HT Sport	84
Purtop 1000	277	Ultrabond Eco 540	93	Ultracoat MT 2K	84
Purtop ADY	277	Ultrabond Eco 571 2K	101	Ultracoat Oil Care Plus	84
Purtop Easy	277	Ultrabond Eco 575	76/93	Ultracoat Oil Pad	114
Purtop Easy DW	278	Ultrabond Eco Contact	103	Ultracoat Oil Wax	84
Purtop Easy T	278	Ultrabond Eco Decor Dry	94	Ultracoat Pad	114
Purtop Easy T Primer	278	Ultrabond Eco Decor Wet	102	Ultracoat Pad Special Stripper	115
Purtop FR	278	Ultrabond Eco Fast Track	94	Ultracoat Polish A-S	115
Purtop HA	279	Ultrabond Eco Fix	94	Ultracoat Polish H-T	115
Purtop Primer Black	279	Ultrabond Eco MS 4 LVT	102	Ultracoat Premium Base	85
		Ultrabond Eco MS 4 LVT Wall	102	Ultracoat Remover Plus	115
Q Quartz 0.5	142	Ultrabond Eco P909 2K	77	Ultracoat Roller Base Sport	116
Quartz 0.9	142	Ultrabond Eco P909 2K Fast	77	Ultracoat Roller Finish Sport	116
Quartz 0.25	142	Ultrabond Eco P909 2K Plus	77	Ultracoat Roller MT8	116
Quartz 1.2	34/142	Ultrabond Eco PU 2K	45	Ultracoat Roller MT Sport	116
Quartz 1.9	143	Ultrabond Eco S940 1K	77	Ultracoat Roller T3	117
Quarzolite Base Coat	251	Ultrabond Eco S948 1K	78	Ultracoat Roller T5	117
Quarzolite HF Plus	251	Ultrabond Eco S955 1K	78	Ultracoat Roller T10	117
Quarzolite Paint	252	Ultrabond Eco S958 1K	78	Ultracoat Soft Touch Base	85
Quarzolite Tonachino	252	Ultrabond Eco S968 1K	78	Ultracoat Soft Touch Finish	85
Quarzolite Tonachino Plus	252	Ultrabond Eco S1000 1K	102	Ultracoat Solvent Base	85
		Ultrabond Eco S Lite	79	Ultracoat Sport Color	86
R RASA+*	305	Ultrabond Eco S Plus	79	Ultracoat Sport Color Hardener	86
Resfoam 1K-M	267	Ultrabond Eco Tack	94	Ultracoat SPR	117
Rete 320	143	Ultrabond Eco Tack 4 LVT	95	Ultracoat Steel Spatula	118
Rollcoll	91	Ultrabond Eco Tack TX+	95	Ultracoat Toning Base	86
		Ultrabond Eco TX1	95	Ultracoat Top Deck Cleaner	86
S SabbiaCEMENTO*	307	Ultrabond Eco TX2	95	Ultracoat Top Deck Oil	87
SABBIASAL*	308	Ultrabond Eco TX3	96	Ultracoat Universal Base	87
SAETTA*	306	Ultrabond Eco V4 Evolution	96	Ultracolor Plus	49
Silancolor AC Paint	252	Ultrabond Eco V4SP	96	Ultralite Flex	42
Silancolor AC Paint Plus	253	Ultrabond Eco V4SP Conductive	96	Ultralite S1	43
Silancolor AC Tonachino	253	Ultrabond Eco V4SP Fiber	97	Ultralite S1 Quick	43
Silancolor AC Tonachino Plus	253	Ultrabond Eco VS30	97	Ultralite S2	43
Silancolor Base Coat	253	Ultrabond Eco VS90 Plus	97	Ultralite S2 Quick	43
Silancolor Base Coat Plus	254	Ultrabond MS Rapid	66/285	Ultramastic III	44
Silancolor Cleaner Plus	254	Ultrabond P902 2K	79	Ultraplan	15
Silancolor Paint	254	Ultrabond P913 2K	79	Ultraplan Contract	15
Silancolor Paint Plus	254	Ultrabond P980 1K	80	Ultraplan Eco	15
Silancolor Primer	255	Ultrabond P990 1K	80	Ultraplan Fast Track	15
Silancolor Primer Plus	255	Ultrabond P-R9	114	Ultraplan Maxi	16
Silancolor Tonachino	255	Ultrabond PU Strong	66	Ultraplan Renovation	16
Silancolor Tonachino Plus	255	Ultrabond S965 1K	80	Ultratop	136
Silexcolor Base Coat	256	Ultrabond S997 1K	80	Ultratop Base Coat	136
Silexcolor Marmorino	256	Ultrabond Super Grip	66/97	Ultratop Easycolor	136
Silexcolor Paint	256	Ultrabond Turf 2 Stars	104	Ultratop Living	137
Silexcolor Primer	256	Ultrabond Turf 2 Stars Pro	104	Ultratop Loft F	137
Silexcolor Tonachino	257	Ultrabond Turf 2 Stars W	105	Ultratop Loft W	137
Silwood	81	Ultrabond Turf LS	105	Ultratop Stucco	137
Spacers 4 LVT	100	Ultrabond Turf PU 1K	105		
Spindle for Mapei Steel Dry	229	Ultrabond Turf PU 1K LC	105	V VAGAAlighTher*	304
Stabilcem	180	Ultrabond Turf PU 2K	106	VAGAQUARZ*	306
		Ultrabond Turf PU 2K	106	VAGASAL*	308
T Thinner for adhesives	34	Ultrabond Turf Repair	106	VAGLIATA*	309
Thinner PU	35	Ultrabond Turf Tape 100	106	VAGLIATA Super*	309
TICINO*	309	Ultrabond Turf Tape 300	106	VG03S*	309
Tixobond White	42	Ultrabond Turf Tape Pro	107	VG15*	310
Topcem	10	Ultrabond TX57	98	VG16SS*	310
Topcem Pronto	11	Ultracoat Aqua Plus	81	VG17FS*	310
Triblock Finish	197	Ultracoat Base One	81	Vinavil 03V	240



SCREEDS AND SMOOTHING COMPOUNDS

1. SCREEDS AND SMOOTHING COMPOUNDS

1.1 Screeds



Mapecem

Special binder for quick-setting and drying (24 hours), shrinkage-compensated screeds.



TECHNICAL DATA:

Recommended mixing ratio: 350-450 kg of MAPECEM for 1 m³ of aggregates (diameter from 0 to 8 mm) and with 80-160 kg of water according to the moisture content of the aggregates.

Workability time: 20-30 minutes.

Set to light foot traffic: after 2-3 hours.

Waiting time before laying:

- 3 hours for ceramic tiles and stone material;
- 24 hours for resilient and wood coverings.

Residual humidity after 24 hours: less than 2%.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: tapping and flattening with a straight edge.

Consumption: 3.5-4.5 kg/m² per cm of thickness.

Packaging: 20 kg bags.



Gravel 0-8

Blend of aggregates for MAPECEM, assorted grain size from 0 to 8 mm.

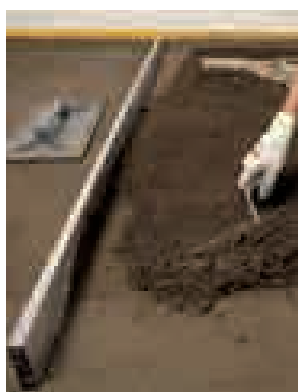


TECHNICAL DATA:

Size of aggregate: assorted grain size from 0 to 8 mm.

Consumption: 1.6 kg/m² per mm of thickness.

Packaging: 20 kg bags.



Mapecem Pronto

Pre-blended, ready-to-use mortar for quick-setting and drying (24 hours), shrinkage-compensated screeds.



TECHNICAL DATA:

Mixing ratio: 1 25 kg bags of MAPECEM PRONTO with approximately 2.2 litres of water.

Workability time: 20-30 minutes.

Set to light foot traffic: after 2-3 hours.

Waiting time before laying:

- 3 hours for ceramic tiles and stone material;
- 24 hours for resilient and wood coverings.

Residual humidity after 24 h.: less than 2%.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: tapping and flattening with a straight edge.

Consumption: 20 kg/m² per cm of thickness.

Packaging: 25 kg bags.



Topcem

Special binder for normal-setting, quick-drying (4 days), shrinkage-compensated hydraulic screeds.



TECHNICAL DATA:

Recommended mixing ratio: 200-250 kg of TOPCEM with 1 m³ of aggregates (diameter from 0 to 8 mm) and 120-140 kg of water for dry aggregates.

Workability time: 40-60 minutes.

Set to light foot traffic: after 12 hours.

Waiting time before laying: 24 hours for ceramic tiles, 2 days for natural stone and 4 days for resilient and wood coverings.

Residual humidity after 4 days: less than 2%.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: tapping and flattening with a straight edge.

Consumption: 2-2.5 kg/m² per cm of thickness.

Packaging: 20 kg bags.



Topcem Pronto

Ready-to-use, ready mixed, shrinkage compensated, mortar with high thermal conductivity for quick-drying screeds.



TECHNICAL DATA:

Mixing ratio: 1 25 kg bags of TOPCEM PRONTO with 1.7 litres of water.
Workability time: 40-60 minutes.
Set to light foot traffic: after 12 hours.
Waiting time before laying: 24 hours for ceramic tiles, 2 days for natural stone and 4 days for resilient and wood coverings.
Residual humidity after 4 days: less than 2%.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: tapping and flattening with a straight edge.
Consumption: 18-20 kg/m² per cm of thickness according to the compaction degree.
Thermal efficiency: λ = 2,008 W/mK.
Packaging: 25 kg bags.

1.2 Traditional screeds



Mapefibre ST30/ST42

Structural polymer fibres for concrete and cementitious screeds. May be used to completely or partially replace conventional reinforcement. Available fibre length: 30 and 42 mm.

TECHNICAL DATA:

Dosage: from 1 to 7 kg per cubic metre of mix.
Packaging: 6 kg polyethylene bags.

1.3 Smoothing compounds



Fiberplan

Self-levelling, fibre-reinforced, ultra rapid hardening smoothing compound for thicknesses from 3 to 10 mm. Particularly recommended for wooden substrates.



TECHNICAL DATA:

Where to use: internal ceramic, natural stone floors, resilient and wooden coverings.
Workability time: 20-30 minutes.
Thickness applied: from 3 to 10 mm.
Set to light foot traffic: approx. 3 hours.
Waiting time before laying: 3 hours for stable and not sensitive to moisture ceramic tiles and natural stone, 12 hours for resilient and wood coverings.
Colour: pinkish grey.
Application: trowel or rake.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Nivorapid

Quick-drying, thixotropic, cementitious smoothing compound for thicknesses from 1 to 20 mm, including on vertical surfaces. Ideal for localised repair works.



TECHNICAL DATA:

Where to use: internal floors and walls for ceramic, natural stone, resilient and wooden floorings.
Workability time: 15 minutes.
Thickness applied: from 1 to 20 mm.
Set to light foot traffic: approx. 2 hours.
Waiting time before laying: 4-6 hours for ceramic tiles and natural stone, 6-12 hours for parquet and resilient floorings.
Colour: grey.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: metal trowel.
Consumption: 1.6 kg/m² per mm of thickness.
Packaging: 25 kg bags.

1. SCREEDS AND SMOOTHING COMPOUNDS



Novoplan Maxi

Rapid-hardening, fibre-reinforced, free-flowing cementitious levelling mortar with high thermal efficiency applied in layers from 3 to 40 mm thick, specifically designed for underfloor heating/cooling systems.



TECHNICAL DATA:

Where to use: covering compact, under-floor heating/cooling systems and levelling off all types of existing heated floors.

Workability time: 30-40 minutes.

Thickness applied per coat: from 3 to 40 mm.

Set to light foot traffic: 3 hours.

Waiting time before bonding flooring: ceramic and natural stone flooring not sensitive to damp 12-24 h; flooring sensitive to damp 2 days per cm of thickness applied.

Application: trowel, rake, levelling bar or pump.

EMICODE: EC1 Plus - very low emission.

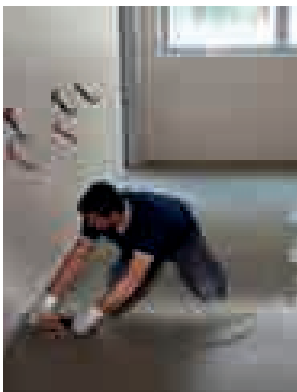
Mixing ratio: 16-18 parts of water per 100 parts by weight of NOVOPLAN MAXI.

Consumption: 1.8 kg/m² per mm of thickness.

Thermal efficiency: $\lambda = 1,727$ W/mK.

Storage: 12 months.

Packaging: 25 kg bags.



Pianocem M

Thixotropic cementitious smoothing compound for thicknesses from 1 to 5 mm, including on vertical surfaces.



TECHNICAL DATA:

Where to use: internal floors and walls for resilient coverings.

Workability time: 4 hours.

Thickness applied: from 1 to 5 mm.

Set to light foot traffic: from 4 to 24 hours depending on the surrounding temperature.

Waiting time before laying: 1-3 days for resilient coverings.

Colour: grey.

Storage: 12 months.

Application: trowel.

Consumption: 1.4 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Pianodur R

Fine-grained, ultra quick-setting self-levelling smoothing compound for thicknesses up to 3 mm per coat, suitable for floors subject to intense traffic.



TECHNICAL DATA:

Where to use: internal floors for resilient coverings.

Workability time: 20-30 minutes.

Thickness applied: up to 3 mm.

Set to light foot traffic: 3 hours.

Waiting time before laying: 12 hours for resilient coverings.

EMICODE: EC1 Plus - very low emission.

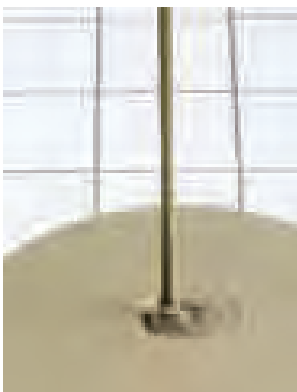
Colour: grey.

Storage: 12 months.

Application: trowel or rake.

Consumption: 1.5 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planex HR

Rapid-drying, moisture-resistant, self-levelling smoothing compound for layers 1 to 10 mm thick. Also suitable for smoothing off internal surfaces; smoothing off internal substrates before bonding non-welded resilient floor tiles with reactive adhesives in areas that need to be washed or rinsed frequently; smoothing over concrete substrates with rising damp before placing PVC uncoupling sheets (such as MAPELAY).



TECHNICAL DATA:

Where to use: internal and external floors and walls for ceramic, natural stone, resilient and wooden coverings.

Workability time: 20-30 minutes.

Thickness applied: from 0 to 10 mm.

Set to light foot traffic: approx. 3 hours.

Waiting time before laying: 24-48 hours for ceramic tiles and natural stone, 12 hours for resilient coverings.

EMICODE: EC1 Plus - very low emission.

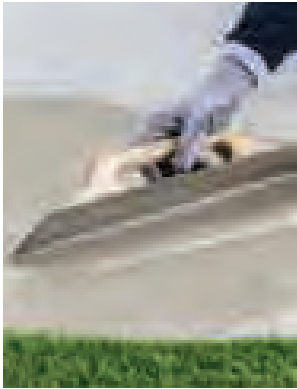
Colour: grey.

Storage: 12 months.

Application: rake, trowel or pump.

Consumption: 1.7 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planex HR Maxi

Rapid-drying, moisture-resistant, selflevelling smoothing compound for layers 2 to 20 mm thick. Also suitable for smoothing off internal surfaces; smoothing off internal substrates before bonding non-welded resilient floor tiles with reactive adhesives in areas that need to be washed or rinsed frequently; smoothing over concrete substrates with rising damp before placing PVC uncoupling sheets (such as MAPELAY).



TECHNICAL DATA:

Where to use: internal and external floors and walls for ceramic, natural stone, resilient and wooden coverings.
Workability time: 20-30 minutes.
Thickness applied: from 2 to 20 mm.
Set to light foot traffic: approx. 3 hours.
Waiting time before laying: 24-72 hours for ceramic tiles and natural stone, 12 hours for resilient coverings.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Application: rake, trowel or pump.
Consumption: 1.7 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planipatch

Fine-grained, ultra quick-drying, thixotropic cementitious smoothing compound for thicknesses from 0 to 10 mm, including on vertical surfaces.



TECHNICAL DATA:

Where to use: internal floors and walls for ceramic, natural stone, resilient and wooden coverings.
Workability time: approx. 10 minutes.
Thickness applied: from 0 to 10 mm.
Set to light foot traffic: approx. 2 hours.
Waiting time before laying: 4-6 hours for ceramic tiles and natural stone, 12 hours for resilient coverings.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Application: trowel.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 25 kg bags.

www.blauer-engel.de/uz113



Planipatch Fast Track

Fine-grained, ultra quick-drying, thixotropic smoothing compound for:
– repairs up to 25 mm;
– laying of resilient coverings after 1 hour.



TECHNICAL DATA:

Where to use: internal floors and walls for ceramic, natural stone, resilient and wooden coatings.
Workability time: approx. 10 minutes.
Thickness applied: from 0 to 25 mm.
Set to light foot traffic: approx. 1 hour.
Waiting time before laying: 1 hour.
Colour: grey.
Storage: 12 months.
Application: trowel.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 23 kg bags and 20 kg boxes containing 4x5 kg aluminium bags.

www.blauer-engel.de/uz113



Planiprep 4 LVT

Ready-to-use smoothing compound for levelling off existing substrates with joint before laying LVT coatings. Existing interior ceramic and natural stone substrates can be levelled and smooth over (down to a feather edge up to a thickness of 2 mm) filling joints and gaps between the tiles creating a fine a smooth surface suitable for bonding loose-lay LVT tiles and planks using reactive adhesives, such as ULTRABOND ECO MS 4 LVT and ULTRABOND ECO MS 4 LVT WALL in a very short time (after 2 hours).



TECHNICAL DATA:

Where to use: internal floors and walls for loose-lay LVT.
Consistency: thick paste.
Colour: white.
Thickness applied: 0-2 mm (up to 3-4 mm in gaps and joints).
Set to light foot traffic: approx. 1 hour.
Waiting time before sanding and applying LVT: approx. 2 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 80-100 g/m².
Packaging: 10 kg drums.

1. SCREEDS AND SMOOTHING COMPOUNDS



Planiprep Contract **NEW**

Fine textured cementitious skimming compound, suitable for levelling and skimming, also in more than one coat, new and existing internal substrates (also ceramic) to make them suitable for bonding all types of floor covering, from 1 to 3 mm of thickness.



TECHNICAL DATA:

Where to use: internal floors and walls.
Workability time: 4 hours.
Thickness applied: from 1 to 3 mm.
Set to light foot traffic: from 4 to 24 hours, according to the surrounding temperature.
Waiting time before laying: 1 day.
Colour: gray and white.
Storage: 12 months.
Application: trowel.
Consumption: 1.2 kg/m² per mm of thickness.
Packaging: 22 kg bags.



Planiprep Fast Track

Ultra rapid-drying fine textured thixotropic cementitious skimming compound, suitable for levelling and skimming new and existing internal substrates (from a feather-edge up to a maximum of 3 mm) to make them suitable for bonding all types of floor covering very quickly (2 hours), including resilient and textiles.



TECHNICAL DATA:

Where to use: internal floors and walls for ceramic, natural stone and resilient coverings.
Consistency: fine powder.
Colour: grey.
Workability time: approx. 25 minutes.
Thickness applied: from 0 to 3 mm (1 cm for localised repair works).
Set to light foot traffic: approx. 1 hour (3 mm).
Waiting tile before bonding flooring: 2 hours for resilient coverings.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: approx. 1.0 kg/m² per mm of thickness.
Packaging: 16 kg boxes containing 4 sachets from 4 kg plastic.



Planiprep Remove 4 LVT

Ready-to-use grout smoother for loose-lay LVT easy to remove without leaving any residual.

This product is used to level off and smooth over (down to a feather edge in layers up to 2 mm thick) existing internal ceramic and stone surfaces. It fills joints and gaps between tiles and forms a fine, smooth finish suitable for loose-lay LVT tiles and planks.



TECHNICAL DATA:

Where to use: internal floors for loose-lay LVT.
Consistency: thick paste.
Colour: white.
Thickness applied: 0-2 mm.
Set to light foot traffic: 12-24 hours.
Waiting time before sanding and installing loose-lay LVT: 12-24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: approx. 0.8-1.0 kg/m².
Packaging: 10 kg drums.

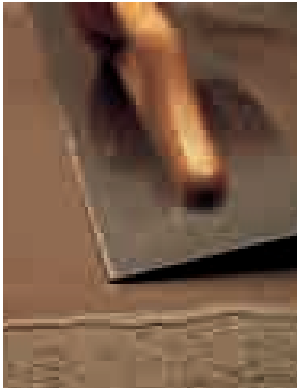


Planopur

Two-component, self-levelling, flexible, polyurethane levelling compound for all types of substrate, especially the deformable type.

TECHNICAL DATA:

Workability time: 20-25 minutes.
Application temperature range: from +10°C to +30°C.
Set to light foot traffic: approx. 12 hours.
Waiting time before laying: approx. 15 hours.
Colours: Comp. A: beige, comp. B: brown.
Application: rake or flat metal trowel.
Storage: 24 months.
Consumption: approx. 1.5 kg/m² per mm of thickness.
Packaging: 14 kg units.



Ultraplan

Self-levelling, ultra quick-hardening smoothing compound for thicknesses from 1 to 10 mm.



www.blauer-engel.de/uz113



TECHNICAL DATA:

Where to use: internal floors for ceramic, natural stone, resilient and wooden coverings.
Workability time: 20-30 minutes.
Thickness applied: from 1 to 10 mm.
Set to light foot traffic: approx. 3 hours.
Waiting time before laying: 3-4 hours for stable and not sensitive to moisture ceramic tiles and natural stone, 12 hours for resilient and wood coverings.
Application: trowel, rake or pump.
EMICODE: EC1 Plus - very low emission.
Colour: pinkish grey.
Storage: 12 months.
Consumption: 1.6 kg/m² per mm of thickness.
Packaging: 23 kg bags.



Ultraplan Contract **NEW**

Self-levelling, ultra quick-hardening smoothing compound ideal for large sites and retails for thicknesses from 1 to 10 mm.



TECHNICAL DATA:

Where to use: internal floors and walls, for ceramic, natural stone, resilient and wooden coatings.
Workability time: 20-30 min.
thickness applied: da 1 a 10 mm.
Set to light foot traffic: approx. 3 hours.
Waiting time before laying: 3-4 hours for stable and not sensitive to moisture ceramic and natural stone, 12 hours for resilient and wood coverings.
Colour: gray.
Storage: 12 months.
Application: trowel, rake or pump.
Consumption: 1.7 kg m² per mm of thickness.
Packaging: 25 kg bags.



Ultraplan Eco

Self-levelling, ultra quick-hardening smoothing compound for thicknesses from 1 to 10 mm.



www.blauer-engel.de/uz113



TECHNICAL DATA:

Where to use: internal floors for ceramic, natural stone, resilient and wooden coverings.
Workability time: 20-30 minutes.
Thickness applied: from 1 to 10 mm.
Set to light foot traffic: approx. 3 hours.
Waiting time before laying: 3-4 hours for stable and not sensitive to moisture ceramic tiles and natural stone, 12 hours for resilient and wood coverings.
Application: trowel, rake or pump.
EMICODE: EC1 Plus - very low emission.
Colour: pinkish grey.
Storage: 12 months.
Consumption: 1.6 kg/m² per mm of thickness.
Packaging: 23 kg bags.



Ultraplan Fast Track

Ultra-fast drying self-levelling compound for thicknesses from 1 to 10 mm. It is suitable for restoring resilient floor which have to be ready for use in quick times.



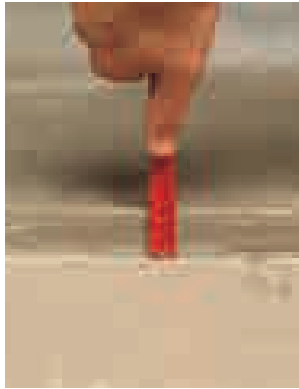
www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: fine powder.
Where to use: internal floors, for resilient and coverings coatings.
Pot life: 10-15 minutes.
Thickness applied: 1-10 mm.
Set to light foot traffic: approx. 1 hour.
Waiting tile before bonding flooring: 2 hours for ceramic tiles, natural stone, resilient and wood coverings.
Application: trowel or rake.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Consumption: 1.6 kg/m² per mm of thickness.
Packaging: 23 kg bags.

1. SCREEDS AND SMOOTHING COMPOUNDS



Ultraplan Maxi

Self-levelling, ultra quick-hardening smoothing compound for thicknesses from 3 to 40 mm.



TECHNICAL DATA:

Where to use: internal floors for ceramic, natural stone, resilient and wooden coatings.
Workability time: 30-40 minutes.
Thickness applied: from 3 to 40 mm.
Set to light foot traffic: approx. 3-12 hours (depending on thickness).
Waiting time before laying: from 3-4 to 12 hours for stable and not sensitive to moisture ceramic tiles and natural stone, from 12 to 72 hours for resilient and wood coverings (depending on thickness).
Application: trowel or pump.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Consumption: 1.7 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Ultraplan Renovation

Self-levelling fibre-reinforced rapid-hardening smoothing compound applied in layers 3 to 40 mm thick. Particularly suitable for levelling off existing substrates, even wooden substrates.



TECHNICAL DATA:

Areas of use: internal floors for installing ceramic, stone, resilient and wooden flooring.
Workability time: 30-40 minutes.
Thickness applied: 3 to 40 mm.
Set to foot traffic: approx. 3-12 hours (depending on thickness).
Waiting time before installation: from 3-4 to 12 hours for ceramic and stable and not sensitive to moisture stone; from 12 to 72 hours for resilients and wood (depending on thickness).
Application: spreader or pump.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Consumption: 1.8 kg/m² per mm of thickness.
Packaging: 25 kg bags.

1.4 Products for levelling substrates



Adesilex P4

Quick-hardening cementitious levelling compound for internal and external surfaces.



TECHNICAL DATA:

Where to use: on floors for ceramic and natural stone coatings.
Workability time: approx. 60 minutes.
Thickness applied: from 3 to 20 mm.
Set to light foot traffic: approx. 4 hours.
Application: N° 6 or 10 rounded notched trowel.
EMICODE: EC1 Plus - very low emission.
Colour: grey.
Storage: 12 months.
Consumption: 4-10 kg/m².
Packaging: 25 kg bags.



Nivoplan

Smoothing mortar for internal and external walls and ceilings for thicknesses from 2 to 20 mm.



TECHNICAL DATA:

Where to use: on walls for ceramic and natural stone coatings.
Workability time: 2-3 hours.
Thickness applied: from 2 to 20 mm.
Waiting time before laying ceramic and natural stone: 24 hours, according to thickness.
Application: trowel.
Colours: grey and white.
Storage: 12 months.
Consumption: 1.4 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop Fast 330

Quick-setting, fibre-reinforced cementitious levelling mortar for internal and external floors and walls, applied in layers from 3 to 30 mm to even out irregularities.



TECHNICAL DATA:

Where to use: internal walls and floors for ceramic and natural stone coatings.

Workability time: approximately 20 minutes.

Thickness applied: from 3 to 30 mm.

Waiting time before laying ceramic and natural stone: 4 hours, varies according to the surrounding temperature.

Application: smooth trowel.

EMICODE: EC1 - very low emission.

Colour: grey.

Storage: 12 months.

Consumption: 1.45 kg/m² per mm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags.



PRODUCTS FOR SOUNDPROOFING

2. PRODUCTS FOR SOUNDPROOFING



Mapesilent Band R

Closed-cell, expanded polyethylene adhesive band applied to perimeter walls and around the edges of elements which pass through screeds to avoid the formation of acoustic bridges, designed to be easily applied in a L-shape. The product can be used in combination with all the products from the MAPESILENT range. Available in two different heights depending on the total thickness of floating screed.

TECHNICAL DATA:

Format: light blue roll.

Height:

– 100 mm (+ 50 mm base);

– 160 mm (+ 50 mm base).

Thickness: 5 mm.

Length: 50 m.

Packaging: one pack with 4 rolls.



Mapesilent Comfort

Dry soundproofing system for floating screeds made from high density, closed-cell foam polyethylene sandwiched to a special protective film.

TECHNICAL DATA:

Thickness: 6 mm.

Compressibility (reduction in thickness when under load for a period of time): < 8%.

Thermal conductivity - λ : 0.04 W/mK.

Water vapour diffusion resistance factor - μ :

> 2000.

Dynamic stiffness for calculation purposes (S'): 50 MN/m³.

Calculated reductions of impact noise from footsteps (ΔL_w): 23,5 dB.

Calculated noise level index of impact noise from footsteps ($L'_{n,w}$): 58 dB (*).

Measured noise level index of impact noise from footsteps ($L'_{n,w}$): 57 dB (*).

(*) calculations and testing carried out on a 20+4 cm thick brick/cement floor slab, a 10 cm levelling layer over the system, a 5 cm thick cementitious screed and ceramic flooring.



Mapesilent Panel

Tiles with a bitumen and special polymer-based elasto-plastomeric membrane with polyester reinforcement, sandwiched to a resilient layer of polyester fibre.

TECHNICAL DATA:

Tensile strength:

– longitudinal: 700 N/50 mm;

– transversal: 500 N/50 mm.

Impact strength: 900 mm.

Resistance to static perforation: 15 kg.

Impermeability to water: > 100 KPa.

Apparent dynamic stiffness ($S't$): 10 MN/m³.

Dynamic stiffness for calculation purposes (S'): 21 MN/m³.

Reduction of noise from footsteps when installed (ΔL_w): 42 dB.

Thermal resistance (R): 0.313 m²K/W.

Nominal thickness: 13 mm.

Format: 1000 mm x 1000 mm tiles.

Weight: 5 kg/m².

Packaging: pallets containing 75 m².



Mapesilent Roll

Sheets with a bitumen and special polymer-based elasto-plastomeric membrane with polyester reinforcement sandwiched to a layer of resilient polyester fibre coated with blue, non-woven polypropylene fabric with a 5 cm wide self-adhesive border along the sides.

TECHNICAL DATA:

Tensile strength:

– longitudinal: 700 N/50 mm.

– transversal: 500 N/50 mm.

Impact strength: 900 mm.

Resistance to static perforation: 15 kg.

Impermeability to water: > 100 KPa.

Apparent dynamic stiffness ($S't$): 9 MN/m³.

Dynamic stiffness for calculation purposes (S'): 21 MN/m³.

Reduction of noise from footsteps when installed (ΔL_w): 37 dB.

Thermal resistance (R): 0.145 m²K/W.

Nominal thickness: 8 mm.

Format: 10 x 1 m rolls with a 5 cm border along the sides.

Weight: 1.8 kg/m².

Packaging: pallets containing 160 m².



Mapesilent Tape

Adhesive sealing tape made in closed-cell expanded polyethylene, ideal for sealing rolls and panels from the MAPESILENT range. It prevents the formation of acoustic bridges ensuring the seamlessness of the soundproofing system.

TECHNICAL DATA:

Format: white roll.
Width: 100 mm.
Thickness: 3 mm.
Length: 25 m.
Packaging: 12 rolls box.



Mapesonic CR

Soundproofing mat in sheets of rubber and cork applied on substrates before installing ceramic, stone, resilient and multi-layered wooden floors.



TECHNICAL DATA:

Thickness: 2 mm and 4 mm.
Format:
– 20 x 1 m sheets (2 mm thick);
– 10 x 1 m sheets (4 mm thick).
Reduction of noise from footsteps EN ISO 140-8: 10 dB.
Density (kg/m³): 700.
Colours: brown-black.
Tensile strength EN ISO 1798 (N/mm²): 0.6.
Elongation at failure EN ISO 1798 (%): 20.
Reduction of noise from footsteps EN ISO 10140-3: 10 dB.
Certified: Technical Report N. PX21361-1.
EMICODE: EC1 Plus - very low emission.



Mapesonic GD 4 LVT

Low-thickness, high-density, sound proofing system, for LVT reinforced with glass fibre mesh, designed to block and reduce transmission of foot step noise through floors.



TECHNICAL DATA:

Thickness: 1.5 mm.
Size: 10 m x 1 m sheets.
Weight: 1.1 kg/m².
Dimensional stability (ISO 23999): <0.2%.
Reduction of noise from footsteps (ISO 10140-1): 16 dB (for 2.5 mm thick LVT).
EMICODE: EC1 Plus - very low emission.
Packaging: 10 x 1 m (10 m²) rolls.



Mapesonic SA 4 LVT

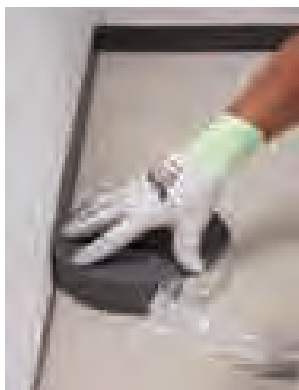
Self-adhesive, low-thickness, high-density, sound proofing system, for LVT reinforced with glass fibre mesh, designed to block and reduce transmission of foot step noise through floors.



TECHNICAL DATA:

Thickness: 1.7 mm.
Size: 10 m x 1 m sheets.
Weight: 1.1 kg/m².
Dimensional stability (ISO 23999): <0.2%.
Reduction of noise from footsteps (ISO 10140-1): 16 dB (for 2.5 mm thick LVT).
EMICODE: EC1 Plus - very low emission.
Packaging: 10 x 1 m (10 m²) rolls.

2. PRODUCTS FOR SOUNDPROOFING



Mapesonic Strip

Adhesive strip made in closed cell expanded polyethylene to be applied around the edge of flooring and any pillars passing through the flooring to prevent the formation of acoustic bridges along the perimeter of the walls, specific for use with MAPESONIC CR to ensure the seamlessness of the soundproofing system.

TECHNICAL DATA:

Format: grey roll.

Width: 50 mm.

Thickness: 3 mm.

Length: 11 m.

Packaging: 4 rolls box.





**PRIMERS, BONDING PROMOTERS,
CONSOLIDATING AND
WATERPROOFING PRODUCTS**



Biblock

Two-component, epoxy curing product in water dispersion for concrete with consolidating and anti-dust properties. Suitable for not absorbent substrates before the application of TRIBLOCK P.

TECHNICAL DATA:

Consistency: comp. A: thick liquid; comp. B: liquid.
Colours: comp. A: straw yellow; comp. B: amber.
Mixing ratio: comp. A : comp. B = 1 : 1.
Workability time: 30-40 minutes.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.10-0.15 kg/m².
Packaging: 2.5 kg + 2.5 kg drums.



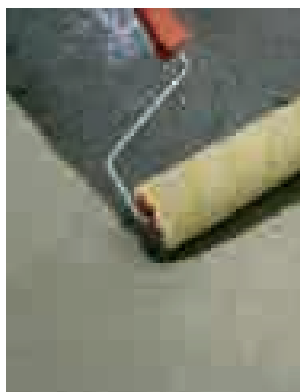
Eco Prim Grip

Ready-to-use bonding promoter and primer made from synthetic acrylic resin and silica inerts with a very low emission of volatile organic compounds (VOC) for render, smoothing and levelling compounds and adhesives for ceramic tiles.



TECHNICAL DATA:

Consistency: creamy liquid.
Colour: grey.
Waiting time before applying render: 15-20 minutes.
Waiting time before applying smoothing compounds: 30 minutes.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: roller or brush.
Consumption: 0.20-0.30 kg/m².
Packaging: 10 kg and 5 kg drums.



Eco Prim PU 1K

One-component, solvent-free, moisture curing polyurethane primer with a very low emission level of volatile organic compounds (VOC) for consolidating and waterproofing cementitious screeds.



TECHNICAL DATA:

Consistency: liquid.
Colour: brown.
Set to light foot traffic: after 9-10 hours.
Waiting time before laying parquet using reactive adhesives: min. 24 hours, max. 3 days.
Waiting time before laying parquet or smoothing layer on surfaces sprinkled with quartz: 36 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months.
Application: roller or brush.
Consumption: 0.2-0.4 kg/m².
Packaging: 10 kg drums.



Eco Prim PU 1K Turbo

One-component, solvent-free, moisture curing, rapid-drying polyurethane primer with a very low emission level of volatile organic compounds (VOC) for consolidating and waterproofing cementitious screeds.



TECHNICAL DATA:

Consistency: liquid.
Colour: brown.
Set to light foot traffic: 30-40 minutes.
Waiting time before laying parquet using reactive adhesives: min. 2 hours, max. 24 hours.
Waiting time before laying parquet or smoothing layer on surfaces sprinkled with quartz: 4 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: roller or brush.
Consumption: 0.2-0.4 kg/m² per coat.
Packaging: 10 kg drums.



Eco Prim T

Acrylic primer with a very low emission of volatile organic compounds (VOC) for absorbent and non-absorbent substrates also with residual of old adhesives.

Suitable also as adhesion promoter for levelling compounds onto substrates treated with epoxy or polyurethane primers.



www.blauer-engel.de/uz113

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: white.

Dilution rate: not diluted on non-absorbent surfaces, 1 : 1 or 1 : 2 on absorbent surfaces.

Waiting time before applying smoothing compounds: 1-5 hours depending on the surrounding conditions and the absorption of the substrate.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: roller or brush.

Consumption: 0.10-0.20 kg/m².

Packaging: 5 and 20 kg tanks.



Eco Prim T Plus

Acrylic primer in water dispersion with very low emission of volatile organic compounds (VOC) for absorbent and non-absorbent substrates also with residual of old adhesives.

Suitable also as adhesion promoter for levelling compounds onto substrates treated with epoxy or polyurethane primers.



www.blauer-engel.de/uz113

TECHNICAL DATA:

Consistency: liquid.

Colour: light blue.

Dilution rate: not diluted on non-absorbent substrates, 1 : 1 or 1 : 2 on absorbent substrates.

Waiting time before applying the adhesive or the smoothing compound over: from 1 to 5 hours depending on the surrounding conditions and the absorbency of the substrate.

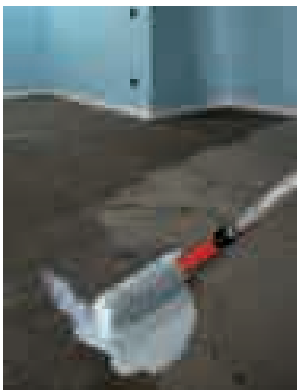
EMICODE: EC1 Plus - very low emission.

Storage: 24 months.

Application: with a brush or a roller.

Consumption: 0.10-0.20 kg/m².

Packaging: 20 and 5 kg tanks.



Eco Prim VG

Ready to use acrylic primer in water dispersion with very low emission level of volatile organic compounds (VOC). Suitable for preparing absorbent or porous substrates prior to installing self-adhesive and tack-dry loose lay LVT or MAPESONIC SA 4 LVT.



www.blauer-engel.de/uz113

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: light blue.

Application temperature range: from +5°C to +35°C.

Drying time: 15-20 minutes.

Waiting time before applying the adhesive or the smoothing compound over: 1-3 hours.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: roller or brush.

Consumptions: 0.10-0.20 kg/m² depending on the porosity of the substrate and on how it is applied.

Packaging: 1, 5 and 10 kg tanks.



Eporip

Two component solvent-free epoxy adhesive for construction joints and for monolithic sealing of cracks in screeds.



TECHNICAL DATA:

Consistency: comp. A: fluid paste; comp. B: fluid paste.

Colours: comp. A: black; comp. B: white.

Mixing ratio: comp. A : comp. B = 3 : 1.

Setting time: 24 hours.

Workability time: 60 minutes (at +23°C).

Open time: 5 hours (at +10°C).

Storage: 24 months.

Application: brush, trowel or by pouring.

Consumption: for bonding 1.35 kg/dm³.

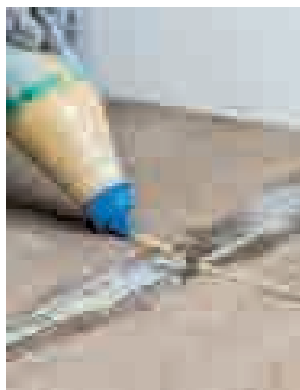
Packaging:

- 10 kg kits:

(7.5 kg of component A, 2.5 kg of component B).

- 2 kg kits:

(1.5 kg of component A, 0.5 kg of component B).



Eporip SCR

Two-component, rapid-hardening, silicate-urethane resin for sealing cracks and joints and carrying out small repairs.



TECHNICAL DATA:

Consistency: comp. A: liquid; comp. B: liquid.
Mixing ratio (by volume): comp. A : comp. B = 1 : 1.
Setting time: 45 mins.
Workability time: 10-12 mins.
Storage: 12 months.
Application: extruded through nozzle on can.
Packaging: boxes containing 6 (A+B) kits (comp. A: 300 ml; comp. B: 300 ml).



Eporip Turbo

Two-component, quick-hardening polyester resin for sealing of cracked screeds and for little repair works.



TECHNICAL DATA:

Consistency: comp. A: fluid paste; comp. B: fluid paste.
Colours: comp. A: grey; comp. B: white.
Mixing ratio: comp. A : comp. B = 500 : 8.
Setting time: 20-30 minutes.
Workability time: 7 minutes.
Storage: 12 months.
Application: pouring.
Consumption: 1.7 kg per dm³ of filled cracks.
Packaging: 508 g metal cans (component A: 500 g; component B: 8 g).



Livigum

Synthetic-resin based admixture in water dispersion to be added to cementitious mortar and smoothing compounds to improve mechanical performances and adhesion.

Mixing ratio:

1. Preparation of skim layers and render up to 10 mm thick. Dilute LIVIGUM with water at a ratio of 1:2. Use this solution to mix the aggregates and cement.
 2. Preparation of skim layers and render up to 20 mm thick. Dilute LIVIGUM with water at a ratio of 1:3. Use this solution to mix the aggregates and cement.
 3. Admixture for PIANOCEM M. Partially replace the mixing water with 1.5-2 kg of LIVIGUM every 25 kg bag.
 4. Primer for cementitious substrates. Dilute 1 part of LIVIGUM with 3-5 parts of water, depending on the absorption of the substrate.
- Consumption:** 60-90 g/m² per mm of skimming; 1,5-2 kg bag of PIANOCEM M.
Packaging: 25 kg tanks.

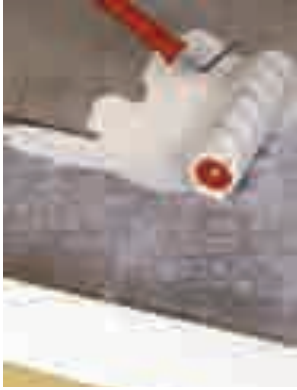


Malech

Water-based acrylic undercoat and bonding promoter with a smooth finish.

TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dry solids content (EN ISO 3251) (%): approx. 15.
Dilution rate: ready-to-use; 30-50% of water for surfaces with low absorbency.
Waiting time before applying other products: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.10-0.15 (kg/m²).
Packaging: 2 and 10 kg.



Mapecoat I 600 W

Two-component transparent epoxy primer in water dispersion.

TECHNICAL DATA:

Consistency of mix: fluid.

Colour of mix: opaline.

Mixing ratio: comp. A: comp. B = 2.3 : 3.6.

Workability time: 2-3 hours.

Dust dry at +23°C and 50% R.H.: 3-4 hours (first coat); 6-8 hours (second coat).

Final hardening time: 7 days.

Application temperature range: from +8°C to +35°C.

Storage: 24 months in its original sealed packaging.

Application: roller, spray or airless spray.

Consumption: 300-500 g/m², depending on the absorbency rate of diluted product.

Packaging: 5.9 kg kits and 11.8 kg kits (A + B).



Mapecoat I 600 W Lucido

Two-component, shiny, transparent epoxy primer in water dispersion.

TECHNICAL DATA:

Consistency of mix: fluid.

Colour of mix: opaline.

Mixing ratio: comp. A: comp. B = 2.3 : 3.6.

Workability time: 2-3 h.

Dust dry at +23°C - 50% R.H.:

- 3-4 h (first coat);

- 6-8 h (second coat).

Final hardening time: 7 days.

Application temperature range: from +8°C to +35°C.

Storage: 24 months in its original sealed packaging.

Application: roller, spray or airless spray.

Consumption: 300-500 g/m², depending on the absorbency rate of diluted product.

Packaging: 5.9 kg kits (A + B).



Planicrete

Synthetic rubber latex to improve adhesion and performances of cement mixes and prepare bonding slurries for screeds.

TECHNICAL DATA:

Consistency: fluid liquid.

Dry solids content: 36%.

Storage: 24 months.

Consumption:

- for bonding slurry: 100-150 g/m²;

- to prepare screeds and renders: 50-80 kg/m³.

Packaging: 5, 10 and 25 kg tanks and 12x1 kg packages.



Primer 3296

Acrylic primer in water dispersion with high penetration, consolidating and anti-dust properties for screeds.

TECHNICAL DATA:

Consistency: liquid.

Colour: opaline.

Dilution ratio: as is, 1: 1 or 1:2 according to the absorption of the substrate.

Drying time: 1-5 days.

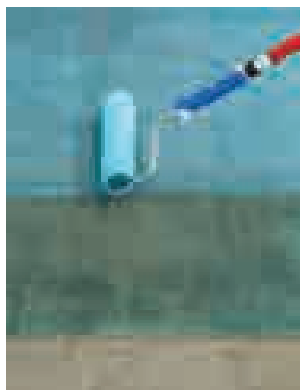
Waiting time before laying with vinyl adhesive: when dry.

Storage: 12 months.

Application: brush, roller or watering can.

Consumption: 0.1-0.5 kg/m².

Packaging: 5 and 10 kg drums.



Maeproof Primer NEW

PVDC based primer in water dispersion for suppressing residual moisture up to 4,5% (95% R.H.) in cementitious screeds.



www.blauer-engel.de/uz113

TECHNICAL DATA

Consistency: liquid.

Colour: green.

Number of recommended coats: apply in a minimum of two coats. With particularly low absorbent or finished screeds with a tight surface, first apply a dilute coat of MAPEPROOF PRIMER (1 : 1 with water), allow to dry (approx. 20 mins) and proceed with the others 2 coats.

Waiting time between the first and second coat: 15-30 minutes.

Waiting time before applying in the levelling compound: After complete drying of the primer (approx. 2-5 hours, max. 12 hours).

Storage: 12 months.

Application: roll or brush.

Consumption: approx. 250 g/m² as a two coats application (coverage 3 m²/kg).

Packaging: 10 kg tanks.



Primer BI

Synthetic resin primer in solvent, specific for improving adhesion of polyurethane coating products (from the PURTOP range) on existing bituminous membranes.

TECHNICAL DATA:

Colour: transparent.

Consistency: fluid liquid.

Density according to EN ISO 2811-1 (g/cm³): 0.96.

Dry solids content (%): 10.

Storage: 24 months in its original sealed packaging.

Application temperature range: from +5°C to +35°C.

Ready for painting over: 2-4 hours.

Drying time: 5-6 hours at +20°C.

Consumption: 0.20 kg/m² per coat, depending on the type of the substrates.

Packaging: 10 kg.



Primer EP

Two-component epoxy primer in solvents for consolidating and waterproofing cementitious screeds and industrial floors.

TECHNICAL DATA:

Minimum waiting time: 24 hours according to the porosity of the substrate.

Consistency: liquid.

Colour: transparent.

Mixing ratio: comp. A : comp. B = 1 : 1.

Workability time: 4-5 hours.

Storage: 24 months.

Application: brush, roller or watering can.

Consumption: 0.5-0.7 kg/m².

Packaging: 5+5 kg drums.



Primer EP Rustop

Two-component epoxy primer for metal surfaces.

TECHNICAL DATA:

Mixing ratio: comp. A: comp B. = 100 : 30.

Colour of mix: white.

Consistency of mix: liquid.

Dry substances content (%): 70.

Density of mix (kg/m³): 1,100.

Viscosity of mix (mPa·s): 500 (# 3 - 50 rpm).

Workability time: 15-20 minutes at +20°C.

Surface temperature: at least +10°C.

Pot life: 6 h at +20°C.

Varnishing: after 6-8 h at +20°C.

Dusty dry: after 2 h at +20°C.

Final hardening time: 24 h.

Storage: 12 months in its original sealed packaging.

Application: by brush, roller or airless spray system.

Consumption: 0.2 kg/m².

Packaging: 5 kg kits (A + B).



Primer G

Synthetic resin primer in water dispersion with very low emission of volatile organic compounds (VOC).



TECHNICAL DATA:

Consistency: liquid.

Colour: light blue.

Dilution rate: from 1:1 to 1:3 with water according to the absorption of the substrate.

Drying time: 2 hours according to the dilution rate and the absorption of the substrate.

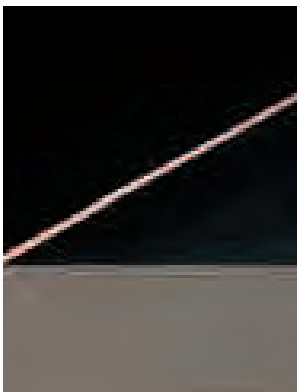
Application: brush or roller.

EMICODE: EC1 Plus - very low emission.

Storage: 24 months. Protect from frost.

Consumption: 0.1-0.2 kg/m² according to use.

Packaging: 5, 10 and 25 kg drums and 12x1 kg boxes.



Primer G Conductive

Dark-coloured, solvent-free conductive synthetic resin primer in water dispersion.

TECHNICAL DATA:

Consistency: liquid.

Colour: black.

Drying time: minimum 2 hours.

Electrical resistance: 50,000 ohm.

Storage: 24 months. Protect from frost.

Application: brush.

Consumption: 0.1-0.15 kg/m².

Packaging: 10 kg drums.



Primer KL

Adhesion promoter in solvent for two-component epoxy, epoxy-polyurethane and polyurethane adhesives and thinner for PRIMER MF.

TECHNICAL DATA:

Consistency: liquid.

Colour: pinkish transparent.

Dilution rate: PRIMER KL : PRIMER MF = 1: 6.

Drying time: 5 minutes.

Storage: 12 months.

Application: cotton rag.

Consumption: 0.3-0.4 kg/m².

Packaging: boxes of 12x0.8 litre bottles and 8 kg metal drums.



Primer M

One-component, solvent-free primer for polyurethane sealants, for use on absorbent and non-absorbent surfaces.

TECHNICAL DATA:

Consistency: liquid.

Colour: brown.

Inflammable: no.

Application temperature: from +5°C to +35°C.

Drying time: 40 minutes.

Storage: 12 months.

Application: brush.

Consumption: 5-10 g/m (for a 1 cm deep joint).

Packaging: 250 g bottles, 2 kg metallic drums.



Primer MF

Two-component, solvent-free epoxy primer for consolidating and waterproofing cementitious substrates.

TECHNICAL DATA:

Consistency: liquid.
Colour: transparent yellow.
Mixing ratio: comp. A : comp. B = 3 : 1.
Waiting time before laying floors or applying smoothing compound: 24-48 hours according to the surrounding temperature.
Workability time: 90 minutes.
Storage: 24 months.
Application: brush or roller.
Consumption: 0.20-0.40 kg/m².
Packaging: 1 kg (A+B) and 6 kg (A+B) units.



Primer MF EC Plus

Two-component, solvent-free, low-viscosity, epoxy primer with very low emission of volatile organic compounds for consolidating and waterproofing cementitious substrates.



TECHNICAL DATA:

Consistency: liquid.
Colour: transparent yellow.
Mixing ratio: comp. A : comp. B = 4 : 1.
Waiting time before laying floors or applying smoothing compound: 24 hours.
Workability time: 40 minutes.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months.
Application: roller, brush or flat trowel.
Consumption: 0.2-0.3 kg/m² per coat.
Packaging: 5 kg units (A + B).



Primer P

One-component primer for sealants applied on plastics.

TECHNICAL DATA:

Application of sealant: after 20'.
Colours: transparent.
Application: brush.
Consumption: 5-10 g/m (for a 1 cm deep joint).
Packaging: 150 g canisters.



Primer P1

One-component solvent-based primer for polyurea coatings (from the PURTOP line) on plastic surfaces such as PVC.

TECHNICAL DATA:

Consistency: transparent liquid.
Colour: yellowish.
Density (g/cm³): 0.86.
Dry solids content (%): 10.
Viscosity (mPa-s): approx. 33 (No. 1 rotor, 100 rpm).
Application temperature: +5°C to +35°C.
Recoat time (mins.): 30 to 60.
Consumption: 0.1-0.2 kg/m².
Packaging: 50 kg tanks.

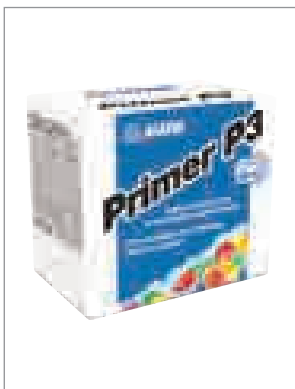


Primer P2

One-component solvent-based primer for polyurea coatings (from the PURTOP line) on plastic surfaces such as TPO.

TECHNICAL DATA:

Consistency: transparent liquid.
Colour: yellowish.
Density (g/cm³): 0.89.
Dry solids content (%): 10.
Viscosity (mPa-s): approx. 22 (No. 1 rotor, 100 rpm).
Application temperature: +5°C to +35°C.
Recoat time (mins.): 30 to 60.
Consumption: 0.1-0.2 kg/m².
Packaging: 50 kg tanks.



Primer P3

Two-component solvent-based polyurethane primer for products from the PURTOP line.

TECHNICAL DATA:

Consistency: comp. A liquid; comp. B liquid.
Colour: comp. A transparent yellow; comp. B dark brown.
A/B ratio (in weight): 100/24.
Application temperature: +5°C to +35°C.
Workability time (mins.): approx. 60.
Consumption: approx. 50÷100 g/m² as adhesion promoter for polyurethane finishes; 150÷200 g/m² as primer for bitumen membranes.
Packaging: 5+1.20 kg units (A+B); 1.24 kg units.



Primer PU60

Moisture curing polyurethane resin for consolidating and waterproofing damp screeds.

TECHNICAL DATA:

Consistency: liquid.
Colour: brown.
Dilution ratio: from 25 to 100% with THINNER PU.
Set to light foot traffic: 3-8 hours according to dilution ratio.
Hardening time: 24 hours.
Waiting time before laying with reactive adhesive: 2-7 days.
Storage: 12 months.
Application: brush, roller or watering can.
Consumption: 0.4-1.2 kg/m².
Packaging: 10 kg drums.



Primer S

Waterproofing primer in water dispersion.

TECHNICAL DATA:

Consistency: liquid.
Colour: pink.
Waiting time between each coat: 20-30 minutes.
Waiting time before laying coating: approx. 12 hours.
Application: brush or roller.
Storage: 12 months. Protect from frost.
Consumption: 0.1 kg/m² per coat.
Packaging: 5 kg bottles.



Primer SN

Two-component epoxy primer with fillers.

May be coloured with MAPECOLOR PASTE.



TECHNICAL DATA:

Mixing ratio: component A : component B = 80 : 20.

Colour of mix: neutral.

Consistency of the mix: thick fluid.

Density of mix (kg/m³): 1500.

Viscosity of the mix (mPa-s): 1,100 ± 100 (# 3 - rpm 50).

Pot life: 30 min.

Application temperature range: from +8°C to +35°C.

Dust dry at +23°C and 50% R.H.: 6 hours.

Set to light foot traffic at +23°C and 50% R.H.: 24 hours.

Final setting time: 7 days.

Storage: 24 months in its original sealed packaging.

Application: flat trowel or flat rake.

Consumption: 0.3-0.7 kg/m² per coat, depending on the absorbency and characteristics of the substrate.

Packaging: 20 kg kits (A+B); 5 kg kits (A+B).



Profas

Water-based, solvent-free consolidator with high penetration properties for cementitious substrates.

TECHNICAL DATA:

Consistency: liquid.

Colour: transparent.

Drying time: according to the absorbency of the substrate.

Storage: 24 months. Protect from frost.

Application: brush, flat brush or roller

Consumption: 0.5-0.7 kg/m².

Packaging: 25 kg tanks.



Quartz 1.2

Calibrated silica sand to improve the bond on resin or epoxy primers.

TECHNICAL DATA:

Colours: grey - beige.

Grain size: 0.7-1.2.

Packaging: 25 kg bags.



Thinner for adhesives

N.B. Packaging approved according to ADR as specified in Ministerial Decree 22/2/1990.



Thinner PU

Thinners for PRIMER PU60.

TECHNICAL DATA:

Consistency: liquid.

Colour: transparent.

Inflammable: yes.

Storage: 12 months.

Consumption: 0.25-1 litre per litre of PRIMER PU60 according to dilution rate considered.

Packaging: 9 kg drums.



Triblock P

Three-component epoxy-cementitious primer for non-absorbent waterproofing damp substrates.

TECHNICAL DATA:

Consistency: comp. A liquid; comp. B liquid; comp. C powder.

Colours: comp. A white; comp. B white; comp. C white.

Mixing ratio:

comp. A : comp. B : comp. C = 12 : 38 : 50.

Workability time: 30-40 minutes.

Waiting time between first and second coat: 4-6 hours.

Waiting time before laying floors or applying smoothing compound: 18 hours.

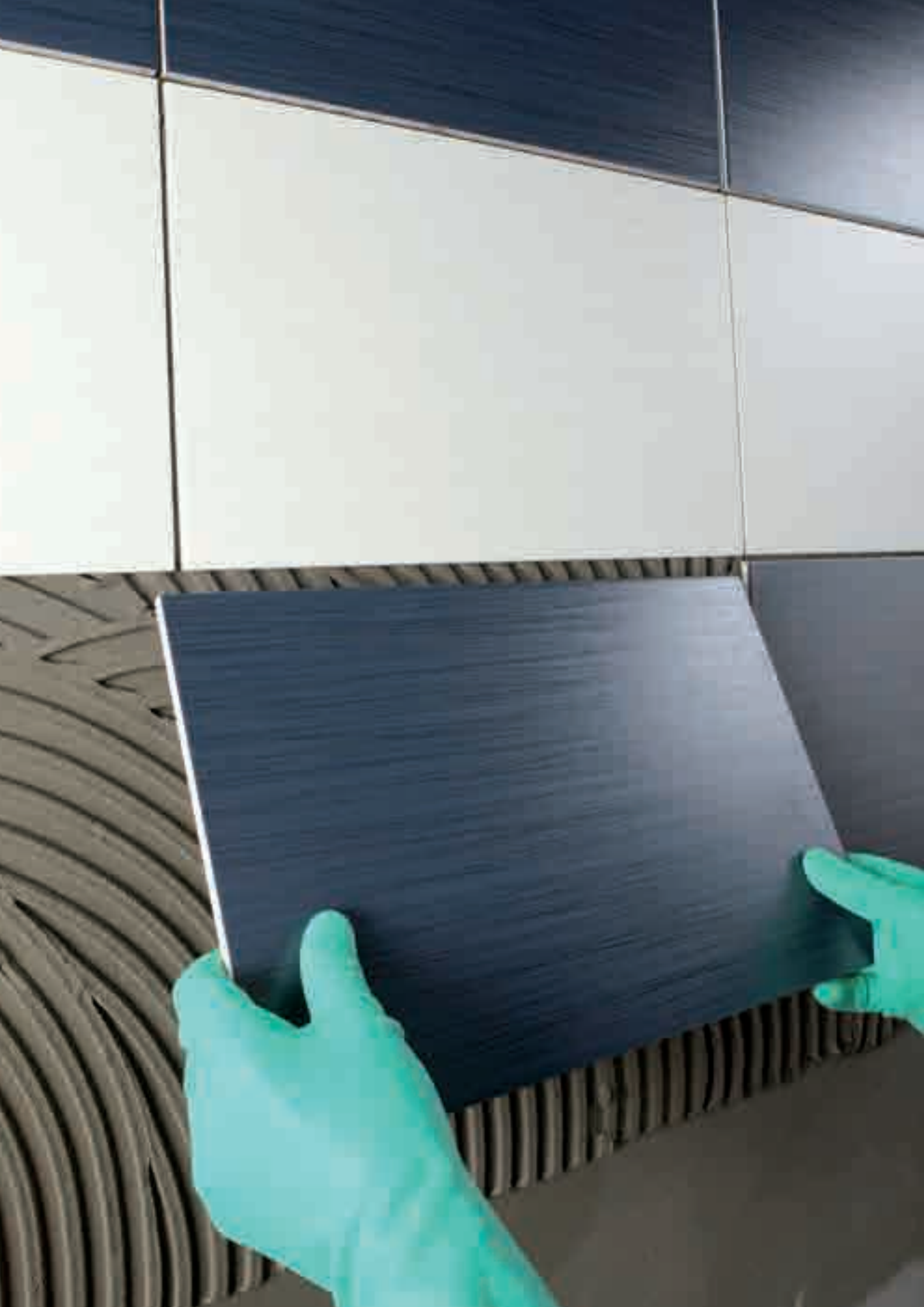
Maximum waiting time before laying floors or applying smoothing compound: 7 days.

Storage: 24 months.

Application: brush or roller.

Consumption: 0.5 kg/m².

Packaging: 5 kg drums (A+B+C).



ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL

4.1 Hydraulic binder based adhesives



Adesilex P4

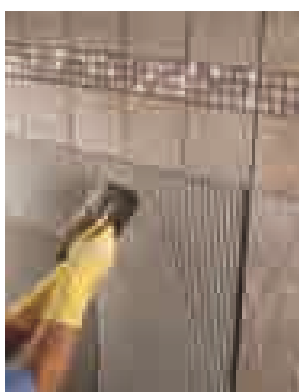
High-performance, self-buttering, quick-setting grey cementitious adhesive for ceramic tiles and stone material (thickness of adhesive from 3 to 20 mm).

N.B. May also be used for smoothing internal and external surfaces.



TECHNICAL DATA:

Where to use: floors only.
Pot life of mix: more than 60 minutes.
Open time: 20 minutes.
Waiting time before grouting: 4 hours.
Set to light foot traffic: approx. 4 hours.
Ready for use: approx. 24 hours.
Colour: grey.
Application: N° 6 or 10 notched rounded trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 4-10 kg/m².
Packaging: 25 kg bags.



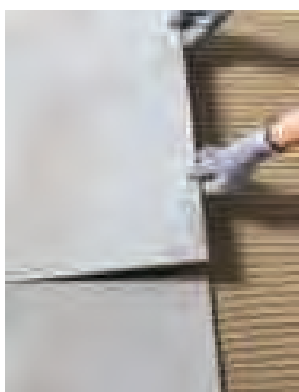
Adesilex P9

High-performance cementitious adhesive with no vertical slip and extended open time for ceramic tiles and stone materials (layer of adhesive up to 5 mm). The white version has very high white balance and excellent workability.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: ≥ 30 minutes.
Waiting time before grouting:
– on walls: 4-8 hours;
– on floors: 24 hours.
Set to light foot traffic: approx. 24 hours.
Ready for use: approx. 14 days.
Colours: grey and white.
Application: N° 4, 5 or 6 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (25 kg bags), 24 months (5 kg bags).
Consumption: 2-5 kg/m².
Packaging: 25 kg bags and 4x5 kg boxes.



Adesilex P9 Express

High performance, rapid-setting cementitious adhesive with extended open time for bonding ceramic tiles.



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Open time: 20 minutes.
Waiting time before grouting:
– walls: 4 hours;
– floors: 4 hours.
Set to foot traffic: approx. 4 hours.
Ready for service: approx. 24 hours.
Colours: grey and white.
Application: N° 4, 5, 6 or 10 notched spreader.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 2.5-5 kg/m².
Packaging: 25 kg bags.



Adesilex P10

High-performance, white cementitious adhesive with no vertical slip and extended open time for glass mosaic, ceramic and marble coatings (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: ≥ 30 minutes.
Waiting time before grouting:
– on walls: 4-8 hours;
– on floors: 24 hours.
Set to foot traffic: approx. 24 hours.
Ready for service: approx. 14 days.
Colours: grey and white.
Application: N° 4, 5 or 6 notched spreader.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags and 4x5 kg Alupack boxes.



Elastorapid

Two-component, high-performance, highly-deformable, quick-setting and drying cementitious adhesive with no vertical slip and extended open time for ceramic tiles and stone material (thickness of adhesive up to 10 mm).



TECHNICAL DATA:

Pot life of mix: 60-75 minutes.
Open time: ≥ 30 minutes.
Waiting time before grouting: 3 hours.
Set to light foot traffic: approx. 2-3 hours.
Ready for use: approx. 24 hours (3 days for basins and swimming pools).
Deformability according to EN 12004: S2 - highly deformable.
Colours: grey and white.
Application: N° 4, 5, 6 or 10 notched trowel.
Storage: comp. A: 12 months; comp. B: 24 months. Protect from frost.
Consumption: 3-8 kg/m².
Packaging:
 ELASTORAPID white: 31.25 kg kit comp. A: 25 kg / comp. B: 6.25 kg.
 ELASTORAPID grey: 31.25 kg kit comp. A: 25 kg / comp. B: 6.25 kg.



Granirapid

Two-component, high-performance, deformable, quick-setting and drying cementitious adhesive for ceramic tiles and stone material (thickness of adhesive up to 10 mm).



TECHNICAL DATA:

Consistency: comp. A: powder; comp. B: thick liquid.
Mixing ratio: comp. A: 25 kg + comp. B: 5.5 kg.
Pot life of mix: 45 minutes.
Application temperature range: from +5°C to +30°C.
Open time: 20 minutes.
Setting time: 2 hours.
Set to light foot traffic: 3-4 hours.
Ready for use: 24 hours.
Colours available: grey and white.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 4, 5, 6 or 10 notched trowel.
Consumption: 3-8 kg/m².
Packaging:
 GRANIRAPID white: 28 kg kit component A: 22.5 kg bag component B: 5.5 kg drum
 GRANIRAPID grey: 30.5 kg kit component A: 25 kg bag component B: 5.5 kg drum.



Isolastic

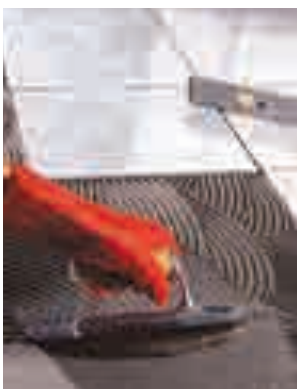
Elasticising latex mixed with KERABOND, KERABOND T and ADESILEX P10. When KERABOND, KERABOND T and KERABOND PLUS are mixed with ISOLASTIC they form a high-performance, highly deformable adhesive with extended open time (C2E/S2).

When ADESILEX P10 is mixed with ISOLASTIC (dilution rate 1:1 with water), it forms a high-performance, highly deformable adhesive with extended open time (C2E/S1).



TECHNICAL DATA OF KERABOND/KERABOND T/ KERABOND PLUS+ISOLASTIC:

Pot life of mix: more than 8 hours.
Open time: 20 minutes.
Waiting time before grouting:
 – on walls: 4-8 hours;
 – on floors: 24-36 hours.
Set to light foot traffic: 24-36 hours.
Ready for use: approx. 14 days.
Deformability according to EN 12004: S2 - highly deformable (ADESILEX P10 + ISOLASTIC diluted 1:1 with water - S1 deformable).
EMICODE: EC1 Plus - very low emission.
Application: KERABOND/KERABOND T/KERABOND PLUS + ISOLASTIC: N° 4, 5 or 6 notched trowel.
 ADESILEX P10/SOLASTIC diluted 1:1 with water: N° 4, 5 or 6 notched trowel.
Storage: 24 months. Protect from frost.
Consumption: 1-2 kg/m².
Packaging: 5 and 25 kg drums.



Kerabond

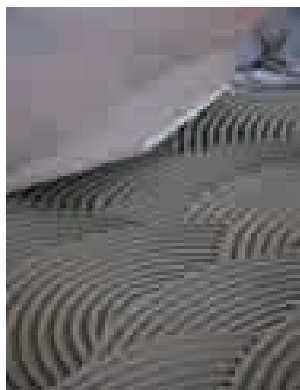
Cementitious adhesive for ceramic tiles (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: 20 minutes.
Waiting time before grouting:
 – on walls: 4-8 hours;
 – on floors: 24 hours.
Set to light foot traffic: approx. 24 hours.
Ready for use: approx. 14 days.
Colours: grey and white.
Application: N° 4, 5 or 6 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (25 kg bags), 24 months (5 kg bags).
Consumption: 2-5 kg/m².
Packaging: 25 kg bags and 4x5 kg Alupack boxes.

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



Kerabond Plus

High-performance cementitious adhesive with extended open time for ceramic tiles and stone materials.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.

Open time: ≥ 30 minutes.

Waiting time before grouting:

– on walls: 4-8 hours;

– on floors: 24 hours.

Set to foot traffic: approx. 24 hours.

Ready for service: approx. 14 days.

Colours: grey and white.

Application: N° 4, 5 or 6 notched spreader.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

Packaging: 25 kg bags.



Kerabond T

Cementitious adhesive with no vertical slip for ceramic tiles (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Pot life of mix: more than 8 hours.

Open time: 20 minutes.

Waiting time before grouting:

– on walls: 4-8 hours;

– on floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: N° 4, 5 or 6 notched trowel.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

Packaging: 25 kg bags.



Keracrete

Synthetic latex rubber mixed with sand and cement (thickness up to 5 mm).



TECHNICAL DATA:

Pot life of mix: 90 minutes.

Open time: 20 minutes.

Waiting time before grouting:

– on walls: 4-6 hours;

– on floors: 24 hours.

Set to light foot traffic: approx. 3 days.

Ready for use: approx. 14 days (21 days for basins and swimming pools).

Application: N° 5 or 6 or 10 notched trowel.

Mixing ratio: 1 part by weight of KERACRETE, 2 parts

by weight of cement (class 32.5), 2 parts by weight of

sand; or 1 part by weight of KERACRETE, 1.5 parts by

weight of cement (class 42.5), 2 parts by weight of sand;

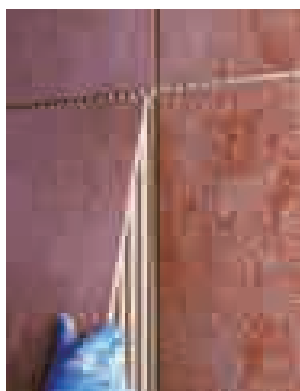
or alternatively 1 part by weight of KERACRETE, 1 part by

weight of cement (class 52.5) and 2 parts by weight of sand.

Storage: 24 months. Protect from frost.

Consumption: 0.5-1 kg/m².

Packaging: 25 kg drums.



Keraflex

High-performance cementitious adhesive with no vertical slip and extended open time for ceramic and stone tiles (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Pot life of mix: more than 8 hours.

Open time: ≥ 30 minutes.

Waiting time before grouting:

– on walls: 4-6 hours;

– on floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Colours: grey and white.

Application: N° 4, 5 or 6 notched trowel.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months (25 kg bags), 24 months (5 kg bags).

Consumption: 2-5 kg/m².

Packaging: 25 kg bags and 4x5 kg Alupack boxes.



Keraflex Easy S1

Easy-to-apply high-performance deformable cementitious adhesive with extended open time and high wetting capacity for ceramic tiles and stone materials. With very low emission of volatile organic compounds. Particularly recommended for bonding porcelain tiles on large spreads of flooring; applied in layers up to 10 mm thick.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: 30 mins.
Waiting time before grouting:
 – on walls: 4-6 hours;
 – on floors: 24 hours.
Set to foot traffic: approx. 24 hours.
Ready for service: approx. 14 days.
Colours: grey and white.
Application: N° 4, 5, 6 or 10 notched spreader.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags.



Keraflex Maxi S1

High-performance, deformable cementitious adhesive with no vertical slip, extended open time, excellent workability and Low Dust technology for ceramic tiles, particularly recommended for bonding large porcelain and natural stone tiles (thickness of adhesive from 3 to 15 mm). With very emission of volatile organic compounds.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: > 30 minutes.
Waiting time before grouting:
 – on walls: 4-8 hours;
 – on floors: 24 hours.
Set to foot traffic: approx. 24 hours.
Ready for service: approx. 14 days.
Deformability according to EN 12004:
 S1 - deformable.
Colour: white.
Application: N° 4, 5, 6 or 10 notched spreader.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 1.2 kg/m² per mm of thickness.
Packaging: 23 kg bags.



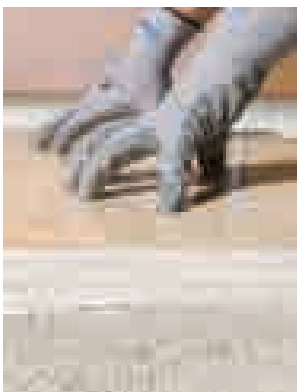
Keraflex Maxi S1 Zero

High-performance cementitious grey adhesive with no vertical slip, with Low Dust technology, extended open time and deformable with excellent workability. Suitable for laying large-sized ceramic tiles and stone material, with very low emission level of volatile organic compounds and offset residual greenhouse gas emissions.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: > 30 minutes.
Waiting time before grouting: on walls: 4-8 hours;
 on floors: 24 hours.
Set to light foot traffic: approx. 24 hours.
Ready for use: approx. 14 days.
Deformability according to EN 12004: S1 - deformable.
Colours: grey.
Application: N° 4, 5, 6 or 10 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 1.2 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Keraquick Maxi S1

High-performance, deformable, rapid-setting and hydrating, non-slip cementitious adhesive with very low emission of volatile organic compounds for ceramic tiles and in particular for stone, including large formats. Suitable for application in layers up to 15 mm thick.



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Open time: 20 minutes.
Waiting time before grouting: 2-3 hours.
Set to foot traffic: approx. 2-3 hours.
Ready for service: approx. 24 hours (3 days for tubs and swimming pools).
Deformability according to EN 12004:
 S1 - deformable.
Colours: grey and white.
Application: N° 4, 5, 6 or 10 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (23 kg and 25 kg bags), 24 months (5 kg bags).
Consumption: 1.2 kg/m² per mm of thickness.
Packaging: 23 kg and 25 kg bags and boxes of 4x5 kg Alupack.

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



Keraset

Cementitious adhesive for ceramic tiles (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Pot life of mix: 6-8 hours.
Open time: 20 minutes.
Waiting time before grouting:
 – on walls: 3-6 hours;
 – on floors: 24 hours.
Set to light foot traffic: approx. 24 hours.
Ready for use: approx. 14 days.
Colours: grey and white.
Application: N° 4, 5 or 6 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags.



Latex Plus

Elasticising latex to be mixed with KERAQUICK MAXI S1. When KERAQUICK MAXI S1 is mixed with LATEX PLUS it forms a high-performance, quick-setting, highly-deformable adhesive (C2F/S2).



TECHNICAL DATA OF LATEX PLUS + KERAQUICK MAXI S1:

Pot life of mix: 45 minutes.
Open time: 20 minutes.
Waiting time before grouting: 2-3 hours.
Set to light foot traffic: approx. 2-3 hours.
Ready for use: approx. 24 hours. (3 days for basins and swimming pools).
Deformability according to EN 12004: S2 - highly deformable.
Application: N° 4, 5, 6 or 10 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage (LATEX PLUS): 24 months. Protect from frost.
Consumption: to be calculated according to the amount of KERAQUICK MAXI S1 mixing ratio.
Packaging: 10 kg drums.



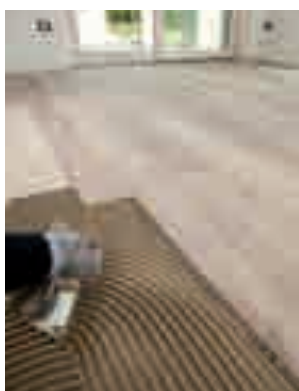
Tixobond White

High-performance, ultra-white cementitious adhesive with no vertical slip and long open time for ceramic tiles (thickness of adhesive up to 15 mm).



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: 30 minutes.
Waiting time before grouting:
 – on walls: 4-8 hours;
 – on floors: 24 hours.
Set to light foot traffic: 24 hours.
Ready for use: approx. 14 days.
Colour: white.
Application: N° 4, 5, 6 or 10 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 1.2 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Ultralite Flex

One-component, high-performance lightweight cementitious adhesive with moderate deformability, no vertical slip, extended open time, Low Dust technology, very high yield, good trowellability and high wetting capacity for ceramic tiles, stone material and thin porcelain tiles.



TECHNICAL DATA:

Pot life of mix: more than 8 hours.
Open time: > 30 minutes.
Waiting time before grouting: 4-8 hours.
Set to foot traffic: 24 hours.
Ready for service: 14 days.
Colour: white or grey.
Application: N° 4, 5, 6 or 10 notched trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 0.8 kg/m² per mm of thickness, equivalent to 1.5-2.5 kg/m².
Packaging: 15 kg bags.



Ultralite S1

One-component, high-performance, deformable, lightweight cementitious adhesive with no vertical slip, long open time, Low Dust technology and extremely high yield easy to apply by trowel, for ceramic tiles and stone material.



UltraLite
Technology.

TECHNICAL DATA:

Pot life of mix: more than 8 hours.

Open time: > 30 minutes.

Waiting time before grouting:

– on walls: 4-8 hours;

– on floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Deformability according to EN 12004: S1 - deformable.

Colour: grey and white.

Application: N° 4, 5, 6 or 10 notched trowel.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Consumption: 1.5-2.5 kg/m².

Packaging: 15 kg bags.



Ultralite S1 Quick

One-component, high-performance, deformable, lightweight, rapid-setting and hydrating cementitious adhesive with no vertical slip, good trowelability, high wetting capacity and very high yield, for ceramic tiles, stone and thin porcelain tiles.



UltraLite
Technology.



TECHNICAL DATA:

Pot life of mix: 50 minutes.

Open time: ≥ 20 minutes.

Grouting of joints:

– on walls: after 2-3 hours.

– on floors: after 2-3 hours.

Set to light foot traffic: 2-3 hours.

Ready for use: 24 hours.

Colours: grey and white.

Application: N° 4, 5, 6 or 10 notched trowel.

Deformability according to EN 12004: S1 - deformable.

Storage: 12 months.

Consumption: 1.5-2.5 kg/m².

Packaging: 15 kg bags.



Ultralite S2

One-component, high-performance, highly-deformable, lightweight cementitious adhesive with extended open time, very high yield, easy to trowel and good buttering capacity, for ceramic tiles and stone, ideal for thin porcelain tiles.



UltraLite
Technology.

UltraLite
Technology.

TECHNICAL DATA:

Pot life of mix: more than 8 hours.

Open time: > 30 minutes.

Waiting time before grouting:

– on walls: 4-8 hours;

– on floors: 24 hours.

Set to light foot traffic: approx. 24 hours.

Ready for use: approx. 14 days.

Deformability according to EN 12004: S2 - highly deformable.

Colour: grey and white.

Application: n° 4, 5, 6 or 10 notched trowel.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Consumption: 0.8 kg/m² per mm of thickness, equivalent to 1.5-2.5 kg/m².

Packaging: 15 kg bags.



Ultralite S2 Quick

One-component, high-performance, highly-deformable, lightweight, rapid-setting and hydrating cementitious adhesive with extended open time, good trowelability, high wetting capacity and extremely high yield, for ceramic tiles and stone, ideal for installing thin porcelain tiles.



UltraLite
Technology.



TECHNICAL DATA:

Pot life of mix: 50 minutes.

Open time: ≥ 30 minutes.

Grouting of joints:

– on walls: after 2-3 hours.

– on floors: after 2-3 hours.

Set to light foot traffic: 2-3 hours.

Ready for use: 24 hours.

Colours: grey and white.

Application: N° 4, 5, 6 or 10 notched trowel.

Deformability according to EN 12004: S2 - highly deformable.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Consumption: 1.5-2.5 kg/m².

Packaging: 15 kg bags.

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL

4.2 Synthetic resin-based adhesives



Adesilex P22

Ready-to-use adhesive paste with no vertical slip and long open time for ceramic tiles (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Where to use: walls only.
Open time: ≥ 30 minutes.
Waiting time before grouting: 24 hours.
Ready for use: 7-14 days.
Deformability: highly deformable.
Colour: white.
Application: N° 4 or 5 notched trowel.
Storage: 24 months. Protect from frost.
Consumption: 1.5-2.5 kg/m².
Packaging: 5, 12 and 25 kg drums and 1x12 packs.



Fix & Grout Brick

Ready to use, high-performance adhesive paste with BioBlock® mould-resistant technology for bonding brick slips and light weight cementitious and synthetic resin conglomerate decorative elements on internal and external surfaces.



TECHNICAL DATA:

Open time: 20 minutes.
Adjustment time: 30-35 minutes.
Grouting: clean off adhesive which runs out of the joint with a damp brush within 20 minutes (depending on surrounding conditions).
Colours: white, grey and beige.
Application: notched trowel or brush.
Storage: 24 months.
Consumption: 1.4-4.2 kg/m².
Packaging: 12 kg drums.



Ultramastic III

Ready-to-use, high-performance adhesive paste with no vertical slip and long open time, for laying ceramic tiles on walls and floors (thickness of adhesive up to 5 mm).



TECHNICAL DATA:

Open time: ≥ 30 minutes.
Adjustment time: up to 35-40 minutes according to the absorption of the substrate, the tiles and the surrounding conditions.
Waiting time before grouting: 12-24 hours.
Set to light foot traffic: approx. 2 days.
Ready for use: approx. 7 days.
Deformability: highly deformable.
Colour: white.
Application: N° 4, 5 or 6 notched trowel.
Storage: 24 months. Protect from frost.
Consumption:
– 1.5-2.5 kg/m² on walls;
– 3-4 kg/m² on floors.
Packaging: 1, 5, 12, 16 kg drums.

4.3 Reactive adhesives



Keralastic

Two-component, high-performance polyurethane adhesive for ceramic tiles and stone material.



TECHNICAL DATA:

Open time: 50 minutes.
Waiting time before grouting: 12 hours.
Set to light foot traffic: approx. 12 hours.
Ready for use: approx. 7 days.
Deformability: highly deformable.
Colours: grey and white.
Application: N° 4 or 5 notched trowel.
Storage: 24 months.
Consumption: 2.5 -5 kg/m².
Packaging: 5 and 10 kg units (A : B = 94 : 6 parts by weight).



Keralastic T

Two-component, high-performance polyurethane adhesive with no vertical slip for ceramic tiles and stone material.



TECHNICAL DATA:

Open time: 50 minutes.
Waiting time before grouting: 12 hours.
Set to light foot traffic: approx. 12 hours.
Ready for use: approx. 7 days.
Deformability: highly deformable.
Colours: grey and white.
Application: N° 4 or 5 notched trowel.
Storage: 24 months.
Consumption: 2.5 -5 kg/m².
Packaging: 5 and 10 kg units (A:B = 94 : 6 parts by weight).



Kerapoxy Adhesive

Two-component epoxy adhesive with no vertical slip for ceramic tiles and stone material.



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Open time: 60 minutes.
Set to light foot traffic: approx. 10-12 hours.
Ready for use: 2 days.
Colours: grey and white.
Application: suitable notched trowel.
Storage: 24 months.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 10 kg units.



Ultrabond Eco PU 2K

Two-component, solvent-free, high performance, non-slip polyurethane adhesive with very low emission level of volatile organic compounds (VOC) for ceramic and stone tiles.



TECHNICAL DATA:

Open time: 20 minutes.
Waiting time before grouting: 12 hours.
Set to foot traffic: approx. 12 hours.
Ready for service: approx. 7 days.
Deformability: good.
Colours: grey and white.
Application: N° 4 or 5 notched spreader.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 2.5 -5 kg/m².
Packaging: 10 kg kit (A:B = 88:12 parts in weight).



GROUTS FOR CERAMIC TILES

5. GROUTS FOR CERAMIC TILES

5.1 Cementitious grouts



Fugolastic

Polymer liquid admix for KERACOLOR FF, KERACOLOR GG and KERACOLOR SF.

TECHNICAL DATA OF FUGOLASTIC + KERACOLOR:

Pot life of mix: approx. 2 hours.
Waiting time before finishing: 10-20 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: 7-10 days.
Application: rubber MAPEI trowel or rake.
Finishing: MAPEI sponge or Scotch-Brite® pad.
Storage: 24 months. Protect from frost.
Consumption: according to the size of the joints.
Packaging: 5, 10 kg drums and 12x1 kg packages.



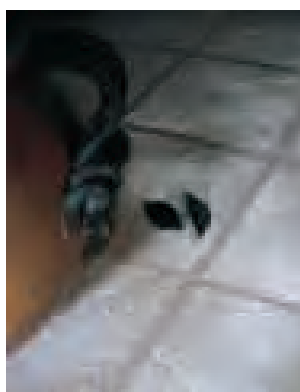
Keracolor FF

Pre-blended, high-performance, polymer-modified cementitious mortar with water-repellent DropEffect® technology for grouting joints up to 6 mm wide.



TECHNICAL DATA:

Pot life of mix: approx. 2 hours.
Waiting time before finishing: 10-20 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: 7-10 days.
Colours: 15.
Application: rubber MAPEI trowel or rake.
Finishing: MAPEI sponge or Scotch-Brite® pad.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (25 kg bags), 24 months (5 kg bags).
Consumption: according to the size of the joints.
Packaging: 25 kg bags and 4x5 kg Alupack boxes.



Keracolor GG

Pre-blended, high-performance polymer-modified cementitious mortar for grouting joints 4 to 15 mm wide.



TECHNICAL DATA:

Pot life of mix: approx. 2 hours.
Waiting time before finishing: 10-20 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: 7-10 days.
Colours: 14.
Application: rubber MAPEI trowel or rake.
Finishing: MAPEI sponge or Scotch-Brite® pad.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (22-25 kg bags), 24 months (5 kg bags).
Consumption: according to the size of the joints.
Packaging: 25 kg bags and 4x5 kg Alupack boxes, according to the colour.



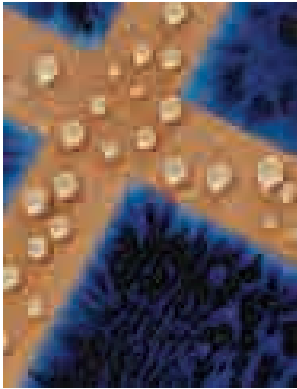
Keracolor SF

Fine-grained, high-performance white cementitious mortar for grouting joints up to 4 mm wide.



TECHNICAL DATA:

Pot life of mix: approx. 2 hours.
Waiting time before finishing: 10-20 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: 7 days.
Colour: white.
Application: rubber MAPEI trowel or rake.
Finishing: MAPEI sponge or Scotch-Brite® pad.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months (22 kg bags), 24 months (5 kg bags).
Consumption: according to the size of the joints.
Packaging: 22 kg bags and 4x5 kg Alupack boxes.



Ultracolor Plus

High-performance, anti-efflorescence, quick-setting and drying polymer-modified mortar with water-repellent DropEffect® and mould-resistant BioBlock® technology for grouting joints 2 to 20 mm wide.



TECHNICAL DATA:

Pot life of mix: 20-25 minutes.
Waiting time before finishing: 15-30 minutes.
Set to light foot traffic: approx. 3 hours.
Ready for use: 24 hours (48 hours for basins and swimming pools).
Colours: 34.
Application: rubber trowel.
Finishing: MAPEI sponge or Scotch-Brite® pad.
EMICODE: EC1 Plus - very low emission.
Storage:
 - 12 months (23 kg bags);
 - 24 months (2 and 5 kg bags).
Consumption: according to the size of the joints.
Packaging: 23 kg bags and 4x5 kg Alupack and 8x2 kg Alupack boxes, according to the colour.

5.2 Epoxy grouts



Kerapoxy

Two-component, high-performance, anti-acid epoxy mortar and adhesive with no vertical slip for laying and grouting ceramic tiles and stone material (minimum width of joints 3 mm).



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Open time: 30 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: 4 days. After 4 days surfaces may be exposed to chemicals.
Colours: 20.
Application: suitable trowel.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months.
Consumption:
 - for grouting: according to the size of the joints;
 - for bonding: 2-4 kg/m².
Packaging: 5 and 10 kg units and 12x2 kg boxes.



Kerapoxy CQ

Two-component epoxy grout, easy to apply and excellent cleanability, with a bacteriostatic agent and BioBlock® technology, ideal for grouting ceramic tiles and mosaics. Can also be used as an adhesive.

Product is certified by the University of Modena (Italy) according to ISO 22196:2007 standards as a grouting mortar protected against the formation and proliferation of micro-organisms



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: after 4 days surfaces may be exposed to chemicals.
Colours: 19.
Application: rubber MAPEI trowel.
Finishing: MAPEI cellulose sponge.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months.
Consumption: according to the size of the joints.
Packaging: 3 kg units, 10 kg units for colours: 283 sea blue, 282 bardiglio grey, 100 white, 113 cement grey, 114 anthracite and 132 beige 2000.



Kerapoxy Design

Two-component, anti-acid, decorative, translucent epoxy mortar for grouting glass mosaic, ceramic tiles and stone material, used in combination with MAPEGLITTER for a particularly attractive and high quality finish. May also be used as an adhesive.



TECHNICAL DATA:

Pot life of mix: 45 minutes.
Open time (adhesive): 30 minutes.
Adjustment time (adhesive): 60 minutes.
Set to light foot traffic: approx. 24 hours.
Ready for use: after 4 days surfaces may be exposed to chemicals.
Colours: 32.
Application: suitable trowel.
Finishing: MAPEI cellulose sponge.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months.
Consumption: according to the size of the joints.
Packaging: 3 kg units.

5. GROUTS FOR CERAMIC TILES



Kerapoxy IEG

Two-component epoxy mortar with extremely high chemical resistance for grouting joints at least 3 mm wide.



TECHNICAL DATA:

Pot life of mix: 45 minutes.

Set to light foot traffic: approx. 24 hours.

Ready for use: 4 days. After 4 days surfaces may be exposed to chemicals.

Colours: 113 and 130.

Application: rubber MAPEI trowel.

Finishing: Scotch Brite® pad and MAPEI sponge (or single-head rotary polisher with Scotch Brite® type abrasive felt disk and rubber rake).

EMICODE: EC1 Plus - very low emission.

Storage: 24 months.

Consumption: according to the size of the joints.

Packaging: 10 kg units.



Kerapoxy P

Easy-to-apply, two-component, anti-acid epoxy mortar with good cleanability properties for grouting joints at least 3 mm wide.



TECHNICAL DATA:

Pot life of mix: 45 minutes.

Set to light foot traffic: approx. 24 hours.

Ready for use: 4 days. After 4 days surfaces may be exposed to chemicals.

Colours: 113.

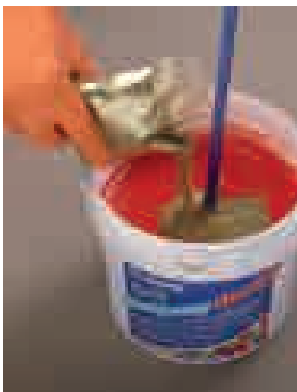
Application: rubber MAPEI trowel.

Finishing: Scotch Brite® pad and MAPEI sponge (or single-head rotary polisher with Scotch Brite® type abrasive felt disk and rubber rake).

Storage: 24 months.

Consumption: according to the size of the joints.

Packaging: 10 kg units.



MapeGlitter

Polyester, aluminium and epoxy resin metal-effect coloured glitter mixed with used for mixing with KERAPOXY DESIGN.

TECHNICAL DATA:

Maximum dosage: 10% by weight of KERAPOXY DESIGN.

Colours: silver and light gold. 22 other colours available upon request.

Packaging: boxes of 10x100 g packets.

5.3 Ready-to-use paste products



Flexcolor

Ready-to-use, polymer filler paste with water-repellent DropEffect® and mould-resistant BioBlock® technology for grouting joints in ceramic tiles 2 to 10 mm wide.



TECHNICAL DATA:

Waiting time before finishing: from 15-20 minutes, according to surrounding conditions and absorption of the tiles.

Set to light foot traffic: 48 hours.

Ready for use: 7 days.

Colours: 100 white, manhattan 2000 110, 111 silver-grey, medium grey 112 and 132 beige 2000.

Application: rubber trowel.

Finishing: Scotch-Brite® pad and MAPEI sponge.

Storage: 12 months.

Consumption: according to the size of the joints.

Packaging: 5 kg drums.

Mapei Coloured Grouts	Ultracolor Plus	Keracolor SF	Keracolor FF	Keracolor GG	Keracolor PPN	Flexcolor	Kerapoxy	Kerapoxy CQ	Kerapoxy IEG	Kerapoxy P	Kerapoxy Design	MapeGlitter	Fix & Grout Brick	MapeSil AC	MapeSil LM
100 WHITE	●	●	●	●		●	●	●					●	●	●
799 WHITE											●				
103 MOON WHITE	●		●								●			●	
710 ICE WHITE											●				
700 TRANSLUCENT											●				
111 SILVER GREY	●		●	●		●	●	●			●			●	●
110 MANHATTAN 2000	●		●	●		●	●				●			●	●
112 MEDIUM GREY	●		●	●		●	●							●	●
282 BARDIGLIO GREY								●							
720 PEARL GREY											●				
728 DARK GREY											●				
113 CEMENT GREY	●		●	●	●		●	●	●	●	●		●	●	●
115 RIVER GREY	●										●				
116 MUSK GREY	●										●				
174 TORNADO	●										●				
119 LONDON GREY	●										●				
114 ANTHRACITE	●		●	●			●	●			●			●	●
120 BLACK	●						●	●						●	●
137 CARIBBEAN	●										●			●	
130 JASMINE	●		●	●			●	●	●		●			●	●
290 CREAM								●							
131 VANILLA	●		●	●			●							●	
138 ALMOND	●										●			●	
729 SAHARA YELLOW											●				
132 BEIGE 2000	●		●	●		●	●	●			●		●	●	●
133 SAND	●										●			●	
134 SILK	●										●			●	
139 PINK POWDER	●										●			●	
141 CARAMEL	●		●	●			●							●	
135 GOLDEN DUST	●										●			●	
152 LIQUORICE	●										●			●	
142 BROWN	●		●	●			●				●			●	
147 CAPPUCINO								●							
136 MUD	●										●			●	
144 CHOCOLATE	●		●	●			●				●			●	
146 RICH BROWN								●			●				
149 VOLCANO SAND	●										●			●	
145 TERRA DI SIENA	●		●	●			●							●	
143 TERRACOTTA	●							●						●	
172 SPACE BLUE	●							●						●	
170 CROCUS BLUE	●		●	●			●	●			●			●	
162 VIOLET	●						●	●						●	
171 TURQUOISE	●						●							●	
173 OCEAN BLUE								●			●			●	
283 SEA BLU								●			●			●	
182 TORMALINE								●						●	
183 LIME GREEN								●						●	
150 YELLOW	●						●				●			●	
151 MUSTARD YELLOW								●						●	
165 CHERRY RED								●			●			●	
999 TRANSPARENT														●	●
LIGHT GOLD															
SILVER															

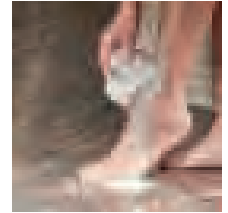
Due to the printing processes involved, the colours should be taken as merely indicative of the shades of the actual products.

Mapei Coloured Grouts

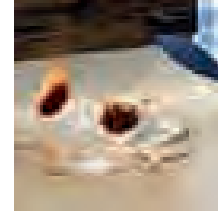
Beauty which resists everything.



EASY TO CLEAN



MOULD-RESISTANT



DURABLE AND STRONG



WIDE RANGE OF COLOURS

A range of high-quality, highly-functional products rich in colour for internal and external use. Solvent-free, with very low emission of volatile organic compounds (VOC) and certified in compliance with the most strict international standards. Suitable for all types and formats of floors and walls: ceramic tiles, cotto, stone material, mosaics and metal. Available as cementitious, grouting paste and epoxy grout. **Mapei Coloured Grouts.** The choice that completes every project. From Mapei, world leader in the production of grouts and adhesives. **Mapei is by your side: let's take a deeper look together at www.mapei.it**





**SYSTEMS FOR LAYING
AND GROUTING ARCHITECTURAL
STONE PAVING**

6. SYSTEMS FOR LAYING AND GROUTING ARCHITECTURAL STONE PAVING



Keracolor PPN

High-strength, quick-setting pozzolan mortar with very low water absorption for grouting paved floors with joints from 5 to 30 mm wide subject to heavy loads and intense traffic.

In compliance with UNI 11714-1:2018 standard



TECHNICAL DATA:

Pot life of mix: 20 minutes.

Set to light foot traffic: 1 hour.

Ready for use: 3 days for light to medium traffic, 7 days for heavy traffic.

Colour: 113 cement grey.

Application: rubber MAPEI trowel or rake.

Cleaning: MAPEI sponge or Scotch Brite® pad (or single-head rotary polisher with Scotch Brite® type abrasive felt disk). As an alternative, hydro-cleaner once it has started to harden.

Storage: 12 months.

Consumption: according to the size of the joints and slabs.

Packaging: 25 kg bags.



Mapestone Joint

One-component, solvent-free, non-flammable polyurethane binder with a characteristic odour for creating elastic and pervious architectural road surfaces.

Areas of use: sealing grout lines between setts, paving bricks and cobblestones used to create architectural road; surfaces for vehicle use installing and sealing paving for pedestrian and light vehicle use.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Consumption: with 1 kg of MAPESTONE JOINT it is possible to seal 1 m² of approx. 8-10 cm setts.

Packaging: 25 litre tanks, 20 kg drums and 1000 kg IBCS.



Mapestone Joint Cleaner

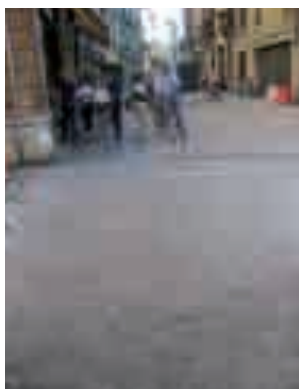
Specific odourless cleaner for residues of MAPESTONE JOINT and tools. It can be used for any type of stone.

TECHNICAL DATA:

Colour: transparent.

Consumption: depends on the amount of dirt that needs to be removed.

Packaging: is available in 5 litre and 25 litre drums.



Mapestone PFS 2

Pre-blended mortar for grouting architectonic stone floors with exceptional physical-chemical characteristics suitable for areas exposed to dry/damp cycles specified by exposure class XF4, with high compressive strength and good resistance to de-icing salts, freeze-thaw cycles and seawater.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Pot life of mix: 20 minutes.

Waiting time before putting into service: 7 days.

Colour: basic and Dark Grey.

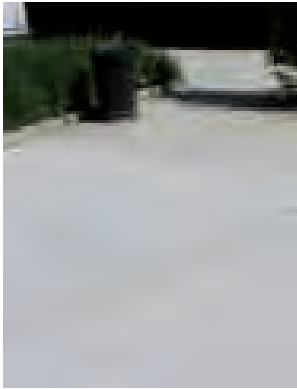
Application: rubber MAPEI trowel or rake.

Cleaning: wet sponge and then light, steady jet of water or with a suitable cleaning machine.

Storage: 12 months.

Consumption: according to the size of the joints slabs and stone.

Packaging: 25 kg bag.



Mapestone PFS 2 Visco

Low viscosity ready-mixed mortar with high compressive strength and resistant to de-icing salts, freeze-thaw cycles and seawater, with exceptional physical-chemical characteristics suitable for areas exposed to dry/damp cycles specified by exposure class XF4, for grouting architectural slab and block-paved road surfaces.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Pot life of mix: 40 mins.

Waiting time before putting into service: 7 days.

Colour: basic and Dark Grey.

Application: slurry poured into grout lines using suitable containers.

Cleaning: wet sponge and then light, steady jet of water or with a suitable cleaning machine.

Storage: 12 months; protect from moisture.

Consumption: according to the thickness of the slabs/blocks and the width and depth of the grout lines.

Packaging: 25 kg bags.



Mapestone PFS PCC 2

Pre-blended, polymer-modified mortar with a low modulus of elasticity, high compressive strength and good resistance to de-icing salts, freeze-thaw cycles and seawater with exceptional physical-chemical characteristics suitable for areas exposed to dry/damp cycles specified by exposure class XF4, for grouting architectural stone floors.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Pot life of mix: 20 minutes.

Waiting time before putting into service: 7 days.

Colour: basic.

Application: rubber MAPEI trowel or rake.

Cleaning: wet sponge and then light, steady jet of water or with a suitable cleaning machine.

Storage: 12 months.

Consumption: according to the size of the joints and slabs.

Packaging: 25 kg bag.



Mapestone Scraper

Acid-based cleaner for architectural stone paving.

TECHNICAL DATA:

pH of the liquid: 1.1.

Application: let the product act for 5-10 minutes, scrub with a brush or an abrasive sponge (medium grit Scotch Brite®) until all visible stains have disappeared.

Storage: 24 months in the original packaging.

Consumption: depending on the needs.

Packaging: 25 kg plastic drums; 5 kg plastic drums; 1 kg bottles in boxes of 12x1 kg.



Mapestone TFB 60

Pre-blended mortar with high compressive strength and good resistance to de-icing salts, freeze-thaw cycles and seawater with exceptional physical-chemical characteristics suitable for areas exposed to dry/damp cycles specified by exposure class XF4, for installation screeds for architectural stone flooring.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Mixing ratio: 1 25 kg sack of MAPESTONE TFB 60 with 1.8-2 l of water.

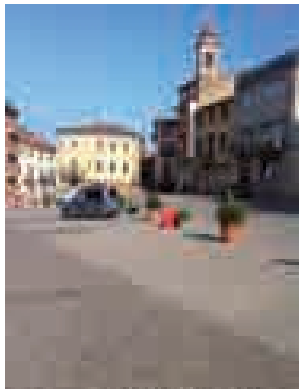
Waiting time before putting into service: 7 days.

Grout joints with the products from the Mapestone PFS 2 range: fresh on fresh.

Storage: 12 months.

Consumption: 20 kg/m² per centimetre of thickness.

Packaging: 25 kg bag.



Mapestone TFB Cube **NEW**

Pre-mixed mortar for installation screed of architectural stone paving, suitable for class of exposure XF4 and XS3, with high compressive strength and resistance to de-icing salts, freeze-thaw cycles, and seawater.

In compliance with UNI 11714-1:2018 standard

TECHNICAL DATA:

Mixing ratio: 1 25 kg bag of MAPESTONE TFB CUBE with 1.8-2 l of water.

Waiting time before putting into service: 7 days.

Grout joints with the products from the MAPESTONE PFS 2 range: fresh on fresh.

Storage: 12 months.

Consumption: 20 kg/m² per centimetre of thickness.

Packaging: 25 kg bag.





Mapeflex PU 45

ELASTIC SEALANTS AND ADHESIVES

7. ELASTIC SEALANTS AND ADHESIVES

7.1 Acetic silicone sealants

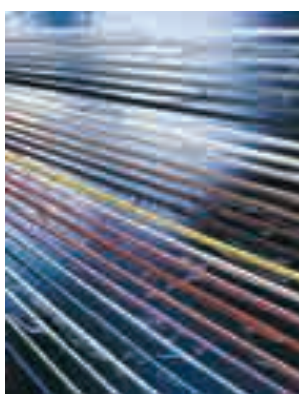


Mapesil 300°C

Acetic silicone sealant for high temperatures.

**TECHNICAL DATA:**

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.60 N/mm².
Shore A hardness: 20.
Workability time: 6' (+23°C, 50% R.H.).
Colours: black.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 3.0 linear metres per 300 ml cartridge (10x10 mm section).
Packaging: 300 ml cartridge.



Mapesil AC

Pure, mould-resistant, acetic silicone sealant with BioBlock® technology for movements up to 25%.

**TECHNICAL DATA:**

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.35 N/mm².
Shore A hardness: 20.
Workability time: 10 minutes.
Colours: 34 colours + transparent.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 3.1 linear metres per 310 ml cartridge (10x10 mm section).
Packaging: 310 ml cartridges.



Mapesil U

Multi-purpose mould-resistant acetic silicone sealant for movements up to 20%.

**TECHNICAL DATA:**

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.36 N/mm².
Shore A hardness: 18.
Workability time: 20 mins.
Colours: transparent, white.
Application: silicone gun.
Consumption: 2.8 meters per 280 ml cartridge (10x10 mm section).
Packaging: 280 ml cartridges.



Mapesil Z Plus

Mould-resistant acetic silicone sealant for sanitary fittings for movements up to 20%.

**TECHNICAL DATA:**

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.36 N/mm².
Shore A hardness: 18.
Workability time: 25'.
Colours: transparent, white, 113 grey, 130 jasmine.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 2.8 linear metres per 280 ml cartridge (10x10 mm section).
Packaging: 280 ml cartridges.

7.2 Polyurethane sealants and adhesives

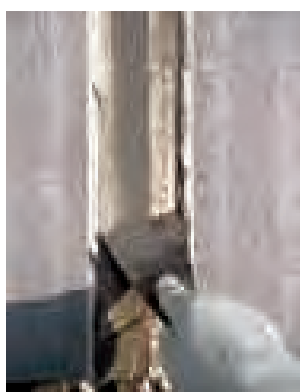


Mapeflex E-PU 21 SL **NEW**

Two-component, high-strength, castable epoxy polyurethane sealant with high modulus of elasticity.

TECHNICAL DATA:

Movement in service: 10%.
Shore A hardness: 60.
Workability time: 50 minutes.
Set to traffic: 24-36 h.
Colour: 113 grey.
Application: by pouring.
Consumption: 0.14 kg/linear metres (10x10 mm section).
Packaging: 5 (A+B).



Mapeflex E-PU 30 NS **NEW**

Two-component, high-strength, epoxy-polyurethane sealant with high modulus of elasticity.

TECHNICAL DATA:

Movement in service: 10%.
Shore A hardness: 60.
Workability time: 40 minutes.
Set to traffic: 24-36 h.
Colour: 113 grey.
Application: trowel.
Consumption: 0.14 kg/linear metres (10x10 mm section).
Packaging: 5 (A+B).



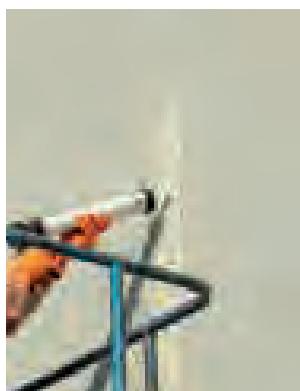
Mapeflex PU35 CR

Polyurethane sealant with high modulus of elasticity, resistant to chemicals, suitable for clean rooms and environments with food and beverages.



TECHNICAL DATA:

Movement in service (%): 25 (with PRIMER M or PRIMER A).
Modulus of elasticity at 100% elongation: 0.8 N/mm².
Shore A hardness (DIN 53505): 36.
Workability time: 90 minutes.
Colour: grey 113.
EMICODE: EC 1 R Plus - very low emission.
Application: extrusion gun.
Consumption: 6.0 meters per 600 ml tube (10x10 mm section).
Confezione: 600 ml soft-cartridge.



Mapeflex PU 40

Paintable polyurethane sealant with a low modulus of elasticity for movements up to 25%.



TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.24 N/mm².
Shore A hardness: 27.
Workability time: 3 hours.
Colours: white, grey 111, grey 112.
Application: extrusion gun.
Consumption:
 - 3.0 linear metres per 300 ml cartridge;
 - 6.0 linear metres per 600 ml soft-cartridges (10x10 mm section).
Packaging: 300 ml cartridges, 600 ml soft-cartridges.

7. ELASTIC SEALANTS AND ADHESIVES



Mapeflex PU 45 FT

Rapid-hardening paintable polyurethane sealant and adhesive with a high modulus of elasticity for movements up to 20%.



TECHNICAL DATA:

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.80 N/mm².
Shore A hardness: 38.
Workability time: 35 mins.
Colours: white, 111 grey, 113 grey, black, brown and beige.
Application: silicone gun.
Consumption: 3.0 meters per 300 ml cartridge, 6.0 meters per 600 ml tube (10x10 mm section).
Packaging: 300 ml cartridge, 600 ml tube.



Mapeflex PU50 SL

Paintable, castable polyurethane sealant with a low modulus of elasticity for movements up to 25%.



TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.25 N/mm².
Shore A hardness: 22.
Workability time: 2 hours.
Colour: 111 grey.
Application: pouring, pressure pump.
Consumption: 6.0 linear metres per 600 ml soft-cartridge (10x10 mm section).
Packaging: 600 ml soft-cartridges and 12 kg drums.



Mapeflex PU 65

Two-component, castable polyurethane sealant for sealing joints in roads up to surface level, mixed with QUARTZ 0.5 sand at a ratio of up to 1:1 by weight. Setting and hardening may be accelerated by adding a specific liquid accelerator MAPEFLEX PU 65 CATALYST.

TECHNICAL DATA:

Shore A hardness: 80.
Workability time: 2-3 hours.
Colour: black.
Application: by pouring.
Consumption: 1.2 kg/linear metres (10x10 mm section).
Packaging: 10 kg drums (A+B).



Mapeflex PU 70 NS

Two-component, thixotropic, polyurethane sealant with low modulus of elasticity, resistant to hydrocarbons, for movements up to 25%.

TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.6 N/mm².
Shore A hardness: 30.
Workability time: 45 minutes.
Colour: black.
Application: spreader, extrusion gun.
Consumption: 0.15 kg/metre (10x10 mm section).
Packaging: 5 kg drums.



Mapeflex PU 70 SL

Two-component free-flowing elastic polyurethane sealant with a low modulus of elasticity, for joints with movements up to 25% with low modulus of elasticity, resistant to hydrocarbons.

TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.30 N/mm².
Shore A hardness: 18.
Workability time: 45 mins.
Colours: black.
Application: pouring, pressure pump.
Consumption: 0.15 kg/meter (10x10 mm section).
Packaging: 10 kg drums (A+B).

7.3 Neutral silicone sealants



Mapesil BM

Neutral silicone sealant for metal-work for movements up to 25%.



TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.35 N/mm².
Shore A hardness: 25.
Workability time: 15 minutes.
Colours: transparent, grey, copper and dark brown.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 3.1 linear metres per 310 ml cartridge (10x10 mm section).
Packaging: 310 ml cartridges.



Mapesil GP

Neutral mould-resistant silicone sealant for building work for movements up to 20%.



TECHNICAL DATA:

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.37 N/mm².
Shore A hardness: 24.
Workability time: 35 mins.
Colour: transparent, white, grey-white, grey, copper and dark brown.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 2.8 linear metres per 280 ml cartridge (10x10 mm bead).
Packaging: 280 ml cartridges.



Mapesil LM

Neutral silicone mould-resistant sealant with BioBlock® technology for stone for movements up to 25%.

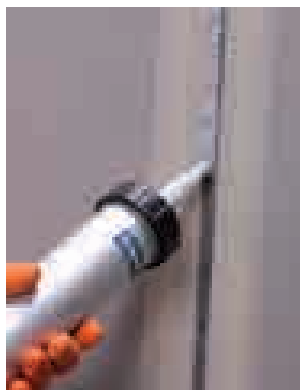


TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.35 N/mm².
Shore A hardness: 21.
Workability time: 15 minutes.
Colours: transparent, 100 white, 110 grey, 111 grey, 112 grey, 113 cement grey, 114 grey, 120 black, 130 jasmine and 132 beige (see "MAPEI Coloured Grouts").
Application: extrusion gun.
Consumption: 3.1 linear metres per 310 ml cartridge (10x10 mm section).
Packaging: 310 ml cartridges.

7. ELASTIC SEALANTS AND ADHESIVES

7.4 Hybrid sealants and adhesives



Mapeflex MS 40

Hybrid sealant with low modulus of elasticity also for wet substrates, for movements up to 25%.



TECHNICAL DATA:

Movement in service: 25%.
Modulus of elasticity at 100% elongation: 0.45 N/mm².
Shore A hardness: 25.
Workability time: 40 minutes.
Colours: white, grey 111, grey 113.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 6 metres per 600 ml sausage (10x10 mm section).
Packaging: 600 ml sausage.



Mapeflex MS 45

Paintable hybrid sealant and adhesive with a high modulus of elasticity also for wet substrates, for movements up to 20%.



TECHNICAL DATA:

Movement in service: 20%.
Modulus of elasticity at 100% elongation: 0.66 N/mm².
Shore A hardness: 43.
Workability time: 35' (+23°C, 50% R.H.).
Colours: white, 113 grey, brown, black.
EMICODE: EC1 Plus - very low emission.
Certification: certificate for contact with drinking water.
Application: extrusion gun.
Consumption: 3.0 linear metres per 300 ml cartridge (10x10 mm section).
Packaging: 300 ml cartridge, 600 ml sausages.



Mapeflex MS Crystal

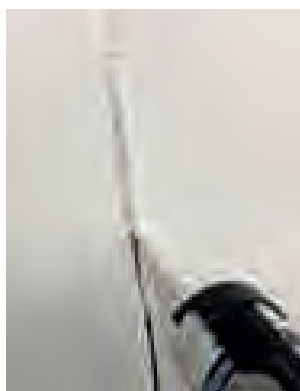
Elastic high modulus, flexible, crystal clear, paintable, hybrid sealant and adhesive. Also suitable for damp surfaces.



TECHNICAL DATA:

Movement in service: 20%.
Modulus of elasticity at 10% elongation: 0.6 N/mm².
Shore A hardness: 35.
Workability time: 20 minutes.
Colours: crystal clear.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 3.0 linear metres per 300 ml cartridge (10x10 mm section).
Packaging: 300 ml cartridges.

7.5 Other sealants



Mapeflex AC3

Paintable acrylic sealant with a smooth finish for movements up to 7.5%.



TECHNICAL DATA:

Movement in service: 7.5%.
Modulus of elasticity at 50% elongation: 0.20 N/mm².
Shore A hardness: 53.
Workability time: 20 minutes.
Colours: white and grey.
EMICODE: EC1 Plus - very low emission.
Application: extrusion gun.
Consumption: 3.1 metres per 310 ml cartridge (10x10 mm section).
Packaging: 310 ml cartridge.



Mapeflex AC4

Paintable acrylic sealant for movements up to 12.5% with a smooth effect.



TECHNICAL DATA:

Movement in service: 12.5%.

Modulus of elasticity at 50% elongation: 0.20 N/mm².

Shore A hardness: 10.

Workability time: 10 minutes.

Colours: white and grey.

EMICODE: EC1 Plus - very low emission.

Application: extrusion gun, trowel, pneumatic pump.

Consumption: 3.1 linear metres per 310 ml cartridge (10x10 mm section).

Packaging: 310 ml cartridges and 550 ml soft-cartridges.



Mapeflex AC-FR 2

Paintable acrylic sealant for fire-break joints with movements up to 12.5%. Resistant to fire for up to 240 minutes. Certified according to EN 1366-4, EN 13501-1, EN 13501-2.



TECHNICAL DATA:

Movement in service: 12.5%.

Modulus of elasticity at 50% elongation: 0.11 N/mm².

Shore A hardness: 15.

Workability time: 15 minutes.

Colour: grey.

EMICODE: EC1 Plus - very low emission.

Application: extrusion gun for sausages.

Consumption: 5.5 meters per 550 ml sausage (10x10 mm section).

Packaging: 550 ml sausage.



Mapeflex AC-P

Paintable acrylic sealant with a render-effect finish for movements up to 12.5%.



TECHNICAL DATA:

Movement in service: 12.5%.

Modulus of elasticity at 50% elongation: 0.11 N/mm².

Shore A hardness: 15.

Workability time: 15 minutes.

Colour: white.

EMICODE: EC1 Plus - very low emission.

Application: extrusion gun, trowel.

Consumption: 3.1 linear metres per 310 ml cartridge (10x10 mm section).

Packaging: 310 ml cartridges.



Mapeflex Blackfill

Bituminen sealant.

TECHNICAL DATA:

Movement in service: plastic product.

Dry solids content: 90%.

Elongation at failure: 65%.

Colours: black.

Application: extrusion gun, trowel.

Consumption: 3.0 linear metres per 300 ml cartridge (10x10 mm section).

Packaging: 300 ml cartridge.



Mapeflex Firestop 1200°C

Refractory grout or MAPEPUR GUN SPECIAL.

TECHNICAL DATA:

Movement in service: none.
Workability time: 6' (+23°C, 50% R.H.).
Final hardening time: 4 mm / 24 hours.
Colours: grey.
Application: extrusion gun, trowel.
Consumption: 3.0 meters per 300 ml cartridge (10x10 mm section).
Packaging: 300 ml cartridge.



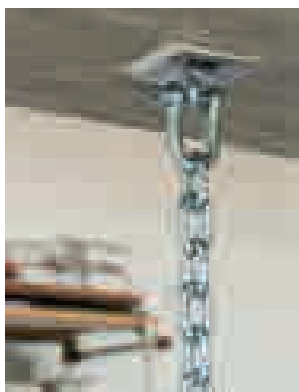
Ultrabond MS Rapid

Rapid-setting, deformable, hybrid assembly adhesive for internal and external use, with a high initial sucker effect.



TECHNICAL DATA:

Viscosity: thixotropic paste.
Open time: 5'.
Initial tensile strength: 25 N.
Final shear strength: 30 kg/cm².
Hardening time: 2 h.
EMICODE: EC1R Plus - very low emission.
Colour: white.
Application: gun.
Consumption: 5 metres of bed (triangular section).
Packaging: 300 ml cartridges.



Ultrabond PU Strong

Ultra-rapid assembly polyurethane adhesive for structural bonds of construction details for internal and external use.



TECHNICAL DATA:

Viscosity: thixotropic paste.
Open time: 4 minutes.
Pressing time: 15-30 minutes.
Resistance to moisture: (EN 204-D4).
Colour: beige.
Application: gun.
Consumption: 15 metres (beads diameter 5 mm).
Packaging: 300 ml cartridges.



Ultrabond Super Grip

Acrylic, deformable assembly adhesive for internal use, with high initial sucker effect.



TECHNICAL DATA:

Viscosity: creamy thixotropic paste.
Open time: 10-15 minutes.
Initial tensile strength: 17 N.
Final tensile strength: 32.5 kg/cm².
Hardening time: 24-48 hours.
Dry solids content: 70%.
EMICODE: EC1 Plus - very low emission.
Colour: white.
Application: extrusion gun.
Consumption: 15 metres of bed (5 mm diameter section).
Packaging: 310 ml cartridges.

7.6 Adhesives for PVC



Adesilex PVC

Adhesive for welding approved low pressure PVC pipes.



TECHNICAL DATA:

Viscosity: thick liquid.

Dry solids content: 30%.

Colour: transparent.

Application: brush.

Consumption: according to requirements.

Packaging: 125 g tube.



Adesilex PVC HP

Adhesive for welding approved low and high pressure PVC pipes.



TECHNICAL DATA:

Viscosity: thick liquid.

Dry solids content: 30%.

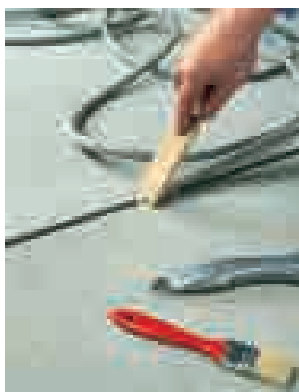
Colour: red.

Application: brush.

Consumption: according to requirements.

Packaging: 125 g tube.

7.7 Accessories and primers for sealants



Mapefoam

Closed-cell, extruded foam polyethylene cord used as a support for elastomer sealants to gauge the correct size of flexible joints.

Supplied in rolls in various lengths according to the diameter of the foam.

TECHNICAL DATA:

Density: 40 kg/m³.

Diameters and packaging:

Ø 6 mm boxes of 550 m - bags of 10 m

Ø 10 mm boxes of 550 m - bags of 10 m

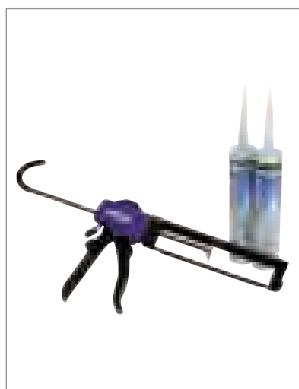
Ø 15 mm boxes of 550 m - bags of 10 m

Ø 20 mm boxes of 350 m - bags of 10 m

Ø 25 mm boxes of 200 m

Ø 30 mm boxes of 160 m

Ø 40 mm boxes of 270 m



Mapei Gun 310

Extrusion gun for 280, 300 and 310 ml cartridges of sealant and chemical anchor.

TECHNICAL DATA:

Maximum cartridge size: diameter 51 mm, length 218 mm.

Suitable for the following MAPEI products:

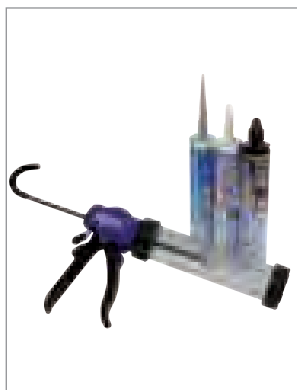
MAPESIL (all types), MAPEFLEX (one-component), ULTRABOND (one-component), MAPEFIX PE WALL 300, MAPEFIX PE SF 300, MAPEFIX VE SF 300.

Weight: 920 g.

Extrusion rate: 18:1.

Pusher travel: 4.5 mm each pull of trigger.

7. ELASTIC SEALANTS AND ADHESIVES



Mapei Gun 310 PRO

Extrusion gun for 280, 300 and 310 ml cartridges of sealant and chemical anchor.

TECHNICAL DATA:

Maximum cartridge size: diameter 51 mm, length 218 mm.

Suitable for the following MAPEI products:

MAPEFIL (all types), MAPEFLEX (one-component), ULTRABOND (one-component).

Weight: 830 g.

Extrusion rate: 18:1.

Pusher travel: 4.5 mm each pull of trigger.



Mapei Gun 420 2K

Extrusion gun for co-axial cartridges up to 420 ml of chemical anchor.

TECHNICAL DATA:

Maximum size of co-axial cartridge: diameter 63 mm, length 185 mm.

Suitable for the following MAPEI products:

MAPEFIX PE WALL 380, MAPEFIX PE SF 420, MAPEFIX VE SF 420.

Weight: 1250 g.

Extrusion rate: 24:1.

Pusher travel: 3 mm each pull of trigger.



Mapei Gun 585 2K

Pro-grade sealant gun for 385, 470 and 585 ml bi-axial MAPEFIX cartridges.

TECHNICAL DATA:

Maximum size of bi-axial cartridge: diameter 54 + 30 mm, length 247 mm.

Suitable for the following MAPEI products:

MAPEFIX EP 385, MAPEFIX EP 470 SEISMIC, MAPEFIX EP 585.

Weight: 1350 g.

Extrusion rate: 24:1.

Pusher travel: 3 mm each pull of trigger.



Mapei Gun 600 PRO

Extrusion gun for 550 ml and 600 ml cartridges of sealant.

TECHNICAL DATA:

Maximum size of bi-axial cartridge: diameter 51 mm, length 335 mm.

Suitable for the following MAPEI products:

MAPEFLEX (550 and 600 ml tubes).

Weight: 1170 g.

Extrusion rate: 18:1.

Pusher travel: 4.5 mm each pull of trigger.



Mapei Gun 825 2K

Extrusion gun for 825 ml bi-axial cartridges of chemical anchor.

TECHNICAL DATA:

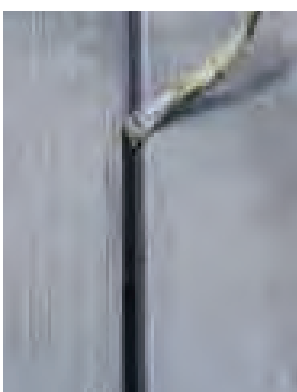
Maximum size of bi-axial cartridge: diameter 78 + 28 mm, length 216 mm.

Suitable for the following MAPEI products: MAPEFIX VE SF 825.

Weight: 1400 g.

Extrusion rate: 24:1.

Pusher travel: 3 mm each pull of trigger.



Primer A

Polyurethane solvent-free primer for absorbent substrate to promote adhesion of MAPEFLEX one-component polyurethane sealants on all types of porous absorbent building substrates such as concrete, mortar, wood and brick.

TECHNICAL DATA:

Application: brush.

Consumption: 5-10 g/m of 1 cm deep joint treated with primer.

Packaging: 250 g and 2 kg canisters.



Primer EP

Two-component epoxy primer in solvent for epoxy-polyurethane sealants.

TECHNICAL DATA:

Workability time after mixing: 4-5 hours.

Application of sealant: after 24 hours.

Colour: transparent.

Application: brush and roller.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 10 kg met. drums (A+B).



Primer FD

One-component primer for silicone sealants.

TECHNICAL DATA:

Application of sealant: after 60 minutes.

Colour: transparent straw yellow.

Application: brush.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 200 g bottles.

7. ELASTIC SEALANTS AND ADHESIVES



Primer M

One-component solvent-free primer for polyurethane adhesives for non-absorbent surfaces.

TECHNICAL DATA:

Application of sealant: after 40 minutes.

Colour: brown.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 250 g bottles, 2 kg metallic drums.



Primer MF

Two-component, solvent-free epoxy primer for epoxy-polyurethane sealants.

TECHNICAL DATA:

Consistency: liquid.

Colour: transparent yellow.

Mixing ratio: comp. A : comp. B = 3 : 1.

Waiting time before laying floors or applying smoothing compound: 24-48 hours according to the surrounding temperature.

Workability time: 90 minutes.

Storage: 24 months.

Application: brush.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 6 kg (A+B) units and 1 kg kits (A+B).



Primer P

One-component primer for sealants applied on plastics.

TECHNICAL DATA:

Application of sealant: after 20'.

Colours: transparent.

Application: brush.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 150 g bottles.



Primer PU60

One-component primer for polyurethane sealants.

TECHNICAL DATA:

Application of sealant: after 24 hours.

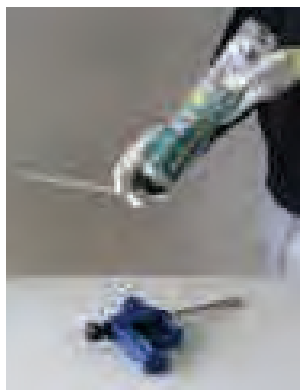
Colour: brown.

Application: brush, roller or watering can.

Consumption: 5÷10 g/m (1 cm - deep joint).

Packaging: 10 kg metal drums.

7.8 Polyurethane foams



MapePUR All in One Foam

Multi-functional and multi-purpose, self-expanding polyurethane foam for filling, insulating and soundproofing. Thanks to the special spray nozzle, it is available for manual use or for use with the specific gun MAPEPUR GUN STANDARD or MAPEPUR GUN SPECIAL.

TECHNICAL DATA:

Free expansion: up to a 45 litres.
Yield: 70 metres (beads diameter 30 mm), 10-12 m² of insulating panels.
Insulating capacity: 0.039 W/(m K).
Full hardening time: 2/6 hours.
Colour: yellow.
Packaging: 750 ml spray can.



MapePUR Cleaner

Solvent-based cleaning solution for removing traces of wet polyurethane foam from clothes and tools. Spray on the surface to be cleaned or screw to a polyurethane foam gun.

TECHNICAL DATA:

Colour: transparent.
Packaging: 500 ml spray can.



MapePUR Fire Foam M

Expanding polyurethane foam adhesive for filling, insulating and soundproofing. Certified fire resistant up to EI 240. Available in hand-held spray cans (MAPEPUR ROOF FOAM M).

TECHNICAL DATA:

Free expansion: up to 45 litres.
Insulating capacity MAPEPUR FIRE FOAM M: 0.039 W/(m K).
Soundproofing capacity: 58 dB.
Resistance to fire: EI 240 (joints up to 20 mm).
Full hardening time: 1.5/5 hours.
Colour: pink.
Packaging: 750 ml spray can.



MapePUR Multi Adhesive Foam G

Multi-purpose, low-expanding polyurethane foam adhesive for bonding construction elements, also made of different materials, both for internal and external use. Available in gun version for use with the specific gun MAPEPUR GUN STANDARD or MAPEPUR GUN SPECIAL.

TECHNICAL DATA:

Yield: 70 metres (beads diameter 30 mm), 10-12 m² of insulating panels.
Insulating capacity: 0.036 W/(m K).
Tensile strength (ETAG 004): 0.8 kg/cm².
Reaction to fire (DIN 4102-1): B2.
Reaction to fire (EN 13501-1): E.
Colour: yellow.
Packaging: 750 ml spray can.

7. ELASTIC SEALANTS AND ADHESIVES



MapePUR Roof Foam G **MapePUR Roof Foam M**

Expanding polyurethane foam adhesive for bonding, filling, soundproofing and insulating. Available in gun version (MAPEPUR ROOF FOAM G) for use with MAPEPUR GUN STANDARD or MAPEPUR GUN SPECIAL and hand-held spray can version (MAPEPUR ROOF FOAM M).

TECHNICAL DATA:

Free expansion: up to 45 litres.
Insulating capacity MAPEPUR ROOF FOAM G: 0.036 W/(m K).
Insulating capacity MAPEPUR ROOF FOAM M: 0.039 W/(m K).
Soundproofing capacity: 58 dB.
Tensile strength: 1.2 kg/cm².
Full hardening time: 1.5/5 hours.
Colour: grey.
Packaging: 750 ml spray can.



MapePUR Universal Foam G **MapePUR Universal Foam M**

Multi-purpose expanding polyurethane foam for filling, soundproofing and insulating. Available in gun version (MAPEPUR UNIVERSAL FOAM G) for use with MAPEPUR GUN STANDARD or MAPEPUR GUN SPECIAL and hand-held spray can version (MAPEPUR UNIVERSAL FOAM M).

TECHNICAL DATA:

Free expansion: up to 45 litres.
Insulating capacity MAPEPUR UNIVERSAL FOAM G: 0.036 W/(m K).
Insulating capacity MAPEPUR UNIVERSAL FOAM M: 0.039 W/(m K).
Soundproofing capacity: 58 dB.
Full hardening time: 1.5/5 hours.
Colour: yellow.
Packaging: 750 ml spray can.

7.9 Accessories for foams



MapePUR Dispenser M

Spare nozzle for MAPEPUR type "M".

TECHNICAL DATA:

Packaging: bag of 12 nozzles.
Suitable for the following MAPEI products: MAPEPUR UNIVERSAL FOAM M, MAPEPUR ROOF FOAM M, MAPEPUR FIRE FOAM M.



MapePUR Easy Spray

Ergonomic grip for polyurethane foam cans (manual application type).

TECHNICAL DATA:

Packaging: box of 5 grips.
Suitable for the following MAPEI products: MAPEPUR UNIVERSAL FOAM M, MAPEPUR ROOF FOAM M, MAPEPUR FIRE FOAM M.
Weight: 100 g.



MapePUR Gun Special NEW

Professional Teflon-coated extrusion gun for MAPEPUR type G (spray can to be used with guns).

TECHNICAL DATA:

Suitable for the following Mapei products: MAPEPUR G version ((spray can to be used with guns).

Weight: 655 g.

Nozzle: Ø 2 mm.

Length of tube: 200 mm.

Spray can adapter valve: universal with triple gasket for any type of spray can.

Packaging: box containing 1 piece.



MapePUR Gun Standard

Extrusion gun for MAPEPUR type G (spray can).

TECHNICAL DATA:

Packaging: box with one adapter.

Suitable for the following MAPEI products: MAPEPUR G type (spray can).

Weight: 440 g.

Nozzle: Ø 2 mm.

Length of tube: 145 mm.

Spray can adapter valve: universal conical type.



**ADHESIVES AND FINISHING
PRODUCTS FOR WOODEN FLOORS**

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS

8.1 Adhesives for wooden and laminate floors



Adesilex LC/R

Quick-setting, solvent-free adhesive in water dispersion for bonding wooden floors.

ADESILEX LC/R is suitable for bonding on cementitious screeds made from MAPECEM, MAPECEM PRONTO, TOPCEM or TOPCEM PRONTO, wooden substrates, chip-board, masonite panels and heated floors.



TECHNICAL DATA:

Consistency: thick paste.
Colour: beige.
Open time: approximately 30 minutes.
EMICODE: EC1 Plus - very low emission.
Set to light foot traffic: after 24 hours.
Polishing: when completely dry (minimum 10 days).
Storage: 24 months. Protect from frost.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 0.8-1.0 kg/m².
Packaging: 15 kg drums.



Adesivil D3

Solvent-free, water-resistant vinyl adhesive for floating floors in pre-finishes wood or rigid, melamine and laminated amino-plastic.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white.
Dry film: transparent.
Open time: 5-10 minutes.
Set to light foot traffic: after approx. 12 hours
Complete hardening: approximately 24 hours.
Resistance to water: class D3 (EN 204-205).
Storage: 24 months. Protect from frost.
Application: by extrusion from the nozzle on the canister.
Consumption: 0.025 kg/linear metres; 0.1-0.2 kg/m².
Packaging: 0.5 kg bottles.



Lignobond

Two-component, water and solvent-free epoxy-polyurethane adhesive for laying parquet. Suitable for laying any size and type of wood on all substrates. Ideal for heated screeds.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid paste.
Colour: comp. A: dark brown or beige; comp. B: off-white.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 60 minutes.
Open time: 1 hour.
Setting time: 5 hours.
Set to light foot traffic: after 24 hours.
Sanding: after 3 days.
Storage: 24 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 800-1000 g/m².
Packaging: 5 kg and 10 kg drums (A+B).



Ultrabond Eco 575

Synthetic polymer adhesive in water dispersion for installing skirtings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: 25 minutes.
Final hardening time: 24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months. Protect from frost.
Application: extrusion.
Consumption: 325 ml every 12 linear metres.
Packaging: 310 ml cartridges.



Ultrabond Eco P909 2K

Two-component, solvent-free, polyurethane quick adhesive with very low emission level of volatile organic compounds, class EC1 Plus, for all types of parquet.



TECHNICAL DATA:

Consistency: comp. A: paste; comp. B: liquid.
Colour: comp. A: ochre; comp. B: dark brown.
Mixing ratio: 9 : 1.
Pot life of mix: 40-50 minutes.
Open time: 60 minutes.
EMICODE: EC1 Plus - very low emission.
Consumption: 800-1000 g/cm².
Storage: 12 months.
Packaging: 9 + 1 kg kit.



Ultrabond Eco P909 2K Fast

Two-component, solvent-free, polyurethane quick adhesive with very low emission level of volatile organic compounds (VOC) for all types of wood.



TECHNICAL DATA

Consistency: comp. A: paste; comp. B: liquid.
Colour: comp. A: ochre; comp. B: dark brown.
Mixing ratio: 9:1.
Pot life of mix: 30-45 minutes.
Open time: 60 minutes.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Consumption: 800-1000 g/m².
Packaging: 10 kg (8.8 kg + 1.2 kg) units.



Ultrabond Eco P909 2K Plus

Two-component, solvent-free, polyurethane adhesive with very low emission level of volatile organic compounds (VOC) for all types of wood.



TECHNICAL DATA:

Consistency: comp. A: paste; comp. B: liquid.
Colour: comp. A: ochre; comp. B: dark brown.
Mixing ratio: 9 : 1.
Pot life of mix: 80-90 minutes.
Open time: 80 minutes.
EMICODE: EC1 Plus - very low emission.
Consumption: 800-1000 g/m².
Storage: 12 months.
Packaging: 10 kg (9 kg + 1 kg) units.



Ultrabond Eco S940 1K

One-component solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Open time (formation of skin): 35 mins.
Set to foot traffic: approx. 12 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg plastic drums.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



Ultrabond Eco S948 1K

One-component, solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds (VOC).



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Open time: 35 minutes.
Set to light foot traffic: approx. 12 hours.
Polishing: 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: MAPEI notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg and 7 kg (2x7 kg) drums.



www.blauer-engel.de/uz113



Ultrabond Eco S955 1K

One-component, solvent-free, silylated polymer adhesive with very low emission level of volatile organic compounds, for all types of parquet.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: 50-60 minutes.
Set to light foot traffic: after 12 hours.
Sanding: after 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg drums and 600 ml soft-cartridges.



www.blauer-engel.de/uz113



Ultrabond Eco S958 1K

One-component, solvent-free, silylated polymer-based adhesive with very low emission level of volatile organic compounds.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time (formation of skin): 30 minutes.
Set to light foot traffic: 12 hours.
Sanding (internal areas): 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg drums and 600 ml soft-cartridges.



www.blauer-engel.de/uz113



Ultrabond Eco S968 1K

One-component silylated polymer-based adhesive with zero plasticiser and solvent content and very low emission level of volatile organic compounds (VOC).

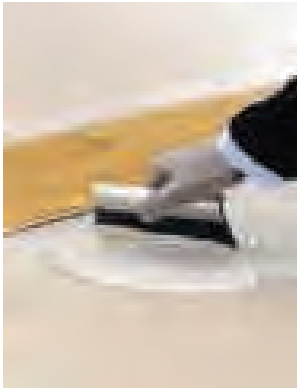


TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: 30 minutes.
Set to light foot traffic: 12 hours.
Polishing: 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: MAPEI notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg drums.



www.blauer-engel.de/uz113



Ultrabond Eco S Lite

One-component, lightweight, silylated polymer-based adhesive with zero solvent content and very low emission of volatile organic compounds ideal for the installation of all types of pre-finished or pre-polished multi-layered flooring and solid wood, medium format flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light grey.
Open time: 30 minutes.
Set to light foot traffic: 12 hours.
Polishing (in interior): 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: MAPEI notched trowel for wood.
Consumption: 800 g/m².
Packaging: 11 kg plastic drums.



Ultrabond Eco S Plus

One-component, silylated polymer-based adhesive of new generation and technology with very low emission of volatile organic compounds, zero methanol emissions, ideal for the installation of any type of species and format of pre-finished solid wood on all kinds of substrate, including heated screeds.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Open time: 30 minutes.
Set to light foot traffic: 12 hours.
Polishing (in interior): 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: MAPEI notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg plastic drums.



Ultrabond P902 2K

Two-component, epoxy-polyurethane adhesive for bonding all types and sizes of parquet on screeds made from MAPECEM, MAPECEM PRONTO, TOPCEM or TOPCEM PRONTO, cementitious screeds, old wooden, ceramic, marble, and terrazzo floors, etc.
Also suitable for heated substrates.

TECHNICAL DATA:

Consistency: comp. A: paste; comp. B: paste.
Colour: comp. A: beige or brown; comp. B: off-white.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 60-70 minutes.
Open time: 1 hour.
Set to light foot traffic: after 24 hours.
Sanding: after 3 days.
Storage: 24 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 1.0-1.5 kg/m².
Packaging: 10 kg drums (A+B).



Ultrabond P913 2K

Two-component, epoxy-polyurethane adhesive for medium-sized solid wooden slats and all types of pre-finished wooden floors.

TECHNICAL DATA:

Consistency: comp. A: paste; comp. B: paste.
Colour: comp. A: beige or brown; comp. B: beige.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 60 minutes.
Open time: 60 minutes.
Set to light foot traffic: after 24 hours.
Sanding: after 3 days.
Storage: 24 months.
Application: notched trowel for wood.
Consumption: according to the type of substrate.
Packaging: 10 kg drums (A+B).

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



Ultrabond P980 1K

One-component, solvent-free polyurethane adhesive with a very low emission level of volatile organic compounds for bonding pre-finished, multi-layered parquet.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Inflammable: no.
Application temperature range: from +10°C to +25°C.
Open time: 110 minutes.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: notched trowel.
Consumption: 0.8-1 kg/m².
Packaging: 15 kg aluminium bags contained in plastic drums.



Ultrabond P990 1K

One-component, ready-to-use, solvent-free, flexible polyurethane adhesive for all types of parquet on screeds made from MAPECEM, MAPECEM PRONTO, TOPCEM and TOPCEM PRONTO, cementitious screeds, old wooden, ceramic, marble and terrazzo floors, etc. Also suitable for heated substrates.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige and brown.
Open time: 110 minutes.
Set to light foot traffic: after 12 hours.
Sanding: after 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 0.8-1 kg/m².
Packaging: 7 and 15 kg aluminium bags contained in plastic drums. Boxes containing 20x600 cc soft-cartridges.



Ultrabond S965 1K

One-component, solvent-free, silylated polymer adhesive with very low emission level of volatile organic compounds, for all types of parquet.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: 90-100 minutes.
Set to light foot traffic: after 12 hours.
Sanding: after 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 2 or 4 notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg plastic drums.



Ultrabond S997 1K

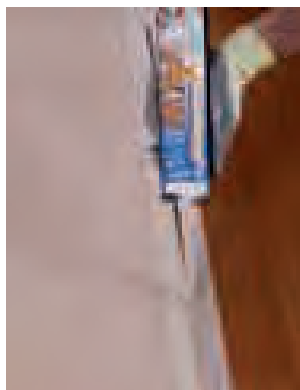
One-component, solvent-free, ready-to-use, flexible, silylate polymer-based thixotropic adhesive for laying wooden steps and parquet mosaic.



TECHNICAL DATA:

Consistency: thixotropic paste.
Colour: ochre yellow.
Open time: approx. 40 ± 10 minutes.
EMICODE: EC 1 R Plus - very low emission.
Set to foot traffic: after 12 hours.
Storage: 12 months.
Application: extrusion.
Consumption:
– laying wooden steps: 2 m² per soft-cartridge (diagonal beads every 5-10 cm);
– laying three-layered pre-finished parquet: 4/6 m² per soft-cartridge (diagonal beads every 10-15 cm);
– laying wooden baseboards: approximately 15 meters of beads of adhesive per soft-cartridge;
– laying parquet mosaic on walls: 0.5 kg/m².
Packaging: boxes containing 20 x 600 cc aluminium tubes.

8.2 Paints, stuccos, oils, base coats and coloured sealants for parquet



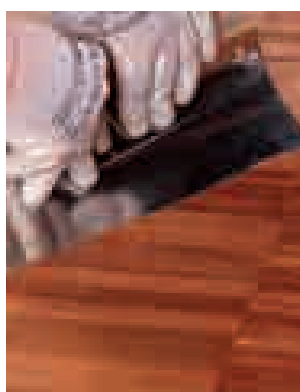
Silwood

Acrylic sealant in water dispersion for wooden floors.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: white, 112 grey, oak, iroko, doussié, wengé, teak, walnut, cherry, faded beech, birch maple.
Open time: 10-20 minutes.
Sanding: after 24 hours. After sanding, the product may be varnished.
EMICODE: EC1 - very low emission.
Storage: 24 months.
Application: extrusion pistol loaded with cartridge of product.
Consumption: according to the size of the joint to be filled, calculating that its density is equal to 1.75 g/cm³.
Packaging: 310 ml cartridges.



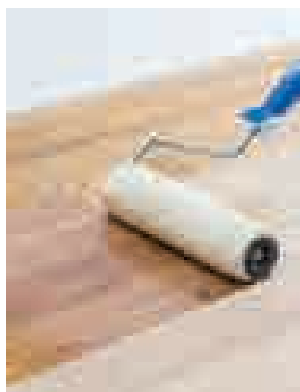
Ultracoat Aqua Plus

Solvent and NMP-free, odourless, water-based binder, mixed with wood flour filler, for grouting wooden floors. Suitable for ULTRACOAT water-based varnishing cycles and ULTRACOAT HARD OIL FAST.



TECHNICAL DATA:

Consistency: liquid gel.
Colour: off-white.
Density (g/cm³): 1.0.
Brookfield viscosity (mPa·s): 2000-3000.
Storage: 12 months.
Application temperature range: from +10°C to +35°C.
Sanding: after approx. 1 hour.
Varnishing: after 2 hours with water-based varnish cycles.
EMICODE: EC1 Plus - very low emission.
Consumption: 100-120 g/m² per coat.
Packaging: 5 litre tanks, 2x5 l boxes.



Ultracoat Base One

One-component quick-drying water-based basecoat primer with low emission level of volatile organic compounds and no NMP.



TECHNICAL DATA:

Consistency: liquid.
Colour: translucent straw-yellow.
Density: 1,030.
Sanding: 1-2 hours.
Re-varnishing (without sanding): minimum 2 hours - maximum 16 hours.
EMICODE: EC1 Plus - very low emission.
Consumption: 100 ml/m².
Storage: 12 months.
Packaging: 5 l tanks, 2x5 l boxes.



Ultracoat Binder

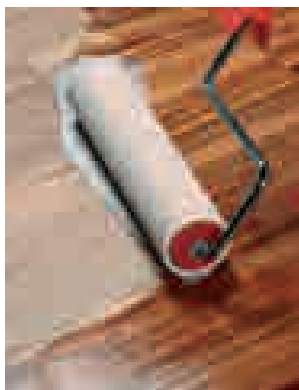
Solvent and NMP-free, water-based binder, mixed with wood flour filler from any type of wood, including Merbau, for grouting wooden floors. Suitable for ULTRACOAT water-based varnishing cycles and ULTRACOAT HARD OIL FAST.



TECHNICAL DATA:

Consistency: liquid gel.
Colour: transparent.
Density (g/cm³): 1.0.
Brookfield Viscosity (mPa·s): 6000/8000.
Storage: 12 months.
Application temperature range: from +10°C to +35°C.
Sanding: after approx. 1 hour.
Varnishing: after 100-120 mins. with water-based varnishing cycles.
EMICODE: EC1 Plus - very low emission.
Consumption: 100-120 g/m² per coat.
Packaging: 5 litre tanks.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS

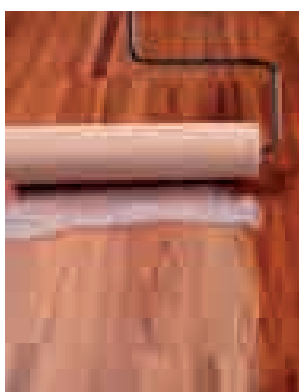


Ultracoat Easy

One-component water-based acrylic-polyurethane varnish for wooden floors with good resistance to wear and abrasion. Suitable for floors subjected to normal pedestrian use.

TECHNICAL DATA:

Consistency: liquid.
Colour: milky white.
Density (g/cm³): approx. 1.045 (10 gloss) - approx. 1.040 (30 gloss) - approx. 1.038 (60 gloss).
Storage: 12 months.
Dust dry: 20 mins.
Touch dry: 35-40 mins.
Maximum permitted dilution ratio (Dir. 2004/42/CEE): 10% with clean water or with ULTRACOAT EL.
Sanding: after 3 hours.
Painting over without sanding: after 2 hours, and within a maximum of 5 hours.
Ready for use: 36-48 hours.
Gloss factor: 10 gloss - 30 gloss - 60 gloss.
Consumption: first coat 80-100 ml/m²; successive coats 50-70 ml/m².
Packaging: 5 litre tanks, 2x5 l boxes.



Ultracoat Easy Plus

One-component, water-based 100% polyurethane varnish with low emission level of volatile organic compounds (VOC), highly resistant to wear and abrasion, for wooden floors. Suitable for floors subject to frequent pedestrian use.



TECHNICAL DATA:

Consistency: liquid.
Colour: transparent.
Density (g/cm³): 1.045.
Storage: 12 months.
Dust dry: 20 mins.
Touch dry: 35-40 mins.
Maximum permitted dilution ratio (Dir. 2004/42/CEE): 10% with clean water or with ULTRACOAT EL.
Sanding: after 8 hours.
Painting over without sanding: after 2 hours, and within a maximum of 5 hours.
Ready for use: 36-48 hours.
Gloss factor: extra matte (10 gloss - 30 gloss - 60 gloss).
EMICODE: EC1 Plus - very low emission.
Consumption: first coat 80-100 ml/m²; successive coats 50-70 ml/m².
Packaging: 5 litre tanks, 2x5 l boxes.



Ultracoat EL

Slow-evaporating mixture to increase the open time of varnish for parquet.

TECHNICAL DATA:

Consumption: from 5% to 10% of the consumption of the varnish according to the dilution rate.
Packaging: 1 litre drums, 6x1 l boxes.

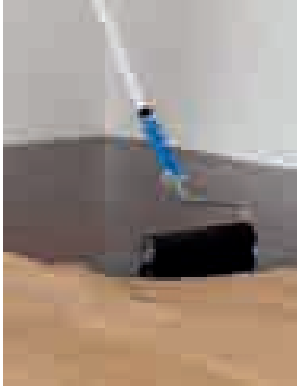


Ultracoat Filler S1

Alcohol/solvent-based ultra quick-drying filler mixed with sawdust formed by sanding and polishing the floor.

TECHNICAL DATA:

Appearance: colourless.
Temperature of substrate: minimum +15°C.
Dilution: supplied ready to use.
Drying time: touch dry approx. 15 minutes at +20°C and 50% RH.
Cleaning: white spirit or similar.
Consumption: approx 80-120 ml/m².
Storage: 2 years in a sealed container at +20°C.
Packaging: 5 litre tanks.



Ultracoat Hard Oil Fast

Wood staining oil for finishing off the surface of wooden floors; available in neutral and various colours.

TECHNICAL DATA:

Consistency: liquid.
Colours: neutral or as per product colour chart.
Density (kg/l): 1.015.
Application temperature range: +10°C/+ 30°C.
Application: roller, brush.
Removal time: 30-60 minutes.
Consumption: 1 litre every 20-25 m² depending on the absorption.
Packaging: 1 and 3 l bottles.



Ultracoat Hard Oil Hardener **NEW**

Admixture specific to promote hardening of ULTRACOAT HARD OIL FAST.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: transparent.
Density: 1 kg/litre.
Packaging: 600 ml bottles and boxes containing 6 100 ml bottles.



Ultracoat HT 2K

Two-component, 100% polyurethane water-based varnish with high resistance to wear and abrasion with low emission of volatile organic compounds (VOC) for wooden floors. Suitable for floors subject to extremely high pedestrian use.



TECHNICAL DATA:

	comp. A liquid off-white	comp. B liquid transparent
Consistency:		
Colour:		
Density of Ultracoat High Traffic 10 gloss (g/cm³):	1.040	1.060
Density of Ultracoat High Traffic 30 gloss (g/cm³):	1.030	1.120
Density of Ultracoat High Traffic 60 gloss (g/cm³):	1.040	1.080

EMICODE: EC 1 R Plus - very low emission.
Storage: 12 months.
Dusty dry: 25 mins.
Touch dry: 40 mins.
Maximum permitted dilution ratio (Dir. 2004/42/EEC): 10% with clean water.
EMICODE: EC1 Plus - very low emission.
Sanding: after 12 hours.
Varnishing (without sanding): after 2 hours, within 5 hours.
Ready for service: 36-48 hours.
Gloss factor: (0-10-30-60 gloss).
Consumption: first coat 80-100 ml/m²; successive coats 50-70 ml/m².
Packaging: 11 l kits (A+B) 2x5.5 l.



Ultracoat HT A-S

Two-component, 100% polyurethane water-based varnish for wooden floors with R9 rated non-slip properties, high resistance to wear and abrasion and very low emission of volatile organic compounds. Suitable for floors exposed to extreme levels of foot traffic.

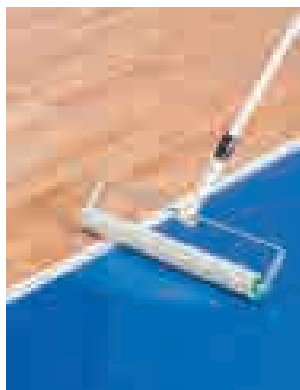


TECHNICAL DATA:

	comp. A liquid off-white	comp. B liquid transparent
Consistency:		
Colour:		
Density of Ultracoat HT Anti Slip 10 gloss (g/cm³):	1.040	1.060
Density of Ultracoat HT Anti Slip 30 gloss (g/cm³):	1.030	1.120

Storage time: 12 months.
Dust dry: 25 mins.
Touch dry: 40 mins.
Maximum permitted dilution (Dir. 2004/42/EEC): 10% with clean water.
EMICODE: EC1 Plus - very low emission.
Sanding: after 12 hours.
Recoat time (without sanding): min. 2 hours, max. 5 hours.
Ready for service: 36-48 hours.
Gloss: (0-10-30).
Consumption: 80-100 ml/m² first coat, 50-70 ml/m² successive coats.
Packaging: 11 litre kit (A+B) 2x5.5 litre packs.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



Ultracoat HT Sport

Two-component, water-based polyurethane varnish for wooden playing surfaces. ULTRACOAT HT SPORT complies with European standards for indoor playing surfaces and multi-purpose playing surfaces (EN 14904:2006). Its surface hardness combined with its strength and resistance to chemicals make ULTRACOAT HT SPORT a highly reliable product.



TECHNICAL DATA:

	comp. A	comp. B
Consistency:	liquid	liquid
Colour:	milky white	transparent
Density:	1.035	1.075
Mixing ratio: (A : B)	10 : 1.	
Viscosity of mix:	40 secs. (Ø 3 Ford cup).	
EMICODE:	EC1 Plus - very low emission.	
Buffing:	8 hours.	
Ready for service:	48 hours.	
Storage:	12 months.	
Packaging:	5.5 l.	



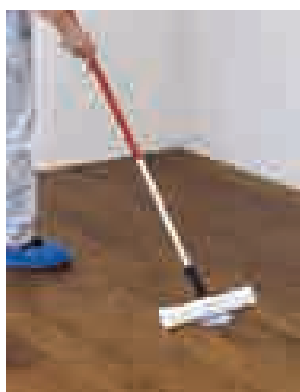
Ultracoat MT 2K

Two-component water-based acrylic/polyurethane varnish for wooden floors with high resistance to wear and abrasion; certified EMICODE EC1 Plus very low emission level of volatile organic compounds. Suitable for floors subjected to medium to high pedestrian use.



TECHNICAL DATA:

Consistency:	comp. A - milky liquid, comp. B - liquid.	
Colour:	comp. A - off-white, comp. B - transparent.	
Mixing ratio (A : B):	10 : 0.25.	
EMICODE:	EC1 Plus - very low emission.	
Sanitair (France):	A.	
Dust dry:	25 mins.	
Touch dry:	40 mins.	
Maximum permitted dilution ratio (Dir. 2004/42/EEC):	10% with clean water.	
Sanding:	after 12 hours.	
Re-varnishing (without sanding):	after 2 hours and within 5 hours.	
Gloss:	seidenmatt - matt.	
Önorm C2354:	class C.	
Storage:	12 months in its original, sealed packaging in a dry place.	
Consumption:	80-100 ml/m ² for the first coat and 50-70 ml/m ² for the next coats.	
Packaging:	kit (A+B) - 4.5 l + 0.25 l.	



Ultracoat Oil Care Plus

Watery micro-emulsion based on waxy resin, modified oils and natural waxes for maintaining wooden floors finished with ULTRACOAT HARD OIL FAST.

TECHNICAL DATA:

Consistency:	liquid.
Storage:	12 months.
Application:	wax spreader.
Set to light foot traffic:	2 hours.
Consumption:	25/35 m ² /l per coat.
Packaging:	1 l bottle.



Ultracoat Oil Wax

Water and oil-repellent oil/wax finish with very little odour used to protect wooden surfaces and give them a delicate, warm colour.

TECHNICAL DATA:

Consistency:	fluid.
Appearance:	oil.
Colour:	neutral.
Density (g/cm³):	0.8.
Application temperature:	+10°C - +25°C.
Application:	roller, brush, pad or trowel.
Removal time:	after 35-45 minutes.
Consumption:	1 litre every 10 to 30 m ² depending on the absorption of the wood.
Packaging:	2.5 l tanks.



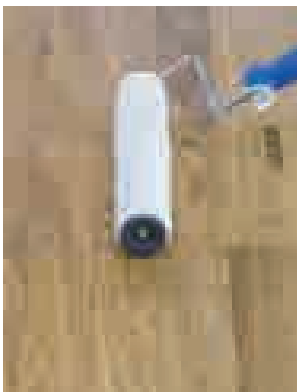
Ultracoat Premium Base

Two-component, NMP-free, water-based undercoat with low emission of volatile organic compounds (VOC) and high insulating capacity, for preparing solid and pre-sanded wooden floors and wooden floors under repair for water-based finishing cycles.



TECHNICAL DATA:

	comp. A	comp. B
Consistency:	liquid	liquid.
Colour:	milky white	transparent.
Density (g/cm³):	1.030	1.075.
Storage:	12 months	12 months.
Duration of mix:	2 hours.	
Mixing ratio:	comp. A: comp. B = 5 : 1 (by volume).	
Maximum permitted dilution ratio (Dir. 2004/42/EEC):	10% with clean water or with ULTRACOAT EL.	
Sanding:	after 12 hours.	
Varnishing (without sanding):	after 2 hours, within 5 hours.	
Consumption:	80-100 g/m ² per coat.	
Packaging:	6 litre kits (A+B), 2x6 l boxes.	



Ultracoat Soft Touch Base

One-component, rapid drying, water-based primer for preparing wooden floors before applying ULTRACOAT SOFT TOUCH FINISH.

Product with low emission of volatile organic compounds (VOC).



TECHNICAL DATA:

Consistency:	liquid.
Colour:	milky.
Density (g/cm³):	1.025.
Viscosity (Ford cup number 3):	45 sec.
Maximum permitted dilution ratio (Dir. 2004/42/EEC):	10% with clean water or ULTRACOAT EL.
Buffing:	after 2 hours.
EMICODE:	EC 1 - very low emission.
Consumption:	80-100 g/m ² .
Packaging:	5 l cans (2x5 l boxes).



Ultracoat Soft Touch Finish

Two-component, water-based, 100% polyurethane varnish with low emission of volatile organic compounds (VOC). Natural, soft finish for protecting wooden floors in residential and commercial environments.



TECHNICAL DATA:

Consistency:	comp. A: milky liquid; comp. B: liquid.
Colour:	comp. A: milky; comp. B: colourless.
Density (g/cm³):	comp. A: 1.025; comp. B: 1.075.
Viscosity comp. A+B (tazza Ford 3):	55 sec.
Dust dry:	25 min.
Touch dry:	40 min.
Maximum permitted dilution ratio (Dir. 2004/42/EEC):	10% with clean water or ULTRACOAT EL.
Buffing:	after 12 hours.
Re-varnishing (without buffing):	between 2 and 5 hours.
Gloss level:	< 5.
EMICODE:	EC 1 R - very low emission.
Consumption:	50-70 ml/m ² per coat.
Packaging:	5.5 l units (2x5.5 l boxes).

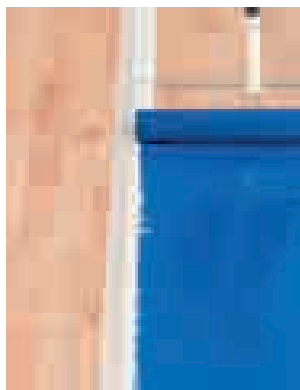


Ultracoat Solvent Base

Alcohol-based ultra quick-drying base coat for wooden floors.

TECHNICAL DATA:

Appearance:	colourless.
Dilution:	supplied ready to use.
Drying time:	touch dry approx. 15 minutes at +20°C and 50% RH.
Cleaning:	white spirit.
Consistency:	liquid.
Sanding:	15-20 minutes.
Re-varnishing (without sanding):	15/20 minutes.
Storage:	24 months.
Yield:	10 m ² per litre.
Packaging:	10 litre tanks.



Ultracoat Sport Color

One-component water-based coloured acrylic paint for marking out playing areas on wooden sports surfaces.

TECHNICAL DATA:

Consistency: liquid.
Colour: various colours.
Density: 1.05/1.1 depending on the colour.
Cps viscosity: 600-1000 depending on the colour.
Sanding: after 2 hours.
Maximum permitted dilution ratio (Dir. 2004/42/CEE): 10% with clean water.



Ultracoat Sport Color Hardener NEW

Admixture for ULTRACOAT SPORT COLOR.

TECHNICAL DATA:

Consistency: liquid.
Colour: transparent.
Density: 1.120 ± 0.005 kg/litre.
Packaging: box containing 6 1 l bottles.



Ultracoat Toning Base

Two-component, water-based toning undercoat with high insulating properties with low emission of volatile organic compounds (VOC), no NMP for preparing solid and pre-sanded wooden floors and wooden floors under repair prior to applying ULTRACOAT water-based finishing cycles.

TECHNICAL DATA:

	comp. A	comp. B
Consistency:	liquid	liquid
Colours:	milky white	transparent
Density (g/cm³):	1.030	1.075
Storage:	12 months	12 months

Pot life of mix: 2 hours.
Mixing ratio: comp. A : comp. B = 5 : 1 (by volume).
Maximum permitted dilution ratio (Dir. 2004/42/EEC): 10% with clean water or ULTRACOAT EL.
Buffing: after 16/24 hours.
Varnishing without sanding: after 2 hours and within 5 hours.
Consumption: 80-100 g/m² per coat.
Packaging: 6 l units (A+B).

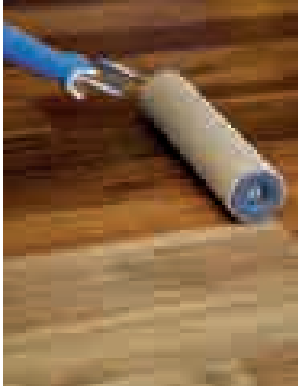


Ultracoat Top Deck Cleaner

Ready-to-use alkaline solution used for maintenance work on external wooden flooring treated with ULTRACOAT TOP DECK OIL.

TECHNICAL DATA:

pH: 13.
Dilution ratio: 3/10 dl in 10 litres of lukewarm water.
Drying time: 24 hours.
Cleaning of tools: soap and lukewarm water.
Storage: 12 months.
Consumption: depending on the type of floor.
Packaging: 4 litres.



Ultracoat Top Deck Oil

Oil finishing product for treating external wooden floors.

TECHNICAL DATA:

Application: roller or brush.

Dust dry: 6 hours.

Touch dry: 24 hours.

Buffing: do not buff.

Colours: teak and neutral.

Storage: 12 months.

Consumption: 1 litre for 12-15 m².

Packaging: 5 litres.



Ultracoat Universal Base

One-component, NMP-free, water-based rapid undercoat, with low emission of volatile organic compounds (VOC) for wooden floors.



TECHNICAL DATA:

Consistency: liquid.

Colour: transparent.

Storage: 12 months.

Maximum permitted dilution ratio (Dir. 2004/42/EEC): 10% with clean water or ULTRACOAT EL.

Sanding: after 2 hours.

Varnishing (without sanding) (for three-coat cycles): after 2 hours, within 5 hours.

Consumption: 80-100 g/m² per coat.

Packaging: 5 litre units.



ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS

9.1 Adhesives in water dispersion



Adesilex MT32

Adhesive in water dispersion for laying all types of wall coverings, wallpaper, glass-fibre fabrics and non-woven fabrics.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: white
Waiting time: 0-10 minutes.
Open time: 30 minutes.
Storage: 12 months. Protect from frost.
EMICODE: EC1 Plus - very low emission.
Application: N°1 MAPEI trowels or TKB A1 or roller.
Consumption: 150-250 kg/m².
Packaging: 20, 10, 5 and 1 kg drums.



Adesilex V4

Multi-purpose adhesive for bonding vinyl and textile floorings.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: white
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 300-500 g/m².
Packaging: 16 and 5 kg drums.



Adesilex VS45

High and fast initial tack adhesive for laying resilient wall coverings.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: white.
Waiting time: 0-10 minutes.
Open time: 10-20 minutes.
Storage: 12 months. Protect from frost.
Application: N° 1, MAPEI trowels, TKB A1, A2.
Consumption: 200-300 g/m².
Packaging: 16 and 5 kg drums.



Aquacol T

Hard-set adhesive with long open time for textile and linoleum floorings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB A2, B1, B2.
Consumption: 300-450 g/m².
Packaging: 25, 16, 5 kg drums.



www.blauer-engel.de/uz113



Mapecryl Eco

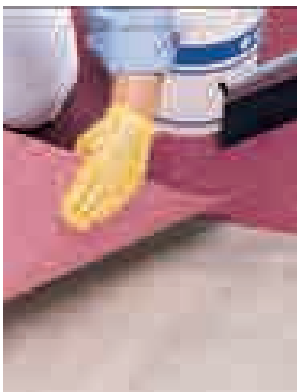
Multi-purpose adhesive for vinyl, textile and linoleum wall and floor coverings.



www.blauer-engel.de/uz113

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: approximately 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 250-450 g/m².
Packaging: 25, 16, 5 kg drums.



Rollcoll

Multi-purpose adhesive in water dispersion for laying vinyl and textiles floor and wall coverings.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: applied by trowel: from 10 to 20 minutes; applied by roller: from 0 to 10 minutes.
Open time:
– applied by trowel: 30-40 minutes;
– applied by roller: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2, roller or spray.
Consumption:
– by trowel: 300-500 g/m²;
– by roller: 200-300 g/m².
Packaging: 16, 5 and 1 kg drums.



Ultrabond 333

Multi-purpose adhesive with long open time for vinyl, textiles and linoleum floor and wall coverings.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 30-40 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: approximately 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 notched trowel, TKB A1, A2, B1, B2.
Consumption: 300-500 g/m².
Packaging: 16 and 25 kg drums.



Ultrabond Eco 4 LVT

Fibre-reinforced adhesive. Specifically developed for the installation of LVT, SPC and rigid LVT coverings it guarantees the highest performances in terms of adhesion and dimensional stability.



www.blauer-engel.de/uz113

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, MAPEI trowels, TKB A1, A2.
Consumption: 200-300 g/m².
Packaging: 16 and 5 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco 185

SBR based adhesive with high initial tack and long open time for textile floorings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 notched trowels, TKB A2, B1, B2.
Consumption: 300-450 g/m².
Packaging: 16 kg drums.



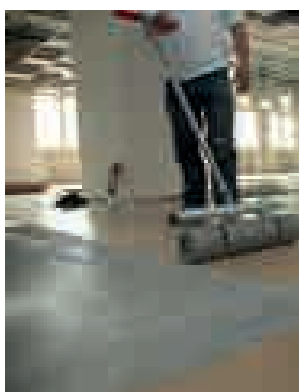
Ultrabond Eco 350

Adhesive with long open time for vinyl floor and wall coverings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 50-60 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, MAPEI trowels, TKB A1, A2.
Consumption: 200-450 g/m².
Packaging: 16 kg drums.



Ultrabond Eco 375

Adhesive with long open time for vinyl floor and wall coverings.

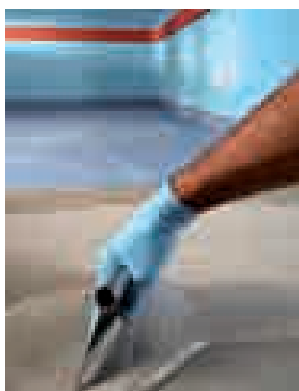


TECHNICAL DATA:

Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 40-50 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1 MAPEI trowel, TKB A1, A2.
Consumption: 200-300 g/m².
Packaging: 16 kg drums.



www.blauer-engel.de/uz113

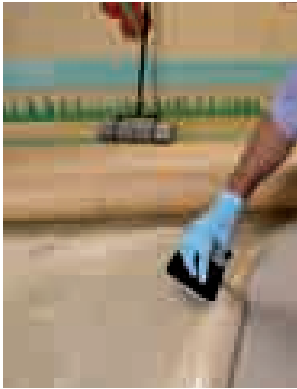


Ultrabond Eco 380

“Pressure sensitive” adhesive with strong and fast initial tack, very long open time, for vinyl floor and wall coverings.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 60-70 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1 MAPEI trowel, TKB A1, A2.
Consumption: 200-300 g/m².
Packaging: 16 kg drums.



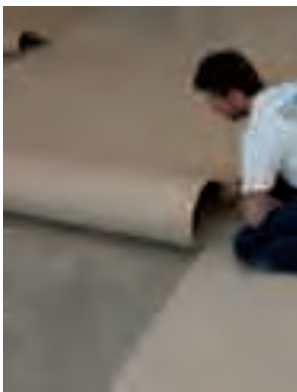
Ultrabond Eco 520

Adhesive with high initial tack for linoleum floors and resilient wall coverings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB B1, B2.
Consumption: 300-450 g/m².
Packaging: 16 kg drums.



Ultrabond Eco 530

Adhesive with high and fast initial bond. For the wet-bed installation of linoleum and resilient wall coverings.

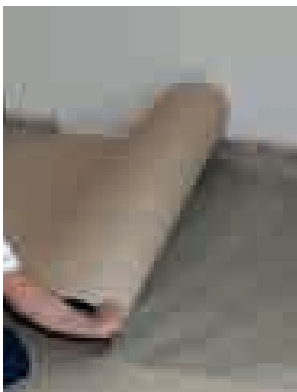


TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 15-20 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB B1, B2.
Consumption: 300-450 g/m².
Packaging: 16 kg drums.



www.blauer-engel.de/uz113



Ultrabond Eco 540

SBR based adhesive with strong initial tack and long open time for linoleum floorings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB B1, B2.
Consumption: 300-450 g/m².
Packaging: 16 kg drums.



Ultrabond Eco 575

Synthetic polymer adhesive in water dispersion for installing skirtings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: 25 minutes.
Final hardening lime: 24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months. Protect from frost.
Application: by extrusion.
Consumption: 325 ml each 12 linear meter.
Packaging: 310 ml cartridges.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco Decor Dry **NEW**

Ready to use adhesive for decorative fiber glass and wall paper in dry area.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: white.
Waiting time: 0-10 minutes.
Open time: 20 minutes.
Waiting time before painting: 24 hours.
EMICODE: EC1 PLUS - very low emission.
Storage : 12 months. Protect from frost.
Application: n. 1 MAPEI trowels, TKB A1, roller.
Consumption: 150-250 g/m².
Packaging: 3 kg drums.



Ultrabond Eco Fast Track

Fast set, universal adhesive quick renovation of resilient floor coverings and for installing, coves and stairs.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Waiting time: 5-10 minutes.
Open time: 15-20 minutes.
Set to light foot traffic: 1 hour.
Ready to use: 12 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 200-400 g/m².
Packaging: 5 kg drums.



Ultrabond Eco Fix

Adhesive and fixative with high residual tack for loose-lay floorings.

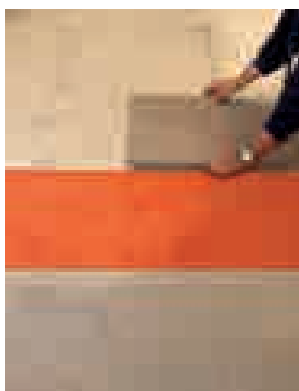


www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 30 minutes - 12 hours.
Set to light foot traffic: immediately after laying.
Ready for use: immediately after laying.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1 MAPEI trowel TKB A1, A4 or roller.
Consumption: 80-150 g/m².
Packaging: 10 kg drums.



Ultrabond Eco Tack

Anti-slide tackifier with high residual tack for textile loose-lay tiles.



TECHNICAL DATA:

Consistency: liquid.
Colour: light beige.
Waiting time: 30 minutes (max. 12 hours).
Set to light foot traffic: immediately after laying.
Ready for use: immediately after laying.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: roller.
Consumption: 100-200 g/m².
Packaging: 15 kg drums.



NEW FORMULA
EVEN BETTER

Ultrabond Eco Tack 4 LVT

Anti-slide fixative for loose-lay LVT, SPC and rigid LVT.



TECHNICAL DATA:

Consistency: liquid paste.

Colour: white.

Waiting time: install flooring when the adhesive becomes transparent (after 30 mins-6 hours, depending on surrounding conditions and absorption of the substrate).

Set to light foot traffic: immediately after installation.

Ready for use: immediately after installation.

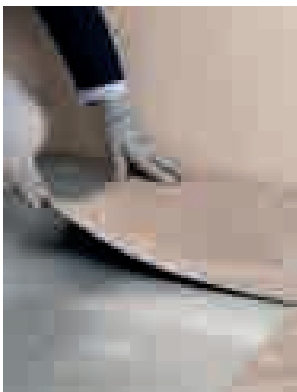
EMICODE: EC1 - very low emission.

Storage: 12 months. Protect from frost.

Application: roller.

Consumption: 90-130 g/m².

Packaging: 15 kg drums.



Ultrabond Eco Tack TX+

Anti-slide tackifier for loose-lay carpet tiles.



TECHNICAL DATA:

Consistency: liquid.

Colour (wet/dry): white/transparent.

Waiting time: 15 minutes (max. 12 hours).

Set to light foot traffic: immediately after installation.

Ready for use: immediately after installation.

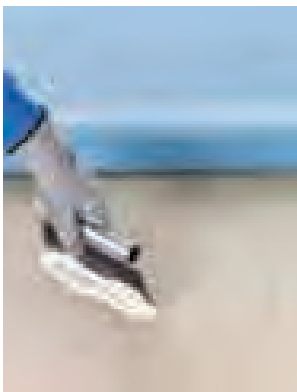
EMICODE: EC1 Plus - very low emission.

Storage: 12 months.

Application: roller.

Consumption: 50-100 g/m².

Packaging: 5 and 10 kg tanks.



Ultrabond Eco TX1 NEW

Hard set "STANDARD" adhesive for textile and linoleum flooring.



THECNICAL DATA:

Consistency: creamy paste.

Colour: light beige.

Waiting time: 0-10 minutes.

Open time: 10-20 minutes.

Set to light foot traffic: 3-5 hours.

Ready to use: 24-48 hours.

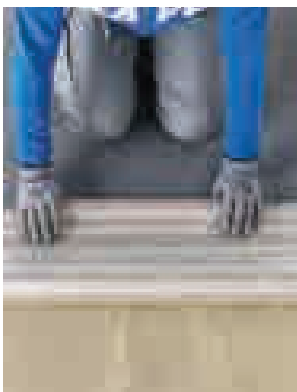
EMICODE: EC1 PLUS - very low emission.

Storage: 12 months. Protect from frost.

Application: n. 2, 3 MAPEI trowels, TKB A2,B1,B2.

Consumption: 350-500 g/m².

Packaging: 16 kg drums.



Ultrabond Eco TX2 NEW

"PROFESSIONAL" adhesive with high initial tack and long open time, for textile floorings.



THECNICAL DATA:

Consistency: creamy paste.

Colour: light beige.

Waiting time: 10-20 minutes.

Open time: 20-30 minutes.

Set to light foot traffic: 3-5 hours.

Ready to use: 24-48 hours.

EMICODE: EC1 PLUS - very low emission.

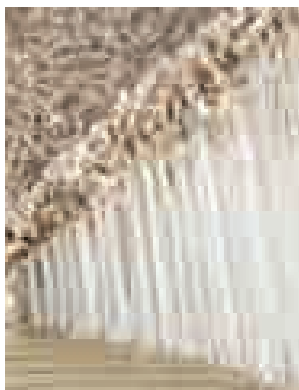
Storage: 12 months. Protect from frost.

Application: n. 2,3 MAPEI trowels, TKB A2,B1,B2.

Consumption: 300-450 g/m².

Packaging: 16 e 5 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco TX3

“PREMIUM” adhesive with excellent wet grab and early buildup of strength for textile and linoleum floorings.



www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB B1, B2.
Consumption: 350-500 g/m².
Packaging: 16 kg drums.



Ultrabond Eco V4 Evolution

“All in one” universal adhesive with strong, rapid initial tack and long open time for resilient and textile floor and wall-coverings.

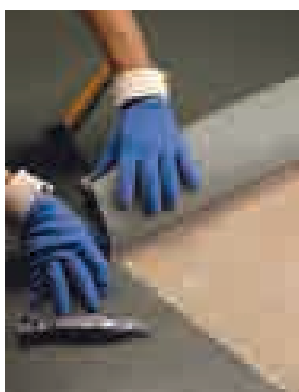


www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes (30-40 minutes on low/non-absorbent substrates).
Open time: 60-70 minutes (up to 120 minutes on non-absorbent substrates).
Set to light foot traffic: 3-5 hours.
Ready for service: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2, roller.
Consumption: 200-450 g/m².
Packaging: 16, 5 and 1 kg drums.



Ultrabond Eco V4SP

Universal, high-performance adhesive for laying resilient and textile flooring and covering.

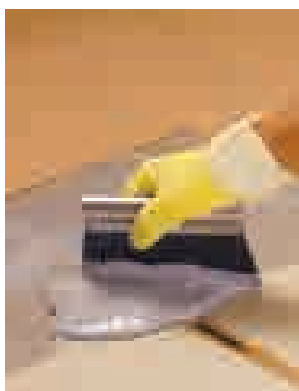


www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes (30-40 minutes on low/non-absorbent substrates).
Open time: 30-40 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 200-450 g/m².
Packaging: 5 and 16 kg drums.



Ultrabond Eco V4SP Conductive

Light-coloured adhesive in water dispersion for installing conductive floors with very low emission of volatile organic compounds (VOC).



www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light grey.
Waiting time: 0-10 minutes.
Open time: 15 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
Electrical resistance: 100,000 ohm.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: notched trowel.
Consumption: 200-450 g/m².
Packaging: 16 kg drums.



Ultrabond Eco V4SP Fiber

High-performance, universal, fibre-reinforced adhesive for resilient and textile floorings.



www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 200-450 g/m².
Packaging: 16 kg drums.



Ultrabond Eco VS30

Multi-purpose adhesive for PVC, linoleum and textile flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: approximately 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.30-0.50 kg/m².
Packaging: 16 and 25 kg drums.



Ultrabond Eco VS90 Plus

High temperature universal adhesive for resilient and textile floorings.



www.blauer-engel.de/uz113



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready to use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 200-450 g/m².
Packaging: 5 and 16 kg drums.



Ultrabond Super Grip

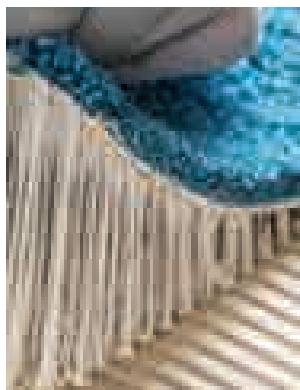
Acrylic, deformable assembly adhesive for internal use, with high initial sucker effect.



TECHNICAL DATA:

Viscosity: creamy thixotropic paste.
Open time: 10-15 minutes.
Initial tensile strength: 17 N.
Final tensile strength: 32.5 kg/cm².
Hardening time: 24-48 hours.
Dry solids content: 70%.
EMICODE: EC1 Plus - very low emission.
Colour: white.
Application: extrusion gun.
Consumption: 15 metres of bead (5 mm diameter section).
Packaging: 310 ml cartridges.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond TX57

High and fast initial tack adhesive for textile and linoleum floorings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 2, 3 MAPEI trowels, TKB A2, B1, B2.
Consumption: 300-550 g/m².
Packaging: 16 kg drums.

9.2 Ancillary products for LVT



Flexcolor 4 LVT

Ready to use grout for Luxury Vinyl Tiles.



TECHNICAL DATA:

Consistency: thick paste.
Colours: 112 medium grey, 114 anthracite, 120 black, 130 jasmine, 134 silk, 146 rich brown.
Waiting time before finishing operation: 10-15 minutes.
Set to light foot traffic: 24 hours.
Ready for use: 72 hours.
EMICODE: EC1 - very low emission.
Application: rubber float.
Cleaning and finishing: Scotch-Brite® and MAPEI sponge.
Storage: 12 months.
Consumption: according to the size of the joints.
Packaging: 1 and 5 kg drums.



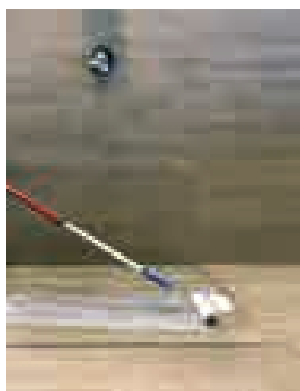
Kerapoxy 4 LVT

Two-component epoxy grout for LVT floorings.



TECHNICAL DATA:

Mixing ratio: 9 : 1.
Consistency: comp. A: thick paste; comp. B: gel.
Colours: 112 medium grey, 114 anthracite, 120 black, 130 jasmine, 134 silk, 146 rich brown.
Pot life: approx. 45 minutes.
Set to light foot traffic: 12 h.
Ready to use: 3 days.
Application: rubber float.
Cleaning and finishing: Scotch-Brite® and MAPEI sponge.
Storage: 24 months.
Consumption: according to the size of the joints and of the LVT.
Packaging: 2 kg units.



Mapecoat 4 LVT

Two component aliphatic, anti-slip polyurethane finish in water dispersion for LVT.



TECHNICAL DATA:

Mixing ratio: 5 : 1.
Dust dry: 30 minutes.
Touch dry: 50 minutes.
Re-varnishing (if required): min. 2 hours - max. 48 hours (after more than 48 hours, the surface will need to be adequately prepared with a red or green ULTRACOAT PAD).
Set to light foot traffic: 16 hours.
Ready for use (also in contact with shower water): 24 hours.
EMICODE: EC1 - very low emission.
Gloss level (approximate value): 10-30 gloss.
Slip resistance according to DIN 51130 and AS 4586: R11.
Barefoot slip resistance according to DIN 51097 and AS 4586: A+B.
Slip resistance according to EN 13036-4 and AS 4586 (pendulum method): dry: 90; wet: 55.
Slip resistance (Method B.C.R.): leather, dry surface (μ): 0.56; rubber, dry surface (μ): 0.74; rubber, wet surface (μ): 0.81.
Consumption: 80-100 g/m².
Packaging: 1.2 kg kits (A + B).



Mapesonic GD 4 LVT

Low-thickness, high-density, sound proofing system, for LVT reinforced with glass fibre mesh, designed to block and reduce transmission of foot step noise through floors.



TECHNICAL DATA:

Thickness: 1.5 mm.
Size: 10 m x 1 m sheets.
Weight: 1.1 kg/m².
Dimensional stability (ISO 23999): <0.2%.
Reduction of noise from footsteps (ISO 10140-1): 16 dB (for 2.5 mm thick LVT).
EMICODE: EC1 Plus - very low emission.
Packaging: 10 x 1 m (10 m²) rolls.



Mapesonic SA 4 LVT

Self-adhesive, low-thickness, high-density, sound proofing system, for LVT reinforced with glass fibre mesh, designed to block and reduce transmission of foot step noise through floors.



TECHNICAL DATA:

Thickness: 1.7 mm.
Size: 10 m x 1 m sheets.
Weight: 1.1 kg/m².
Dimensional stability (ISO 23999): <0.2%.
Reduction of noise from footsteps (ISO 10140-1): 16 dB (for 2.5 mm thick LVT).
EMICODE: EC1 Plus - very low emission.
Packaging: 10 x 1 m (10 m²) rolls.



Planiprep 4 LVT

Ready-to-use smoothing compound for levelling off existing substrates with joint before laying LVT coatings.

Existing interior ceramic and natural stone substrates can be levelled and smooth over (down to a feather edge up to a thickness of 2 mm) filling joints and gaps between the tiles creating a fine a smooth surface suitable for bonding loose-lay LVT tiles and planks using reactive adhesives, such as ULTRABOND ECO MS 4 LVT and ULTRABOND ECO MS 4 LVT WALL in a very short time (after 2 hours).



TECHNICAL DATA:

Where to use: internal floors and walls for loose-lay LVT.
Consistency: thick paste.
Colour: white.
Thickness applied: 0-2 mm (up to 3-4 mm in gaps and joints).
Set to light foot traffic: approx. 1 hour.
Waiting time before sanding and applying LVT: approx. 2 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 80-100 g/m².
Packaging: 10 kg drums.



Planiprep Remove 4 LVT

Ready-to-use grout smoother for loose-lay LVT easy to remove without leaving any residual.

This product is used to level off and smooth over (down to a feather edge in layers up to 2 mm thick) existing internal ceramic and stone surfaces. It fills joints and gaps between tiles and forms a fine, smooth finish suitable for loose-lay LVT tiles and planks.



TECHNICAL DATA:

Where to use: internal floors, for loose-lay LVT.
Consistency: thick paste.
Colour: white.
Thickness applied: 0-2 mm.
Set to light foot traffic: 12-24 hours.
Waiting time before sanding and installing loose-lay or glue-down LVT: 12-24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 80-100 g/m².
Packaging: 10 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Spacers 4 LVT

Spacers for calibrating grout lines in LVT, SPC and rigid LVT.
For 2 mm, 3 mm and 4 mm grouts.

TECHNICAL DATA:

Packaging: 200 pcs sachets.

9.3 Reactive adhesives



Adesilex G19

Two-component, epoxy-polyurethane adhesive for resilient and textile flooring on internal and external absorbent and non-absorbent substrates.
Specifically developed for the installation of rubber athletic tracks.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: liquid.
Colour: comp. A: beige, red, green and black; comp. B: transparent.

Mixing ratio: comp. A: comp. B = 94 : 6.

Pot life of mix: 50-60 minutes.

Setting time: 9 hours.

Set to light foot traffic: 12-24 hours.

Ready for use: 3 days.

Storage: 24 months.

Application: nr. 1, 2, 3, 4 MAPEI trowels, TKB A1, A2, B1, B2, C1.

Consumption: 350-1000 g/m².

Packaging: 5 and 10 kg drums.



Adesilex G19 Conductive

Two-component, epoxy-polyurethane adhesive, for bonding resilient conductive flooring on both absorbent and non-absorbent substrates.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.

Colour: comp. A: black; comp. B: straw yellow.

Mixing ratio: comp. A : comp. B = 90 : 10.

Pot life of mix: 30 minutes.

Open time: 50 minutes.

Setting time: 5 hours.

Set to light foot traffic: 12-24 hours.

Ready for use: 3 days.

Electrical resistance: 150,000 ohm.

Storage: 24 months.

Application: N° 1, 2 MAPEI trowels, TKB A2, B1, B2, B3.

Consumption: 300-450 g/m².

Packaging: 10 kg drums.



Adesilex G19 Fast

Fast setting, two-component epoxy-polyurethane adhesive for resilient and textile flooring on internal and external absorbent and non-absorbent substrates.
Specifically developed for the installation of rubber athletic tracks.



TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: liquid.
Colour: comp. A: beige, red, green and black; comp. B: transparent.

Mixing ratio: comp. A: comp. B = 94 : 6.

Pot life of mix: 25-30 minutes.

Setting time: 4-5 hours.

Set to light foot traffic: 6-12 hours.

Ready for use: 36 hours.

Storage: 24 months.

Application: nr. 1, 2, 3, 4 MAPEI trowels, TKB A1, A2, B1, B2, C1.

Consumption: 0.35-1.0 kg/m².

Packaging: 10 kg kits.



Adesilex G19 FR Fast



Solvent free, two component, fast setting, epoxy-polyurethane adhesive for resilient and textile floorings in transportation equipment industry. Complies with the requirements of EN 45545-2:2013 ("Requirements for fire behaviour of materials and components") for the Hazard Levels HL1-HL2, requirements set R10. Also meets the requirements of smoke-gas toxicity specified in the Chinese Standards TB/T3237:2010 and TB/T3139:2006. It is suitable for marine equipment in compliance with the Marine Equipment Directive (MED) 96/98/EC and subsequent amendments.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: liquid.
Colour: comp. A: beige; comp. B: transparent.
Mixing ratio: comp. A : comp. B = 94 : 6.
Pot life of mix: 25-30 minutes.
Setting time: 4-5 hours.
Set to light foot traffic: 6-12 hours.
Ready for use: 36 hours.
Storage: 12 months.
Application: nr. 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2, C1.
Consumption: 400-800 g/m².
Packaging: 10 kg drums.



Adesilex G20

Low viscosity, two-component epoxy-polyurethane adhesive for resilient and textile flooring on internal and external absorbent and non-absorbent substrates. Particularly suitable for installing thin flooring, also onto waterproofing underlays such as MAPELAY, in order to avoid the ribs of adhesive may show through.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: liquid.
Colour: comp. A: beige; comp. B: transparent.
Mixing ratio: comp. A: comp. B = 94 : 6.
Pot life of mix: 50-60 minutes.
Setting time: 9 hours.
Set to light foot traffic: 12-24 hours.
Ready for use: 3 days.
Storage: 24 months.
Application: nr. 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 350-600 g/m².
Packaging: 5 and 10 kg kits.



Adesilex G20 Fast



Low viscosity, fast setting, two-component epoxy-polyurethane adhesive for resilient and textile flooring on internal and external absorbent and non-absorbent substrates. Particularly suitable for installing thin flooring, also onto waterproofing fiberglass reinforced underlays such as MAPELAY, in order to avoid the ribs of adhesive may show through.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: liquid.
Colour: comp. A: beige; comp. B: transparent.
Mixing ratio: comp. A: comp. B = 94 : 6.
Pot life of mix: 25-30 minutes.
Setting time: 4.5 hours.
Set to light foot traffic: 6-12 hours.
Ready for use: 36 hours.
Storage: 24 months.
Application: nr. 1, 2, 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 350-600 g/m².
Packaging: 10 kg kits.



Ultrabond Eco 571 2K



Two-component, low-viscosity polyurethane adhesive with no water or solvents for bonding internal and external PVC and rubber flooring.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Colour:
- comp. A: grey;
- comp. B: brown.
Mixing ratio: comp. A : comp. B = 86 : 14.
Pot life of mix: approx. 30 minutes.
Open time: 50-60 minutes.
Setting time: approx. 4 hours.
Set to light foot traffic: after 12-24 hours.
Ready for use: after 3 days.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1, 2 or 3 MAPEI trowels, TKB A1, A2, B1, B2.
Consumption: 300-600 g/m².
Packaging: 10 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco Decor Wet **NEW**

One component, silylated polymer-based for decorative fiber glass and wall paper in wet area even on non-absorbent substrate.



TECHNICAL DATA:

Consistenza: gel.
Colour: transparent.
Waiting time: 90 minutes.
Ready to use: 24 hours.
EMICODE: EC1 PLUS - very low emission.
Storage: 12 months.
Application: n. 1 MAPEI trowels, TKB A1, A4 roller.
Consumption: 200 g/m².
Packaging: 3 kg drums.



NEW FORMULA
EVEN BETTER

Ultrabond Eco MS 4 LVT

One-component, silylate polymer based adhesive for LVT, SPC and rigid LVT. Particularly suitable for laying LVT and resilient flooring in wet areas even on non-absorbent substrates.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: ivory.
Open time: 20-30 minutes.
Set to light foot traffic: 5 hours.
Ready for use: 24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1 MAPEI trowel, TKB A1, A2.
Consumption: 250-350 g/m².
Packaging: 15 kg drums.



www.blauer-engel.de/uz113



NEW FORMULA
EVEN BETTER

Ultrabond Eco MS 4 LVT Wall

One-component, silylated polymer-based adhesive for the installation of LVT, SPC and rigid LVT on walls. Also suitable for the installation on floors. Particularly suitable for laying LVT in wet areas even on non-absorbent substrates.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: ivory.
Open time: 20-30 minutes.
Ready for use: 24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1 MAPEI trowel, TKB A1, A2.
Consumption: 250-350 g/m².
Packaging: 7 kg drums.



www.blauer-engel.de/uz113



Ultrabond Eco S1000 1K

One-component, fibre-reinforced, silylate polymer-based adhesive for rubber, polyolefine and linoleum floor coverings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: white.
Open time: 20-30 minutes.
Set to light foot traffic: 5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1, 2 MAPEI trowels, TKB A1, A2, B1.
Consumption: 250-450 g/m².
Packaging: 15 kg drums.

9.4 Polychloroprenic and elastomeric contact adhesives



Adesilex LP

Polychloroprenic contact adhesive in solvent for laying profiles, covings and resilient floors and coverings where immediate setting is required.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: beige.
Waiting time: 10-20 minutes.
Open time: 5 hours.
Set to light foot traffic: immediate.
Ready for use: immediate.
Storage: 24 months.
Application: N° 1 MAPEI trowels, TKB A2, A3.
Consumption: 200-300 g/m².
Packaging: 1, 5 and 10 kg drums.



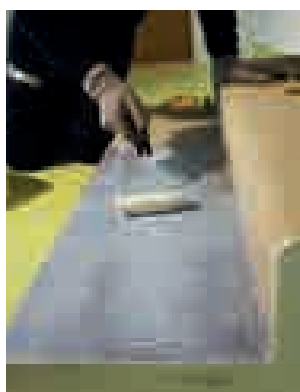
Adesilex VZ

Double coat, polychloroprenic contact adhesive in solvent for laying profiles, covings and resilient floors and coverings where immediate setting is required.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: beige.
Waiting time: 10-20 minutes.
Open time: 50 minutes.
Set to light foot traffic: immediate.
Ready for use: immediate.
Storage: 24 months.
Application: N° 1 notched trowel, TKB A2, A3.
Consumption: 200-300 g/m².
Packaging: 1, 5 and 10 kg drums.



Ultrabond Eco Contact

Solvent-free contact adhesive for resilient and textile floor and wall coverings. Suitable for bonding covings, fillets, steps and corner pieces.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: white.
Waiting time: from 30 minutes to 2 hours depending on the type of application, temperature, environmental moisture and substrate absorption. Installation is possible even 18 hours after the spreading of the adhesive.
Set to light foot traffic: immediate.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months in its original sealed packaging. Avoid prolonged exposure to frost.
Consumption: 150-200 g/m² per coat on every kind of surface.
Packaging: 10 and 5 kg drums.

9.5 Powder adhesives



Glicovil Special

Special powder adhesive for heavy vinyl wall coverings with a paper or non-woven fabric backing.

TECHNICAL DATA:

Consistency: powder.
Colour: white.
Dilution ratio: 250 g of powder with 5-10 litres of water (according to use).
Storage: 24 months.
Application: trowel, brush or roller.
Consumption: 80-100 g/m².
Packaging: 250 g boxes.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS

9.6 Cementitious adhesives



Granirapid

Two-component, high-performance, deformable, quick-setting and drying cementitious adhesive for rubber slabs bonded to cement



TECHNICAL DATA:

Consistency: comp. A: powder; comp. B: thick liquid.
Mixing ratio: comp. A: 25 kg + comp. B: 5.5 kg.
Pot life of mix: 45 minutes.
Application temperature range: from +5°C to +30°C.
Open time: 20 minutes.
Setting time: 2 hours.
Set to light foot traffic: 3-4 hours.
Ready for use: 24 hours.
Colours available: grey and white.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 10 MAPEI notched trowel.
Consumption: 8 kg/m².
Packaging: GRANIRAPID white: 28 kg kit component A: 22.5 kg bag component B: 5.5 kg drum
GRANIRAPID grey: 30.5 kg kit component A: 25 kg bag component B: 5.5 kg drum.

9.7 Adhesive strips



Mapecontact

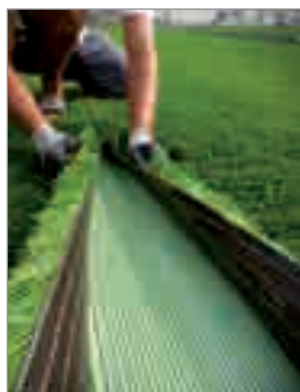
Reinforced adhesive tape for laying profiles, base-boards, covings and resilient and textile coverings on steps.



TECHNICAL DATA:

Colour: adhesive: transparent; reinforcement: orange.
Quantity of adhesive per m²: 0.38 kg/m².
Application temperature range: from +15°C to +35°C.
Waiting time: none, bonds immediately.
Set to light foot traffic: immediate.
Ready for use: immediate.
Storage: 12 months.
Height of roll: 35, 65, 85 and 240 mm.
Length of roll: 50 m.
Packaging:
- 35 mm: boxes containing 8x50 m long rolls;
- 65 mm: boxes containing 4x50 m long rolls;
- 85 mm: boxes containing 3x50 m long rolls;
- 240 mm: boxes containing 1x50 m long roll.

9.8 Adhesives for synthetic grass



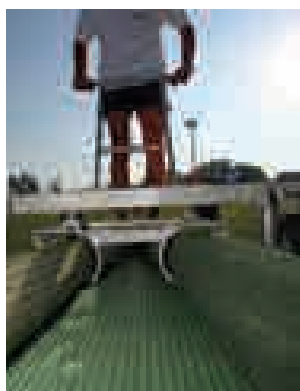
Ultrabond Turf 2 Stars

2-component, rapid-setting polyurethane adhesive with very low emission of volatile organic compounds (VOC) for bonding synthetic grass.



TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Colour: comp. A: green/red/white; comp. B: brown.
Inflammable: no.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 30 minutes.
Application temperature range: from 15°C to +35°C.
Open time: 40-45 minutes.
EMICODE: EC1 Plus - very low emission.
Set to light foot traffic: after 12-24 hours.
Storage: 12 months.
Application: N° 3 or 4 notched trowel.
Consumption: 0.4-0.5 kg per metre of 40 mm wide jointing strip (10 kg of adhesive for 20-25 metres).
Packaging: 5 and 15 kg drums (green). Red and white are available in 15 kg drums upon request.



Ultrabond Turf 2 Stars Pro

Two-component polyurethane adhesive with very low emission of VOC, for installing highly flexible synthetic grass sports surfaces.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: green.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: approx. 40 minutes.
Application temperature range: from +15°C to +35°C.
Open time: approx. 45 minutes.
EMICODE: EC1 Plus - very low emission.
Set to light foot traffic: 12 hours.
Storage: 12 months.
Application: n° 3 or 4 notched trowel.
Consumption: 0.4-0.5 kg per metre of 40 cm wide jointing strip (10 kg of adhesive for 20-25 metres).
Packaging: 15 and 5 kg drums (green).



Ultrabond Turf 2 Stars W

2-component, rapid-setting polyurethane adhesive with very low emission level of volatile organic compounds (VOC) for bonding synthetic grass even with low temperature.



TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Colour: comp. A: green/red/white; comp. B: brown.
Inflammable: no.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 30 minutes.
Application temperature range: from +0°C to +25°C.
Open time: 30-35 minutes.
Set to light foot traffic: after 12-24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 3 or 4 notched trowel.
Consumption: 0.4-0.5 kg per metre of 40 mm wide jointing strip (10 kg of adhesive for 20-25 metres).
Packaging: 15 kg drums (green, red and white).



Ultrabond Turf LS

One-component, ready-to-use silylated polymer-based adhesive for bonding decorative synthetic grass.

TECHNICAL DATA:

Consistency: thixotropic paste.
Colour: green.
Application temperature: from +0°C to +35°C.
Open time: 25 minutes.
Set to foot traffic: 12 hours.
Storage: 12 months.
Application: sealant extrusion gun.
Consumption: depending on application technique.
Packaging: box of 12 300 ml cartridges.



Ultrabond Turf PU 1K

One-component, ready-to-use, polyurethane adhesive for bonding jointing strips between sheets of synthetic grass.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: green.
Inflammable: no.
Application temperature: from +0°C to +35°C.
Open time: 80-100 minutes.
Set to light foot traffic: 12 hours.
Storage: 12 months.
Application: N° 3 or 4 notched trowel.
Consumption: 0.30-0.35 kg per linear metre of 40 cm wide jointing strip (10 kg of adhesive for 22-25 linear metres of jointing strip).
Packaging: 7 and 15 kg drums and box of 12 600 ml aluminium soft-cartridges.

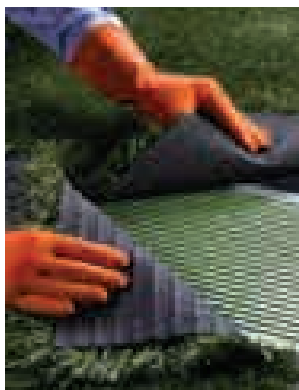


Ultrabond Turf PU 1K LC

One-component, ready-to-use polyurethane adhesive for bonding jointing strips between rolls of synthetic grass.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: green.
Application temperature: from +0°C to +35°C.
Open time: 60 minutes.
Set to light foot traffic: 12 hours.
Storage: 12 months.
Application: N° 3 or 4 notched trowel.
Consumption: 0.30-0.35 kg per metre of 40 cm wide jointing strip (10 kg of adhesive for 22-25 metres).
Packaging: 15 and 7 kg drums.



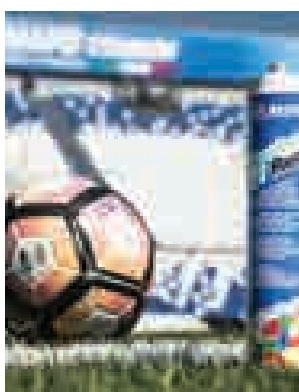
Ultrabond Turf PU 2K

Two-component polyurethane adhesive for bonding jointing strips between sheets of synthetic grass with very low emission level of volatile organic compounds (VOC).



TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Colour: green, red and white.
Mixing ratio: comp. A : comp. B = 90 : 10.
Pot life of mix: 60 minutes.
Application temperature: from +0°C to +35°C.
Open time: 70-80 minutes.
EMICODE: EC1 Plus - very low emission.
Set to light foot traffic: 12-24 hours.
Storage: 12 months.
Application: N° 3 or 4 notched trowel.
Consumption: 0.4-0.5 kg per metre of 40 cm wide jointing strip (10 kg of adhesive for 20-25 metres of jointing strip).
Packaging: 15 kg drums (green, red and white).



Ultrabond Turf Repair

One component polyurethane adhesive with modified viscosity for repairing artificial turf surfaces.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: green.
Inflammable: no.
Application temperature range: from +0°C to +35°C.
Set to light foot traffic: 12 hours.
Storage: 12 months.
Application: n° 3 or 4 notched trowel.
Consumption: depending on the stip used for the repairing work.
Packaging: box of 12 300 ml cartridges.



Ultrabond Turf Tape 100

Jointing strip for fixing synthetic grass sheets in place and marking out lines for various sporting disciplines, even the strictest ones (i.e. Rugby).

TECHNICAL DATA:

Thickness: 0.100 mm.
Height of roll: 400 mm.
Length of roll: 300 metres.

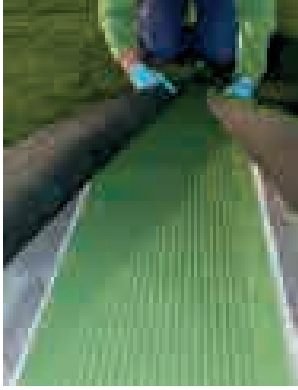


Ultrabond Turf Tape 300

Jointing strip for fixing synthetic grass sheets in place and marking out lines for various sporting disciplines.

TECHNICAL DATA:

Thickness: 0.5 mm.
Height of roll: 300 mm.
Length of roll: 300 metres.



Ultrabond Turf Tape Pro

Joining strip for fixing synthetic grass sheets in place and making out lines for various sporting disciplines. When used in combination with adhesives from the ULTRABOND TURF range, it complies with the new FIFA requirements.

TECHNICAL DATA:
Thickness: 0.36 mm.
Height of roll: 300 mm.
Length of roll: 300 metres.



MAPEI

Специальный очиститель
для эпоксидных смол
и полиуретановых
покрытий. Подходит
для очистки
поверхности перед
нанесением нового
слоя эпоксидной
смолы или полиуретановых
покрытий. Не
использовать на
поверхности, которые
будут подвержены
химическому воздействию.

0.750 ml e

КЕТПОКСИ
Cleaner

MAPEI



**COMPLEMENTARY PRODUCTS FOR
LAYING CERAMIC TILES, STONE
MATERIAL, PARQUET, RESILIENT
AND TEXTILE COVERINGS**

10.1 Complementary products for laying ceramic tiles and stone material



Fuga Fresca

Acrylic resin paint in water dispersion to bring back the colour of tile joints in ceramic tiles.

TECHNICAL DATA:

Colour: available in 34 different colours.

Application: by brush or bottle.

Consumption: according to the size of the joint.

Packaging: 1 kg tins and 160 g bottles.



Keranet

Acid-based cleaning solution for ceramic tiles. Particularly recommended for eliminating lime efflorescence and for the final cleaning step of Tuscany terracotta. In powder (concentrated) or liquid (15% in solution).

TECHNICAL DATA:

pH of liquid: 1.13.

Waiting time before rinsing: 5 minutes, according to the consistency of the dirt; keep applying until stains have been completely removed. Rinse well after cleaning.

Storage: 24 months.

Consumption: according to requirements.

Packaging:

- concentrated powder: 18x1 kg packages;
- liquid ready for use: 5, 10 and 25 kg canisters and 12x1 kg packages;
- 0.75 kg spray bottles.



Kerapoxy Cleaner

Special cleaning solution for epoxy grout, suitable for cleaning operations after completing laying work and for removing traces and stains of epoxy grout (such as KERAPOXY, KERAPOXY P, KERAPOXY DESIGN and KERAPOXY CQ) from the surface of ceramic and glass coverings. Also suitable for removing residual or shadows of KERAPOXY 4 LVT and FLEXCOLOR 4 LVT from the surface of LVT floors and coverings.

TECHNICAL DATA:

pH of liquid: 12

Waiting time before rinsing: several minutes. In the case of larger residues, leave the solution to react for longer or repeat the cleaning operation.

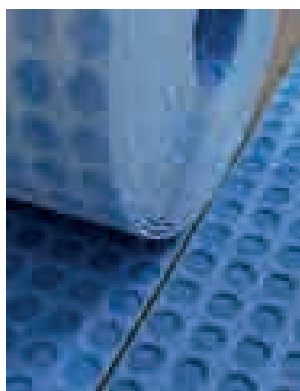
Storage: 24 months.

Application: by spray.

Consumption: according to requirements.

Packaging:

- 0.75 kg spray bottles;
- 5 kg tanks.



Mapeguard UM 35 NEW

Waterproofing, uncoupling and anti-fracture membrane for cracked and damp substrates and substrates that are not fully cured before installing ceramic and stone tiles for internal and external surfaces without having to copy the layout of distribution joints in the substrate.

TECHNICAL DATA:

Length: 30 m.

Width: 1 m.

Application: see technical Data Sheet.

Packaging: 30 m rolls.



Mapetex System

Removable anti-fracture system for laying ceramic and stone flooring.

TECHNICAL DATA:

- MAPETEX:
width: 100 cm and 200 cm.
- MAPETEX STRIP:
width: 50 mm and 410 mm.

Application: see Technical Data Sheet.

Packaging:

- MAPETEX:
2 m x 50 m rolls;
1 m x 50 m rolls.
- MAPETEX STRIP:
50 mm x 25 m rolls;
410 mm by 10 m rolls;
410 mm x 5 m rolls.



Mapetherm Tile Fix 15

Expansion plugs with 7 mm diameter zinc-plated steel screws for fastening up to 160 mm thick panels, supplied with a 10 mm diameter nylon plug and heat-stop washer.

TECHNICAL DATA:

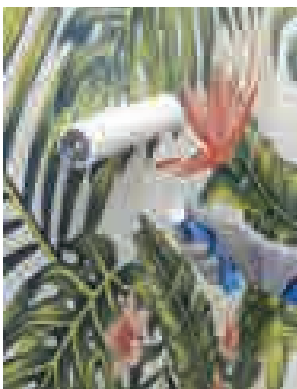
- Length of plug:** 230 mm.
Diameter of screw: 7 mm.
Diameter of plug: 10 mm.
Diameter of hole: 10 mm.
Minimum depth of hole in reinforced cement and masonry: from 45 mm to 100 mm.
Maximum thickness to be fastened: 160 mm.
Packaging: boxes of 100 plugs.



Mapetiles Removable System

Removable soundproofing and isolating system for installing ceramic flooring.

10.2 Complementary products for laying resilient and textile coverings



Mapecoat Decor Protection NEW

Two component aliphatic, protective polyurethane finish in water dispersion for decorative fibre glass and vinyl wallpaper in wet area.

TECHNICAL DATA:

- Mixing ratio:** 5:1.
Re-varnishing (if required): min 2 hours.
Ready to use (also in contact with shower water): 24 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months.
Application: shortpile roller (T3 or T5 type).
Consumption: 80-100 g/m².
Packaging: 1.2 kg kit (A+B).



Mapecoat Wet & Dry R11

Two component aliphatic, anti-slip polyurethane finish in water dispersion for resilient floor-coverings.



TECHNICAL DATA:

Mixing ratio: 5/1.
Dust dry: 30 minutes.
Touch dry: 50 minutes.
Re-varnishing (if required): min. 2 hours - max. 48 hours (after more than 48 hours, the surface will need to be adequately prepared with a red or green ULTRACOAT PAD).
Set to light foot traffic: 16 hours.
Ready for use (also in contact with shower water): 16 hours.
EMICODE: EC1 - very low emission.
Gloss level (approximate value): 10-30 gloss.
Slip resistance according to DIN 51130: R11.
Slip resistance according to EN 13036-4 (pendulum method):
 - dry: 90;
 - wet: 55.
Slip resistance (Method B.C.R.):
 - leather, dry surface (μ): 0.56;
 - rubber, dry surface (μ): 0.74;
 - rubber, wet surface (μ): 0.81.

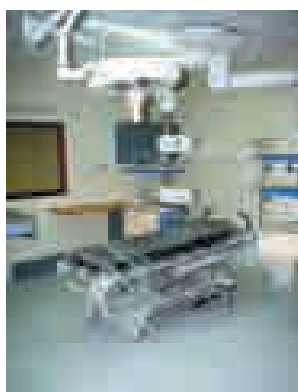


Mapelay

PVC waterproofing and uncoupling sheet reinforced with glass fibres, for laying internal resilient and fabric floors on cracked, particularly dirty or damp substrates or subject to capillary rising damp.

TECHNICAL DATA:

Length: 25 m.
Width: 2 m.
Thickness: 1.2 mm.
Weight: 1.1 kg/m².
Packaging: 25 m rolls. Weight of roll approx. 57 kg.

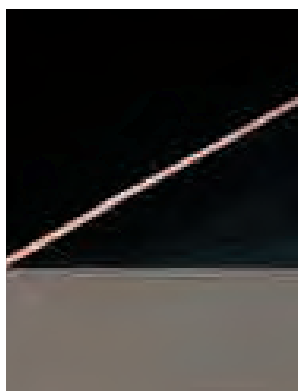


Mapelectric CP1

Solvent-free conductive admixture added to primers, smoothing compounds, adhesives and grouting mortars for laying ceramic floors.

TECHNICAL DATA:

Consistency: fluid paste.
Colour: black.
Density: 1.05 kg/dm³.
pH: no.
Flammable: no.
Consumption: see Technical Data Sheet.
Packaging: 2.5 kg drums.

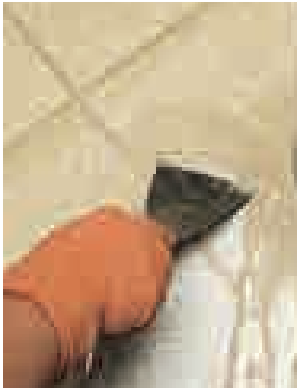


Primer G Conductive

Dark-coloured, solvent-free conductive synthetic resin primer in water dispersion.

TECHNICAL DATA:

Consistency: liquid.
Colour: black.
Application temperature range: from +5°C to +40°C.
Drying time: minimum 2 hours.
Electrical resistance: 50,000 ohm.
Storage: 24 months. Protect from frost.
Application: brush.
Consumption: 0.1-0.15 kg/m².
Packaging: 10 kg drums.



Pulicol 2000

Solvent gel for removing adhesive and paint.

TECHNICAL DATA:

Consistency: gel.

Colour: transparent.

Flammable: yes.

Application temperature range: from +10°C to +35°C.

Removal time:

– adhesives in water dispersion or in solution: 5 minutes;

– reactive adhesives: 60 minutes.

Storage: 24 months.

Application: trowel.

Consumption: 0.3 kg/m².

Packaging: 2.5 kg drums.

10.3 Accessories, abrasive disks and products for the maintenance of parquet



Cleaner H

Damp wipes for cleaning hands.

TECHNICAL DATA:

Packaging: plastic bottles with 80 damp wipes (20x30 cm).



Cleaner L

Cleaning solution for pre-finished parquet.

TECHNICAL DATA:

Consistency: liquid.

Colour: transparent.

Inflammable: yes.

Application temperature range: from +5°C to +35°C.

Drying time: 24 hours.

Storage: 12 months.

Application: cotton rag.

Consumption: 5-20 g/m².

Packaging: 1 litre bottles (0.85 kg) in boxes of 12 bottles.



Mapei Spray Mop

Compact and light with an innovative design, specifically developed for cleaning domestic areas quickly and efficiently.

May be used for daily cleaning operations on wooden floors using specific detergent, as well as for extra maintenance work to remove old wax and apply new wax.

TECHNICAL DATA:

Packaging: 6 pieces.



Ultrabond P-R9

One-component, moisture curing, expansive polyurethane adhesive used by injection, for fastening and repairing parquet elements which are not perfectly bonded to the substrate.

TECHNICAL DATA:

Consistency: liquid.

Colour: brown.

Inflammable: no.

Application temperature range: from +10°C to +35°C.

Sanding: 24 hours.

Set to light foot traffic: 24 hours.

Storage: 6 months.

Application: by extrusion from the nozzle on the canister.

Consumption: 1-2 ml for each hole to be injected.

Packaging: 0.5 kg canisters.



Ultracoat Cleaner

Hygienising detergent for wooden floors. Used neat it removes the most stubborn dirt. When diluted with water, it is the ideal detergent for daily cleaning operations in rooms where maximum hygiene is required. Gets rid of dirt from parquet without removing the finishing treatments. Leaves floors clean and hygienised with a pleasant fragrance.



Ultracoat Oil Pad

Special fabric pad for applying ULTRACOAT HARD OIL FAST, ULTRACOAT OIL PLUS and ULTRACOAT OIL COLOR.

Specific for removing the products.



Ultracoat Pad

Pads used for polishing and cleaning parquet floors.

TECHNICAL DATA:

Packaging: boxes of 6 pads.

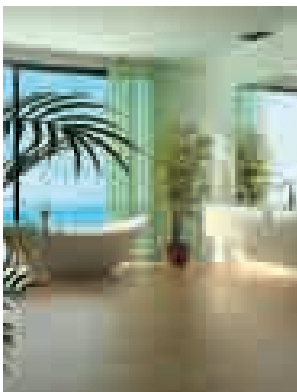


Ultracoat Pad Special Stripper

Pads used for polishing and sanding of Ultracoat base coats and paints.

TECHNICAL DATA:

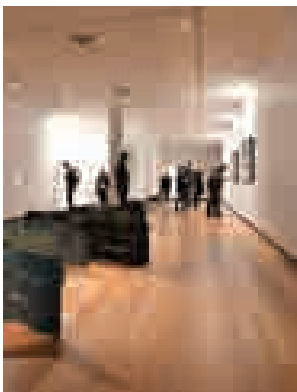
Packaging: boxes of 10 pads.



Ultracoat Polish A-S

Natural anti-slip protection for wooden floors.

Ready-to-use natural wax made from Carnauba extract and water developed specifically for the maintenance of wooden floors using natural products. Also makes surfaces non-slip.



Ultracoat Polish H-T

Protective wear and stain-resistant polish for wooden floors.

Ready-to-use product for all types of varnished wooden floor. Provides effective protection against the penetration of stains and reduces absorption of oil, grease, coffee, wine and paint. Also protects against wear from footsteps and abrasion and prevents surface scratches. Brightens up varnished floors to restore them to their original condition and makes the surface of floors less slippery.



Ultracoat Remover Plus

Detergent to remove old wax and stubborn dirt; brings out the natural veining of wood. Reacts with old wax by breaking it down to make removal easier.



**Ultracoat Roller
Base Sport**

Roller for premium base application of the first coat of ULTRACOAT HT SPORT on playing surfaces.



**Ultracoat Roller
Finish Sport**

Roller for applying ULTRACOAT HT SPORT and ULTRACOAT SPORT COLOR.



Ultracoat Roller MT8

Handle for ULTRACOAT ROLLER T3, ULTRACOAT ROLLER T5 and ULTRACOAT ROLLER T10 rollers.



**Ultracoat Roller
MT Sport**

Handle for ULTRACOAT ROLLER BASE SPORT and ULTRACOAT ROLLER FINISH SPORT



Ultracoat Roller T3

Roller for applying ULTRACOAT HARD OIL FAST, ULTRACOAT OIL PLUS, ULTRACOAT OIL WAX and ULTRACOAT OIL COLOR.



Ultracoat Roller T5

5 mm fabric roller for applying the second coat of all ULTRACOAT finishing cycles on low porosity wood; after checking its suitability it may also be used for applying the first coat directly on wood.



Ultracoat Roller T10

Roller for applying all base coats and undercoats from the ULTRACOAT line or the first coat of all finishes from the ULTRACOAT line; particularly recommended for absorbent wood and for treating old floors.



Ultracoat SR

Abrasive mesh disks in silica carbide for sanding parquet floors.



Ultracoat Steel Spatula

Special spatula recommended for spreading ULTRACOAT AQUA PLUS and ULTRACOAT OIL WAX. Made entirely from stainless steel, when used to apply ULTRACOAT AQUA PLUS it avoids staining the pavement due to discolouring of the high quantity of tannin in certain types of wood. Adjustable flexibility to make grouting operations easier and to guarantee correct filling of even larger joints. Its special shape with rounded corners helps to avoid the formation of streaks of material on the surface of the floor, which makes it particularly recommended for spreading on ULTRACOAT OIL WAX and ULTRACOAT PREMIUM BASE.





**PRODUCTS FOR RESIN
AND CEMENTITIOUS FLOORS**

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS

11.1 Resin based products



Mapecoat DW 25

Two-component epoxy paint for anti-acid and non-toxic coatings on concrete surfaces, suitable for contact with drinking water.



TECHNICAL DATA:

Consistency: component A thick paste, component B fluid paste.
Colour: component A white, component B transparent.
Density (EN ISO 2811-1) (g/cm³): component A 1.43, component B 1.003.
Dilution rate: supplied ready to use.
Waiting time between each coat: 6-24 hours.
Complete hardening time: 7 days.
Application temperature range: from +5°C to +30°C.
Cleaning: ethanol.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.4-0.6 kg/m² per coat.
Packaging: 5 kg kits (A + B).



Mapecoat I 24

Two-component epoxy paint for anti-acid coatings on concrete surfaces.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.
Colour of mix: white, grey (Ral 7001) and neutral and in RAL colours.
Application temperature range: from +5°C to +30°C.
Workability time: 30-40 minutes.
Setting time of film: 4-5 hours.
Waiting time between first and second coat: 6-24 hours.
Final hardening time: 3 days.
Storage: 24 months in its original sealed packaging.
Application: brush, roller or airless spray.
Consumption: 400-600 g/m² per coat.
Packaging:
 - 5 kg kits (A+B);
 - 15 kg kits (A+B).



Mapecoat I 62 W

Two-component epoxy coating in water dispersion with a gloss finish to form smooth films of resin coating. Specifically developed for coating the surface of walls and ceilings in clean rooms.



TECHNICAL DATA:

Consistency of mix: thick liquid.
Colour: RAL colours. Please contact head office for the complete range.
Application: two coats of the product with a short-pile roller or by airless spray.
Consumption: coating film, approx. 0.20-0.25 kg/m² per coat.
Concentration of airborne particles (ISO 14644-1): ISO Class 5.
VOC emissions (ISO 14644-8): ISO-ACC_m Class -7.1.
Storage: 24 months in its original packaging in a dry place at a temperature of at least +10°C.
Packaging: 11 kg kits (A+B); (comp. A = 2.5 kg; comp. B = 8.5 kg)



Mapecoat I 600 W

Two-component transparent epoxy primer in water dispersion.

TECHNICAL DATA:

Consistency of mix: fluid.
Colour of mix: opaline.
Mixing ratio: comp. A : comp. B = 2.3 : 3.6.
Workability time: 2-3 hours.
Dust dry at +23°C and 50% R.H.: 3-4 hours (first coat); 6-8 hours (second coat).
Final hardening time: 7 days.
Application temperature range: from +8°C to +35°C.
Storage: 24 months in its original sealed packaging.
Application: roller, spray or airless spray.
Consumption: 0.150-0.250 kg/m², depending on the absorbency of the substrate.
Packaging: 5.9 and 11.8 kg kits (A + B).



Mapecoat I 600 W Lucido

Two-component, shiny, transparent epoxy primer in water dispersion.

TECHNICAL DATA:

Consistency of mix: fluid.
Colour of mix: opaline.
Mixing ratio: comp. A: comp. B = 2.3 : 3.6.
Workability time: 2-3 h.
Dust dry at +23°C - 50% R.H.:
 - 3-4 h (first coat);
 - 6-8 h (second coat).
Final hardening time: 7 days.
Application temperature range: from +8°C to +35°C.
Storage: 24 months in its original sealed packaging.
Application: roller, spray or airless spray.
Consumption: 300-500 g/m², depending on the absorbency rate of diluted product.
Packaging: 5.9 kg kits (A + B).



Mapecoat I 620 W

Two-component, shiny epoxy finish in water dispersion for anti-dust and anti-grease treatments on concrete floors, cementitious substrates and as a finishing coat on epoxy systems.



TECHNICAL DATA:

Mixing ratio: comp. A: comp. B = 50:100.
Colour of mix: opaline.
Consistency of mix: fluid.
Application temperature range: from +12°C to +30°C.
Workability time: 40 minutes.
Dusty dry: 3 hours.
Setting time: 8-9 hours.
Set to light foot traffic: 24 hours.
Final hardening time: 7 days.
Storage: 12 months in its original sealed packaging.
Application: short-haired or medium-haired roller or airless spray system.
Consumption: 0.100-0.250 kg/m² per coat according to the absorption of the substrate.
Packaging: 15 kg kits (A + B).



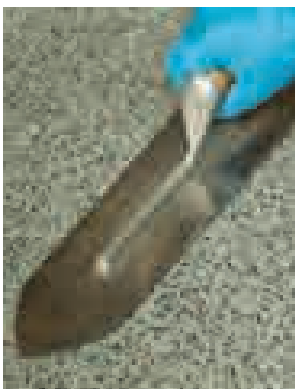
Mapecoat I 650 WT

Two-component, water-dispersed, matt epoxy finish for treating the surface of cementitious substrates.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 20 : 80.
Consistency of mix: fluid.
Workability time: 40 min.
Dust dry: 3-4 h.
Touch dry: 4-5 h.
Waiting time between first and second coat: 6-24 h according to temperature and level of humidity.
Complete hardening time: 7 days.
Storage: 12 months in its original packaging in a dry area away from sources of heat at a temperature of between +5°C and +30°C.
Consumption: approximately 0.25 kg/m² per coat. Consumption depends on the characteristics of the substrate on which the product is applied and the application method used, and may increase if the surface on which it is applied is uneven.
Packaging: 15 kg kits (A + B).



Mapecoat Universal

Two-component, transparent epoxy binder for internal decorative coatings from the MAPEFLOOR COMPACT SYSTEM range.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 2 : 1.
Colour of mix: transparent straw yellow.
Consistency of mix: thick fluid.
Density of mix (kg/m³): ca. 1,079.
Pot life of mix at +23°C and 50% R.H.: approx. 30 minutes.
Application temperature: min. +10°C - max. +30°C.
Hardening time at +23°C and 50% R.H.: set to foot traffic: 12 h; complete hardening time: 7 days.
Shore D hardness after (7 days at +23°C) (ISO 868:2003): approx. 75.
Flexural strength after (7 days at +23°C) (EN 196-1) (N/mm²): ≥ 30.
Compressive strength after (7 days at +23°C) (EN 196-1) (N/mm²): ≥ 55.
Storage: 24 months in its original sealed packaging, in a dry place, stored at a temperature between +5°C and +30°C.
Application: for priming: roller or smooth steel trowel; for MAPEFLOOR COMPACT SYSTEM MF: smooth trowel or smooth rake; for MAPEFLOOR COMPACT SYSTEM HD: screed-box or straight edge with shims.
Consumption: for priming: 0.200-0.400 kg/m²; for MAPEFLOOR COMPACT SYSTEM - 3 mm thickness: 1.4-1.6 kg/m²; for MAPEFLOOR COMPACT SYSTEM HD - 7 mm thickness: 2.0-2.5 kg/m².
Packaging: 15 kg kit (A+B).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS

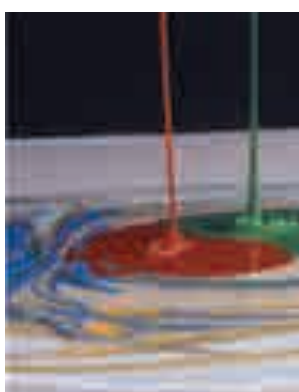


Mapecolor CPU

Powder pigment for colouring
MAPEFLOOR CPU/MF,
MAPEFLOOR CPU/HD,
MAPEFLOOR CPU/RT and
MAPEFLOOR CPU/NZ.

TECHNICAL DATA:

Colour: grey, beige, ochre yellow, red and green.
Bulk density: $1.4 \pm 0.05 \text{ g/cm}^3$.
Storage: 24 months in its original sealed packaging.
Application: mix with polyurethane/cement-based formulations.
Consumption: mix one 5 kg pack per kit of MAPEFLOOR CPU/MF, MAPEFLOOR CPU/HD, MAPEFLOOR CPU/RT or MAPEFLOOR CPU/NZ.
Packaging: kits of 4x5 kg Alupack bags.



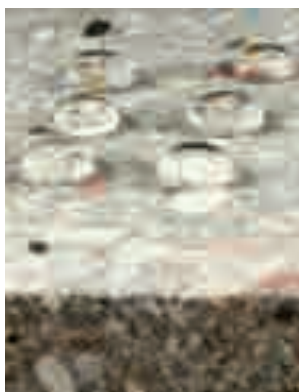
Mapecolor Paste

System for colouring
MAPEFLOOR I 300 SL,
MAPEFLOOR I 500 W,
MAPEFLOOR PU 410, PRIMER SN,
MAPEFLOOR DECOR 700,
MAPEFLOOR I 360 AS and
MAPEFLOOR I 390 EDF.

N.B.: other RAL colours available upon request (minimum quantity 25 kg).

TECHNICAL DATA:

Appearance: paste.
Colour: 19 different RAL colours.
Dry substances content (%): 99 ± 1 .
Application temperature range: from $+10^\circ\text{C}$ to $+30^\circ\text{C}$.
Storage: 24 months in its original sealed packaging.
Application: mixed with epoxy products during preparation.
Consumption: 0.7 kg per kit (A+B) of PRIMER SN, MAPEFLOOR I 300 SL and MAPEFLOOR I 500 W.
Packaging: 0.7 kg buckets.



Mapecrete Creme Protection

Solvent-free, silane-based, thixotropic water repellent in water dispersion, ideal for hydrophobic treatments on concrete.



TECHNICAL DATA:

Colour: yellowish white.
Appearance: creamy.
Density (g/cm^3): 0.9.
Dry substances content (%): 80.
Flash point (ISO 3679): $+64^\circ\text{C}$.
Storage: 12 months in its original sealed packaging.
Application: squeegee, (airless) spray system, brush or roller.
Consumption: 0.1-0.4 kg/m^2 according to the level of absorption of the concrete.
Packaging: 25 kg drums.



Mapecrete LI Hardener

Surface treatment in liquid form made from lithium silicate with a consolidating effect, for new or old concrete floors and concrete surfaces broadcast with quartz sand.

TECHNICAL DATA:

Application temperature range: from $+5^\circ\text{C}$ to $+40^\circ\text{C}$.
Minimum waiting time for the product to penetrate: 30 min.
Loss of material with Taber abrasion test ISO 5940 (mg): 35.
Capillary absorption EN 13057 ($\text{kg/m}^2 \cdot \text{h}^{0.5}$): 1.3.
Storage: 12 months in its original sealed packaging.
Application: by spray with a low pressure pump.
Consumption: 0.2-0.4 kg/m^2 according to the level of porosity of the concrete.
Packaging: 25 kg tanks.



Mapecrete Stain Protection

Hydro-oil repellent and anti-stain treatment for concrete, natural stone and cementitious surfaces made from modified organic polymers in water solution.

TECHNICAL DATA:

Application temperature range: from +10°C to +30°C.
Absorption by immersion in oil (%): 0.35.
Capillary absorption EN 13057 (kg/m²·h^{0.5}): 0.25.
Storage: 12 months in its original sealed packaging.
Application: by spray, airless spray or brush.
Consumption: 0.1-0.3 kg/m² according to the level of porosity of the concrete.
Packaging: 25 kg tanks.

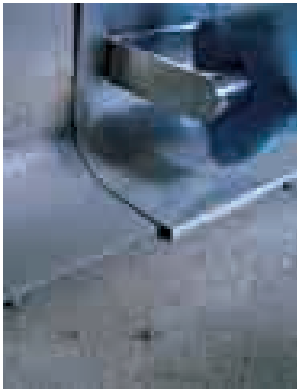


Mapefloor Binder 930

One-component, aliphatic polyurethane binder for decorative open-pore floors made with natural open-pore aggregates.

TECHNICAL DATA:

Colour of mix: transparent.
Consistency of mix: fluid.
Workability time: 70 minutes.
Complete set to light foot traffic time: 48 hours.
Application temperature range: from +8°C to +30°C.
Binder/inert consumption: 1:20.
Compressive strength after 7 days at +23°C (EN 196-1): 12.47 N/mm².
Flexural strength after 7 days at +23°C (EN 196-1): 5.19 N/mm².
Storage: 12 months in its original sealed packaging.
Application: rake, straight-edge, smooth trowel and mechanical vibro-compactor.
Consumption: 1 kg/m² per cm of thickness.
Packaging: 5 kg drums.



Mapefloor CPU/COVE *Fast Track Ready*

Three-component polyurethane/cement-based mortar for making covings and details.

TECHNICAL DATA:

Mixing ratio: A/B/C = 1.6/1.4/18 plus 0.25 parts by weight of MAPECOLOR PASTE.
Colour of mix: depending on the colour of MAPECOLOR PASTE used.
Pot life of mix at +20°C: 20 minutes.
Full hardening time: 5 days.
Compressive strength after 28 days (EN 196-1): ≥ 40 N/mm².
Shore D hardness after 28 days: 75-80.
Storage: 12 months in its original sealed packaging.
Application: suitable steel or plastic tools.
Consumption: according to the size and shape of the edge or corner to be blended: approx. 2 kg/l.
Packaging: 21 kg kits (A+B+C).



Mapefloor CPU/HD

Three-component, high-strength polyurethane-cement mortar with high resistance to chemicals for industrial floors, applied in thicknesses 6 to 9 mm. Complies with standards applied in the foodstuffs sector.



TECHNICAL DATA:

Mixing ratio: A/B/C = 2.6/2.7/20.5 plus 5 kg of MAPECOLOR CPU.
Colour of mix: grey, beige, ochre, red and green.
Consistency of mix: thick.
Pot life of mix at +20°C: 15 minutes.
Dust dry at +23°C and 50% R.H.: 2-4 hours.
Set to light foot traffic at +23°C and 50% R.H.: 8 hours.
Final hardening time: 4 days.
Slip resistance (pendulum test method EN 13036-4):
– dry: 85 (class II);
– wet: 60 (class I).
Storage: 12 months in its original sealed packaging.
Application: American smooth trowel.
Consumption: 2 kg/m² per mm of thickness.
Packaging: 25.8 kg kits (A+B+C).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapefloor CPU/MF

Three-component, self-levelling polyurethane-cement mortar with high resistance to chemicals for industrial floors, applied in thicknesses 3 to 6 mm.

Complies with standards applied in the foodstuffs sector.



TECHNICAL DATA:

Mixing ratio: A/B/C = 5.2/5.4/20 plus 5 kg of MAPECOLOR CPU.

Colour of mix: grey, beige, ochre, red and green.

Consistency of mix: self-levelling fluid.

Pot life of mix at +20°C: 15 minutes.

Dust dry at +23°C and 50% R.H.: 2-4 hours.

Set to light foot traffic at +23°C and 50% R.H.: 24 hours.

Final hardening time: 4 days.

Compressive strength: 50 N/mm².

Flexural strength: 15 N/mm².

Storage: 12 months in its original sealed packaging.

Application: smooth trowel or rake with spacers.

Consumption: 1.7 kg/m² per mm of thickness.

Packaging: 30.6 kg kits (A+B+C).



Mapefloor CPU/NZ

Three-component easy-to-apply high-strength polyurethane/cement-based mortar with high resistance to chemicals for coating industrial floors in layers from 4 to 6 mm thick.



TECHNICAL DATA:

Mixing ratio: A/B/C: 2.6/2.7/16 plus 5 kg of MAPECOLOR CPU.

Colour of mix: grey, beige, red, green, ochre yellow.

Consistency of mix: viscous-fluid.

Pot life of mix at +20°C: 15 mins.

Dust dry at +23°C and 50% R.H.: 2-4 hours.

Set to foot traffic at +23°C and 50% R.H.: 8 hours.

Complete hardening time: 4 days.

Flexural strength after 28 days (UNI EN 13892-2): 14.10 N/mm².

Compressive strength after 28 days

(UNI EN 13892-2): 62.80 N/mm².

Storage: 12 months in its original sealed packaging.

Consumption: 1.9 kg/m² per mm of thickness.

Packaging: 21.3 kg kit (A+B+C).



Mapefloor CPU/RT

Three-component, high-strength, easy-to-apply, polyurethane-cement mortar with high resistance to chemicals for coating industrial floors in layers from 6 to 9 mm thick.

Complies with standards applied in the foodstuffs sector.



TECHNICAL DATA:

Mixing ratio: A/B/C: 2.6/2.7/18 plus 5 kg of MAPECOLOR CPU.

Colour of mix: grey, beige, red, green, ochre yellow.

Consistency of mix: thick.

Pot life of mix at +20°C: 15 min.

Dust dry at +23°C and 50% R.H.: 2 h - 4 h.

Set to light foot traffic at +23°C and 50% R.H.: 8 h.

Complete hardening time: 4 days.

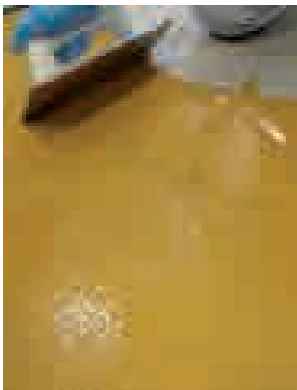
Flexural strength after 28 days (EN 13892-2): 13.80 N/mm².

Compressive strength after 28 days (EN 13892-2): 61.70 N/mm².

Storage: 12 months in a dry area in its original, closed packaging.

Consumption: 1.9 kg/m² per mm of thickness.

Packaging: 23.3 kg kits (A+B+C).



Mapefloor CPU/TC

Three-component polyurethane/cement-based formulate for coating walls and as a finishing coat on polyurethane/cementitious systems for industrial floors.



TECHNICAL DATA:

Mixing ratio: A/B/C = 1.6/1.4/1.7 plus 0.47% by weight of MAPECOLOR PASTE.

Colour of mix: grey, beige, ochre yellow, red and green.

Consistency of mix: fluid.

Pot life of mix at +20°C: 15 mins.

Dust dry at +23°C and 50% R.H.: 2-4 hours.

Set to foot traffic at +23°C and 50% R.H.: 24 hours.

Full hardening time: 5 days.

Storage: 12 months in its original sealed packaging.

Application: steel or rubber trowel or short or medium-haired roller.

Consumption:

– thickness of coat 0.2-0.25 mm: 0.3-0.35 kg/m²;

– finishing coat on MAPEFLOOR CPU/MF with a

dry-shake finish of quartz sand: 0.3-0.6 kg/m².

Packaging: 4.7 kg kits (A+B+C).



Mapefloor Decor 700

Two-component, solvent-free epoxy paste in water dispersion to create floors with a trowel-effect or mottled finish. May be coloured with MAPECOLOR PASTE.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 1 : 4.
Colour of mix: cream.
Consistency of mix: paste.
Dust dry at +23°C and 50% R.H.: 2 hours.
Set to light foot traffic at +23°C and 50% R.H.: 12 hours.
Final hardening time: 7 days.
Compressive strength after 7 days (EN 196-1): 50 N/mm².
Flexural strength after 7 days (EN 196-1): 25 N/mm².
Taber abrasion resistance after 7 days (CS17 disk - 1000 g - 1000 revs): 50 mg.
Storage: 12 months in its original sealed packaging.
Application: smooth trowel.
Consumption: from 1 to 1.5 kg/m² per coat according to the characteristics of the substrate and type of decorative finish required.
Packaging: 10 kg kits (A+B).



Mapefloor EP19

Three-component acid and wear-resistant epoxy mortar for floors.



TECHNICAL DATA:

Mixing ratio: A/B/C = 7.5/2.5/90.
Consistency of mix: damp sand.
Application temperature range: from +5°C to +30°C.
Workability time: from 30 to 40 minutes.
Set to light foot traffic: 6 hours.
Ready for use: 12 hours.
Resistance to temperatures: from -20°C to +120°C.
Resistance to oils: excellent.
Resistance to acids and alkalis: excellent.
Compressive strength after 7 days (EN 196/1): 50 N/mm².
Flexural strength after 7 days (EN 196/1): 20 N/mm².
Taber abrasion resistance after 7 days (H22 disk - 1000 g - 1000 revs): 1.1 g.
Storage: 24 months in its original sealed packaging.
Application: trowel and smooth metal trowel.
Consumption: 20 kg/m² per cm of thickness.
Packaging: 10 kg kits (A+B+C).



Mapefloor Finish 50 N

Two-component, aliphatic, transparent polyurethane finish for absorbent surfaces.

TECHNICAL DATA:

Mixing ratio: comp A : comp. B = 4.9 : 5.1.
Colour of mix: transparent.
Consistency of mix: fluid.
Dry substances content (%): 65.
Density of mix (kg/m³): 1,040.
Viscosity of mix (mPa·s): 345.
Buchholz hardness (after 7 days at +23°C) (DIN 53153): 111.
Dust dry (at 23°C and 50% R.H.): approx. 6 h.
Set to light foot traffic (at +23°C and 50% R.H.): 24 h.
Complete hardening time: 7 days.
Taber Test (after 7 days at +23°C and 50% R.H.) 1,000 cycles/1,000 revs, CS 17 disk (DIN 53109) (mg): 60.
Storage: 12 months in its original packaging at +5°C to +30°C.
Consumption: 0.05-0.3 kg/m² per coat according to absorbency.
Packaging: 10 kg kits (A+B).



Mapefloor Finish 52 W

Two-component, polyurethane finishing product in water dispersion with low yellowing properties, for anti-dust and anti-oil treatments.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 87 : 13.
Colour of mix: opaline.
Consistency of mix: fluid.
Workability time: 30 minutes.
Dust dry (at +23°C and 50% R.H.): 20-35 minutes.
Set to light foot traffic (at +23°C and 50% R.H.): 12 hours.
Final hardening time: 7 days.
Taber Test (after 7 days, CS17 disk, 1000 cycles, 1000 g): 50 mg.
Buchholz hardness (after 7 days): 71.
Storage: 12 months in its original sealed packaging.
Application: short-haired roller such as *mohair*, by spray or *airless* spray system.
Consumption: 50-150 g/m² per coat according to the absorption of the substrate.
Packaging: 5.4 kg kits (A+B).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS

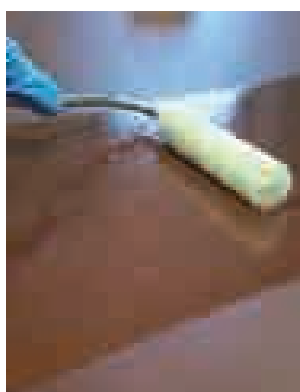


Mapefloor Finish 53 W/L

Two-component, aliphatic, transparent, shiny polyurethane finish in water dispersion with no NMP for protecting resin and cementitious systems.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 10 : 1.
Colour of mix: transparent.
Consistency of mix: fluid.
Workability time: 15-20 minutes at +23°C.
Varnishing: from 3 to 5 hours.
Sanding: after 12 hours.
Set to the touch: 40 minutes.
Dust dry at +23°C and 50% R.H.: 40 minutes.
Set to light foot traffic at +23°C and 50% R.H.: 6-7 hours.
Final hardening time: 12 hours at +23°C.
Gloss: 80.
Taber Test (after 7 days, CS17 disk, 1000 cycles, 1000 g): 22 mg.
Storage: 12 months in its original sealed packaging.
Application: short-haired roller such as *mohair* or *airless* spray system.
Consumption: 0.1-0.2 kg/m² according to the grade of finish required for the coating material.
Packaging: 2 kits (A+B) of 5 + 0.5 l units.



Mapefloor Finish 54 W/S

Two-component, aliphatic, transparent, matt polyurethane finish in water dispersion with no NMP for protecting resin and cementitious systems.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 10 : 1.
Colour of mix: transparent.
Consistency of mix: fluid.
Workability time: 15-20 minutes at +23°C.
Varnishing: from 3 to 5 hours.
Sanding: after 12 hours.
Set to the touch: 40 minutes.
Dust dry at +23°C and 50% R.H.: 40 minutes.
Set to light foot traffic at +23°C and 50% R.H.: 6-7 hours.
Final hardening time: 12 hours at +23°C.
Gloss: 50.
Taber Test (after 7 days, CS17 disk, 1000 cycles, 1000 g): 22 mg.
Storage: 12 months in its original sealed packaging.
Application: short-haired roller such as *mohair* or *airless* spray system.
Consumption: 0.1-0.2 kg/m² according to the grade of finish required for the coating material.
Packaging: 2 kits (A+B) of 5 + 0.5 l units.



Mapefloor Finish 55

Two-component, aliphatic, highly-flexible polyurethane finish resistant to wear and UV rays.

TECHNICAL DATA:

Mixing ratio: comp A : comp B = 5.1 : 4.
Colour of mix: RAL colours - Please, contact head office.
Consistency of mix: fluid paste.
Density of mix (kg/m³): 1,250.
Viscosity of mix (mPa-s): 1,200 ± 200.
Pot life at +23°C: 2 h.
Application temperature range: from +5°C to +30°C.
Final hardening time at +23°C: 2 days.
Maximum deformation after 7 days at +23°C + 14 days at +50°C (%): 120.
Tear strength after 7 days at +23°C + 14 days at +50°C (N/mm): 21.5.
Taber abrasion resistance (CS17 disk - 1,000 g - 1,000 revs) after 7 days at +23°C (mg): 86.
Application: roller or airless spray system.
Storage: 12 months in its original sealed packaging at a temperature between +15°C and +25°C.
Consumption: 0.15-0.35 kg/m².
Packaging: 9.1 kg kits (A+B).



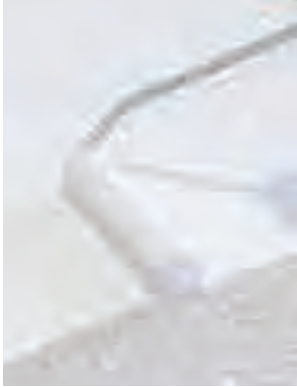
Mapefloor Finish 58 W

Two-component, aliphatic, transparent or coloured, matt polyurethane finish in water dispersion.



TECHNICAL DATA:

Mixing ratio: comp. A: comp. B = 10:1 transparent - 11:1 if coloured.
Colour of mix: transparent or coloured.
Consistency of mix: fluid.
Density of mix (kg/m³): 1,065-1,095.
Abrasion resistance Taber abrasion-meter (CS17 disk, 1000 g) 1000 cycles (mg): 30 (after 7 days).
Gloss (Gloss 60°): 10.
Storage: 12 months in its original packaging at +12°C to +30°C.
Consumption: 0.1-0.2 kg/m² according to the grade of finish required for the coating.
Packaging: 5.5 kg transparent or 6 kg coloured kits (A+B).



Mapefloor Finish 415

Two-component, aromatic, flexible, wear-resistant elastic coloured polyurethane finish.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 80 : 20.
Colour of mix: coloured. Please contact Head Office.
Consistency of mix: liquid/paste.
Density of mix: 1.35 kg/m³.
Viscosity of mix: 2,000-2,500 (mPa-s).
Pot life at (EN ISO 9514): 10 mins. (+ 15%) to reach +40°C.
Set to light foot traffic at +23°C: 24 hours.
Final hardening time at +23°C: 3 days.
Elongation at failure after 7 days at +23°C (DIN 53504): 70%.
Tear strength after 7 days at +23°C (DIN 53515): 90 N/mm.
Tensile strength after 7 days at +23°C (DIN 53504): 15 N/mm².
Taber abrasion resistance (CS17 disk - 1,000 g - 1,000 revs) after 7 days at +23°C: 90 mg.
Storage: 12 months in a covered, dry place at a temperature between +15°C and +25°C.
Theoretical consumption: 0.5-0.8 kg/m².
Packaging: 12.5 kg kits (A+B).



Mapefloor Finish 451

Two-component, aliphatic, flexible, wear and UV resistant, elastic, coloured, polyaspartic finish.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 70 : 30.
Colour of mix: coloured. Please contact Head Office.
Consistency of mix: fluid paste.
Density of mix (kg/m³): 1,480.
Viscosity of mix (mPa-s): 1,500 ± 200 (rotor 4 - 50 revs).
Pot life at +23°C: 40 mins.
Dust dry at 23°C, 150 microns on glass: 90 mins.
Set to foot traffic at +23°C: 24 h.
Final hardening time at +23°C: 3 days.
Maximum deformation after 7 days at +23°C + 14 days at +50°C: 43%.
Tear strength after 7 days at +23°C + 14 days at +50°C (N/mm): 97.
Tensile strength after 7 days at +23°C + 14 days at +50°C (N/mm²): 12.2.
Taber abrasion resistance (CS17 disk - 1,000 g - 1,000 revs) after 7 days at +23°C (mg): 95.
Shore A hardness: 85.
Storage: 12 months in its original packaging at +15°C to +25°C.
Theoretical consumption: 0.6-0.8 kg/m².
Packaging: 20 kg kits (A + B).



Mapefloor Finish 630

Two-component, protective acrylic filming agent in water dispersion for concrete, ULTRATOP and ULTRATOP LIVING floors.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 10 : 0.15.
Colour of mix: transparent, milky.
Consistency of mix: fluid.
Dry substances content (3 h - 105°C) (%): 23.
Density of mix (kg/m³): 1,028.
Viscosity of mix (mPa-s): 25 (# 1 - 100 rpm).
Workability time: 60 min.
Surface temperature: from +12°C to +30°C.
Varnishing: after 6-8 h at +23°C.
Dust dry at +23°C and 50% R.H.: 2 h.
Abrasion resistance (Taber abrasimeter) (CS17 disk - 500 revs - 1,000 g) after 7 days (mg): 65.
Set to light foot traffic at +23°C and 50% R.H.: 24 h.
Final hardening time: 4 days.
Storage: 12 months in its original sealed packaging. Protect from frost.
Application: short-haired roller such as mohair or a suitable airless spray system.
Consumption: 0.15-0.2 kg/m² according to the grade of porosity and absorption of the substrate.
Packaging: 2 kits (A+B) of 10 + 0.150 kg units.



Mapefloor I 300 SL

Two-component, multi-purpose, neutral-coloured epoxy formulate for industrial floor coatings up to 4 mm thick. May be coloured with MAPECOLOR PASTE. Complies with standards applied in the foodstuffs sector.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Colour of mix: neutral.
Consistency of mix: fluid.
Dust dry at +23°C and 50% R.H.: 2-4 hours.
Set to light foot traffic at +23°C and 50% R.H.: 24 hours.
Final hardening time: 7 days.
Taber Test after 7 days (EN ISO 5470-1) CS17 disk, 1000 cycles, 1000 g at +23°C - 50% R.H.: 70 mg.
Storage: 24 months in its original sealed packaging.
Application: by roller or flat or notched trowel.
Consumption:
- 2.0 kg/m² for 2 mm thick self-levelling coatings on substrates primed with PRIMER SN;
- 0.9 kg/m² for intermediate layers in 3 mm thick non-slip coatings on substrates primed with PRIMER SN;
- 0.6 kg/m² for finishing layers in 1 mm and 3 mm thick non-slip coatings on substrates primed with PRIMER SN.
Packaging: 20 kg kits (A+B).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapefloor I 300 SL TRP

Two-component, transparent, non-yellowing epoxy coatings applied at a thickness of 1 mm for finishing coats on epoxy resin systems.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 100 : 50.

Colour of mix: transparent.

Consistency of mix: fluid.

Pot life of mix: approx. 30 minutes.

Dust dry at +23°C and 50% R.H.: 6 hours.

Set to light foot traffic at +23°C and 50% R.H.: 24 hours.

Final hardening time: 7 days.

Compressive strength (ASTM D 695): 55 N/mm².

Flexural strength (ISO 178): 25 N/mm².

Surface hardness (shore D): 80.

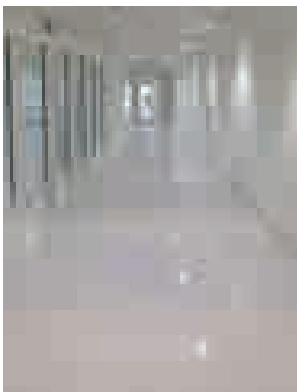
Taber Test CS17 disk, 1000 cycles, 1000 g (DIN 52108): 80 mg.

Storage: 12 months in its original sealed packaging.

Application: N° 7 notched trowel.

Consumption: approx. 1-1 kg/m² to form a 1 mm thick coat.

Packaging: 18 kg kits (A+B).



Mapefloor I 306 CR

Two-component, low emission epoxy formulate for coating self-levelling floors in clean rooms.

Available only upon request.



TECHNICAL DATA:

Consistency of mix: thick liquid.

Colour: RAL colours. Please contact head office for the complete range.

Application: smooth notched trowel (with "V" shaped notches).

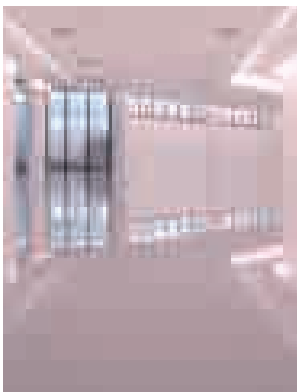
Consumption: smooth self-levelling coating - average thickness 2 mm 2.3 kg/m².

Concentration of airborne particles (ISO 14644-1): ISO Class 3.

VOC emissions (ISO 14644-8): ISO-ACC_m Class -6.7.

Storage: 24 months in its original packaging in a dry place at a temperature of +5°C and +35°C.

Packaging: 20 kg kits (A+B); (comp. A = 16 kg; comp. B = 4 kg).



Mapefloor I 309 CR

Two-component, low emission epoxy formulate for coating self-levelling floors in clean rooms.

Available only upon request.



TECHNICAL DATA:

Consistency of mix: thick liquid.

Colour: RAL colours. Please contact head office for the complete range.

Application: smooth notched trowel (with "V" shaped notches).

Consumption: smooth self-levelling coating - average thickness 2 mm 2.3 kg/m².

Concentration of airborne particles (ISO 14644-1): ISO Class 2.

VOC emissions (ISO 14644-8): ISO-ACC_m Class < -9.6.

Storage: 24 months in its original packaging in a dry place at a temperature of +5°C and +35°C.

Packaging: 19.5 kg kits (A+B); (comp. A = 16 kg; comp. B = 3.5 kg).



Mapefloor I 320 SL CONCEPT

Self-levelling epoxy coating with a coloured granular finish for abrasion-resistant floors.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 100 : 22.

Colour of mix: light grey, dark grey, light blue, dark blue and red.

Consistency of mix: fluid.

Compressive strength after 7 days at +23°C (DIN EN 196-1): 52 N/mm².

Flexural strength after 7 days at +23°C (DIN EN 196-1): 31 N/mm².

Surface hardness (shore D): 75.

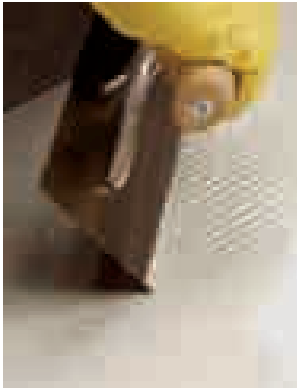
Taber Test (after 7 days, CS17 disk, 1000 cycles, 1000 g): 80 mg.

Storage: 12 months in its original sealed packaging.

Application: smooth trowel.

Consumption: 3 kg/m².

Packaging: 16.8 kg kits (A+B).



Mapefloor I 350 SL

Two-component, multi-purpose, neutral-coloured, epoxy treatment for industrial floors at a thickness up to 4 mm. MAPEFLOOR I 350 SL meets the requirements of UNI CEI 11170 - railway vehicles - Guidelines for fire protection of railway vehicles and vehicles with guiding rails.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 75 : 25.
Colour of mix: neutral.
Consistency of mix: thick fluid.
Dust dry at +23°C and 50% R.H.: 2-4 hours.
Set to light foot traffic at +23°C and 50% R.H.: 24 hours.
Final hardening time: 7 days.
Taber Test after 7 days (at +23°C and 50% R.H.) (1,000 cycles/1,000 revs, CS 17 disk) (mg): 70 mg.
Storage: 24 months in its original sealed packaging.
Application: roller, notched and flat trowel.
Packaging: 8 kg kits (A+B).
Consumption:
 - used to obtain a 2 mm-thick self-levelling coating on a substrate primed with PRIMER SN: 2.0 kg/m²;
 - used to obtain an intermediate layer in a 3 mm-thick, non-slip, multi-layered coating on a substrate primed with PRIMER SN: 0.9 kg/m²;
 - used to obtain a 1 mm thick or 3 mm-thick final coat in a non-slip, multi-layered coating on a substrate primed with PRIMER SN: 0.6 kg/m².
Application: roller or flat, notched trowel. May be coloured using MAPECOLOR PASTE.



Mapefloor I 360 AS

Two-component, self-levelling epoxy formulate for high strength, electrically conductive coatings.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 80 : 20 by weight.
Colour of mix: neutral.
Consistency of mix: fluid.
Density of mix (kg/m³): 1,420.
Viscosity of mix (Pa·s): 1.5-2.5 (# 3 - 20 rpm).
Workability time: approx. 40 min. at +10°C; approx 25 min. at +20°C; approx 15 min. at +30°C.
Set to foot traffic: approx. 30 h at +10°C; approx 24 h at +20°C; approx 16 h at +30°C.
Electrical resistance (EN 1081) (Ohm): 10⁴ < R_E < 10⁶. these values may vary according to surrounding conditions (temperature and humidity) and the equipment used to take the readings.
Compressive strength after 28 days at +23°C (EN 196-1) (N/mm²): approx. 80 (MAPEFLOOR I 360 AS (without fillers)).
Flexural strength after 28 days at +23°C (EN 196-1) (N/mm²): approx. 40 (MAPEFLOOR I 360 AS (without fillers)).
Abrasion resistance - Taber abrasion meter (CS17 disk - 1,000 revs. - 1,000 g) after 7 days at 23°C (DIN 53109) (mg): 70.
Shore D hardness after 3 days at +23°C (DIN 53505): 77.
Adhesion to concrete (ISO 4624) (N/mm²): ≥ 1.5 (failure of concrete).
Storage: 24 months in its original packaging in a dry place at a temperature of between +5°C and +30°C.
Consumption: max. 2.5 kg/m².
Packaging: 20 kg kits (A + B).



Mapefloor I 390 EDF

Two-component, self-levelling epoxy formulate for high strength, dissipative coatings.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 80 : 20 by weight.
Colour of mix: neutral.
Consistency of mix: fluid.
Density of mix (kg/m³): 1,420.
Viscosity of mix (Pa·s): 1.5-2.5 (# 3 - 20 rpm).
Workability time: approx. 40 min. at +10°C; approx 25 min. at +20°C; approx 15 min. at +30°C.
Set to foot traffic: approx. 30 h at +10°C; approx 24 h at +20°C; approx 16 h at +30°C.
Electrical resistance (EN 1081) (Ohm): 10⁴ < R_E < 10⁶. these values may vary according to surrounding conditions (temperature and humidity) and the equipment used to take the readings.
Compressive strength after 28 days at +23°C (EN 196-1) (N/mm²): approx. 80 (MAPEFLOOR I 390 EDF without fillers).
Flexural strength after 28 days at +23°C (EN 196-1) (N/mm²): approx. 40 (MAPEFLOOR I 390 EDF without fillers).
Abrasion resistance - Taber abrasion meter (CS17 disk - 1,000 revs. - 1,000 g) after 7 days at +23°C (DIN 53109) (mg): 70.
Shore D hardness after 3 days at +23°C (DIN 53505): 77.
Adhesion to concrete (ISO 4624) (N/mm²): ≥ 1.5 (failure of concrete).
Storage: 24 months in its original packaging in a dry place at a temperature of between +5°C and +30°C.
Consumption: max. 2.5 kg/m².
Packaging: 20 kg kit (A + B).



Mapefloor I 500 W

Two-component, vapour-permeable, neutral-coloured epoxy formulate in water dispersion for industrial floors. May be coloured with MAPECOLOR PASTE.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 1 : 12.
Colour of mix: neutral.
Consistency of mix: fluid.
Pot life of mix at +20°C: 20 minutes.
Dust dry at +23°C and 50% R.H.: 3-4 hours.
Set to light foot traffic at +23°C and 50% R.H.: 16 hours.
Final hardening time: 7 days.
Taber Test after 7 days (EN ISO 5470-1) CS17 disk, 1000 cycles, 1000 g at +23°C - 50% R.H.: 110 mg.
Storage: 12 months in its original sealed packaging.
Application: notched or smooth trowel or notched rake.
Consumption:
 - for 2 mm thick smooth self-levelling coatings on substrates primed with MAPECOAT I 600 W: 4 kg/m²;
 - for 5 mm thick, multi-layered non-slip systems:
 as first layer:
 MAPEFLOOR I 500 W 2-2.5 kg/m²;
 QUARTZ 0.5 5 kg/m²;
 as second layer:
 MAPEFLOOR I 500 W 2-2.5 kg/m²;
 QUARTZ 0.5 5 kg/m²;
 as finishing layer:
 MAPEFLOOR I 500 W 0.7 kg/m²
Packaging: 26 kg kits (A + B).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapefloor I 900

Two-component epoxy binder used for preparing trowelled mortar with a damp earth consistency for industrial floors.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 100 : 50.

Colour of mix: transparent amber.

Consistency of mix: viscous fluid.

Dust dry at +23°C and 50% R.H.: 2-4 hours.

Set to light foot traffic at +23°C and 50% R.H.: 12 hours.

Final hardening time: 7 days.

Storage: 12 months in its original sealed packaging.

Application:

- as bonding promoter: roller or smooth trowel;
- for mortar: rake and aluminium straight edge.

Consumption:

- as bonding promoter: 0.5-0.7 kg/m²;
- for mortar: recommended ratio for mortar: 1 kg of MAPEFLOOR I 900 (A+B) per 8-13 kg of QUARTZ 1.9, consumption depends on the thickness to be applied.

Packaging: 15 kg kits (A + B).



Mapefloor I 910

Two-component epoxy binder for trowelled mortar or bonding promoter for resin coatings.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 100 : 50.

Colour of mix: transparent straw-coloured.

Consistency of mix: thick fluid.

Dust dry at +23°C and 50% R.H.: 2-4 hours.

Set to light foot traffic at +23°C and 50% R.H.: 12 hours.

Final hardening time: 7 days.

Storage: 12 months in its original sealed packaging.

Application:

- for priming: roller or smooth trowel;
- for mortar: rake and aluminium straight edge.

Consumption:

- as bonding promoter: 0.5-0.7 kg/m²;
- for mortar: recommended ratio for mortar: 1 kg of MAPEFLOOR I 910 (A+B) per 8-13 kg of QUARTZ 1.9, consumption depends on the thickness to be applied.

Packaging: 15 kg kits (A + B).



Mapefloor I 914

Two-component epoxy primer for substrates and skim coats before applying waterproofing sheaths on bridges or layers of asphalt. Also suitable for injections, reparation and protection of concrete structure in compliance with requirements defined by EN 1504-5 standards.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.

Colour of mix: transparent yellow.

Consistency of mix: fluid.

Density of mix (kg/m³): 1080.

Viscosity of mix (mPa·s): 270 ± 30 (# 2 - rpm 50).

Pot life at +23°C: approximately 30 min.

Dust dry at +23°C and 50% R.H.: 3-4 hours.

Pull-out after 7 days on dry concrete (N/mm²):

> 2.5 (failure of concrete).

Pull-out after 7 days on damp concrete (N/mm²):

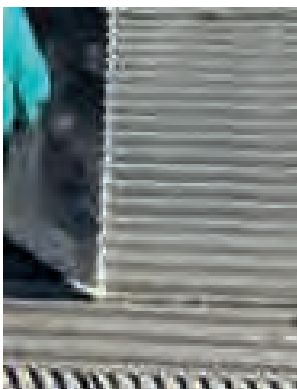
2.4 (failure of concrete).

Storage: 24 months in its original sealed packaging.

Application: rubber spatula, roller or brush.

Consumption: 250-700 g/m² (depending on the absorption of the substrate).

Packaging: 28 kg kit (A + B).



Mapefloor JA

Two-component thixotropic epoxy adhesive for installing MAPEJOINT 100/25 and MAPEJOINT 100/12 prefabricated polymer jointing profiles and for carrying out small repairs and grouting on concrete surfaces. Also available in Fast version.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.

Consistency of mix: thixotropic paste.

Density of mix (kg/l): 1.65.

Workability time (EN ISO 9514): 70' (at +23°C).

Setting time: 6 h (at +23°C).

Storage: 24 months in its original sealed packaging stored at a temperature between +5°C and +30°C.

Application: smooth or notched trowel.

Consumption:

- 1.60-1.65 kg/m² per mm of thickness.
- for bonding MAPEJOINT 100/25: 5-6 kg per metre of joint, depending on the irregularity of the substrate.
- for bonding MAPEJOINT 100/12: 2,5-3 kg per metre of joint, depending on the irregularity of the substrate.

Packaging: 6 kg kit (A+B).



Mapefloor Pore Filler

Two-component, flexible polyurethane resin-based adhesive and pore filler/smoothing compound for MAPEFLOOR COMFORT SYSTEM AL/X and MAPEFLOOR COMFORT SYSTEM AR/X.

Available only upon request.

TECHNICAL DATA:

Mixing ratio: component A : component B = 100 : 22.

Viscosity of mix at +23°C (mPa·s): 45,000 (#7 - 20 rpm).

Colour of mix: beige.

Consistency of mix: thixotropic paste.

Density of mix (kg/m³): approx. 1,280.

Workability time at +20°C: approx. 30 mins.

Hardening time at +23°C and 50% R.H.:

- dust dry: 2-4 hours;
- set to foot traffic: 24 h;
- full hardening time: 7 days.

Storage: store in a dry, covered place at a temperature of between +5°C and +30°C. The product may be stored at least 12 months in such conditions.

Application:

- bonding: 3-4 mm notched trowel;
- filling pores and smoothing: straight steel or plastic trowel.

Consumption: around 0.4÷0.8 kg/m² when used as adhesive - actual consumption is heavily influenced by the type of substrate - and 0.4÷0.5 kg/m² per layer when used to smooth over MAPE COMFORT FL.

Packaging: is supplied in 12.2 kg kits (A+B) (component A = 10 kg - component B = 2.2 kg).



Mapefloor PU 400 LV

Two-component, self-levelling, neutral-coloured, highly flexible polyurethane binder with fillers.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 40 : 60.

Colour of mix: beige - grey.

Consistency of mix: self-levelling paste.

Pot life at +23°C: 20 minutes.

Dusty dry: 6 hours.

Set to light foot traffic: 8 hours.

Final hardening time: 16 hours.

Elongation (DIN 53504): approx. 750%.

Shore A hardness after 7 days: 55.

Storage: 12 months in its original sealed packaging.

Application: notched trowel.

Consumption: from 1.5 to 2 kg/m² according to the condition of the substrate.

Packaging: 20 kg kits (A + B).



Mapefloor PU 410

Two-component, self-levelling, neutral-coloured, fillerized flexible polyurethane binder.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 16 : 3.9.

Colour of mix: neutral.

Consistency of mix: fluid.

Pot life at +20°C: 30 minutes.

Dusty dry: 2-4 hours.

Set to light foot traffic: 24 hours.

Final hardening time: 7 days.

Elongation (DIN 53504): approx. 112%.

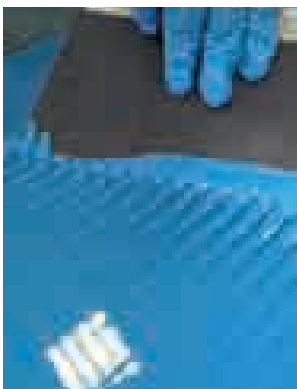
Shore A hardness after 7 days: 90.

Storage: 12 months in its original sealed packaging.

Application: smooth or notched trowel.

Consumption: as an intermediate layer in the MAPEFLOOR PARKING SYSTEM HE: MAPEFLOOR PU 410 + MAPECOLOR PASTE: 1.0 kg/m².

Packaging: 19.9 kg kits (A + B).



Mapefloor PU 460

Two-component, aromatic, coloured, elastic, polyurethane resin to form the coating systems MAPEFLOOR COMFORT SYSTEM AR and MAPEFLOOR COMFORT SYSTEM AR/X.

Available only upon request.

TECHNICAL DATA:

Mixing ratio: component A : component B = 75 : 25.

Viscosity of mix at +23°C (mPa·s): 1,400.

Colour of mix: colours please contact MAPEI Head Office.

Consistency of mix: self-levelling fluid paste.

Density of mix (kg/m³): approx. 1,250.

Workability time at +20°C: approx. 30 mins.

Hardening time at +23°C and 50% R.H.:

- dust dry: 4 hours;
- set to foot traffic: 24 hours;
- full hardening time: 7 days.

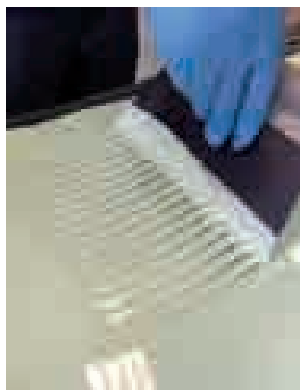
Storage: must be stored in its original packaging in a dry place at a temperature of between +5°C and +35°C. Max. 12 months.

Application: notched trowel.

Consumption: approx. 2.5 kg/m² for a 2 mm thick layer.

Packaging: available in 20 kg kits A+B (component A = 15 kg - component B = 5 kg).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapefloor PU 461

Two-component aliphatic, coloured, UV-resistant, elastic, polyurethane, self-levelling resin to form the coating systems MAPEFLOOR COMFORT SYSTEM AL and MAPEFLOOR COMFORT SYSTEM AL/X.

Available only upon request.

TECHNICAL DATA:

Mixing ratio: component A : component B = 75 : 25.
Viscosity of mix at +23°C (mPa-s): 3,500.
Colour of mix: colours please contact MAPEI Head Office.
Consistency of mix: self-levelling fluid paste.
Density of mix (kg/m³): approx. 1,300.
Workability time at +20°C: approx. 40 mins.
Hardening time at +23°C and 50% R.H.:
– dust dry: 4 hours;
– set to foot traffic: 24 hours;
– full hardening time: 7 days.
Storage: must be stored in its original packaging in a dry place at a temperature of between +5°C and +35°C. Max. 12 months.
Application: notched trowel.
Consumption: approx. 2.8 kg/m² for a 2 mm thick layer.
Packaging: available in 20 kg kits A+B (component A = 15 kg - component B = 5 kg).

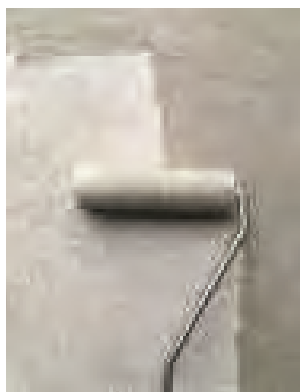


Primer EP Rustop

Two-component epoxy primer for metal surfaces.

TECHNICAL DATA:

Mixing ratio: comp. A : comp B = 100 : 30.
Colour of mix: white.
Consistency of mix: liquid.
Dry substances content (%): 70.
Density of mix (kg/m³): 1,100.
Viscosity of mix (mPa-s): 500 (# 3 - 50 rpm).
Workability time: 15-20 minutes at +20°C.
Surface temperature: at least +10°C.
Pot life: 6 h at +20°C.
Varnishing: after 6-8 h at +20°C.
Dusty dry: after 2 h at +20°C.
Final hardening time: 24 h.
Storage: 12 months in its original sealed packaging.
Application: by brush, roller or airless spray system.
Consumption: 0.2 kg/m².
Packaging: 5 kg kits (A + B).



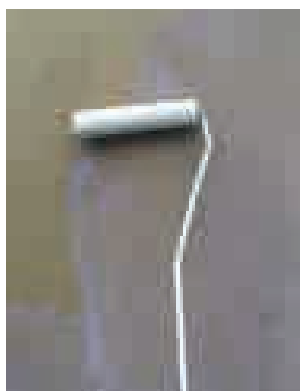
Primer Grip White

Multi-purpose, ready-to-use, synthetic resin-based bonding promoter in water dispersion with silica aggregates and very low emission of volatile organic compounds (VOC). For internal floors and walls. Bonding promoter for decorative cementitious skimming mortars from the ULTRATOP LOFT range.



TECHNICAL DATA:

Consistency: creamy liquid.
Colour: white.
Application: roller or brush.
Consumption: 0.2 and 0.3 kg/m², depending on the absorbency of the substrate.
Storage: 12 months in a dry area in its original, sealed packaging at a temperature of +5°C to +35°C.
Packaging: 10 kg drums.



Primer LT

Acrylic adhesion promoter for ULTRATOP LOFT and cementitious skimming mortars. For internal use.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: white.
Application: roller or brush.
Consumption: 0.1 kg/m² between consecutive coats of ULTRATOP LOFT 0.1 and 0.2 kg/m², for other substrates, depending on the porosity.
Storage: 12 months in a dry area in its original, sealed packaging at a temperature of +5°C to +30°C.
Packaging: 5 kg cans.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapetop S AR3

Pre-blended dry-shake hardener for concrete floors made of special aggregates based on corundum, Portland cement and special additives.



TECHNICAL DATA:

Colour of mix: grey; other colours available on request.
Density of mix (kg/m³): 2,400.
pH of mix: >12.5.
Application temperature: +5°C to +35°C.
Compressive strength (EN 13892/2) (N/mm²): 50 (after 3 days) - 70 (after 28 days).
Flexural strength (EN 13892/2) (N/mm²): 7 (after 3 days) - 9 (after 28 days).
Adhesion to concrete (substrate in MC 0.40 - water/cement ratio = 0.40) according to EN 1766 (N/mm²): ≥ 2 (after 28 days).
Böhme abrasion resistance EN 13892-3: Class 3.
Reaction to fire EN 13501: Euroclass A1_{FL}.
Storage: 12 months in its original sealed packaging.
Application: dry-shaking.
Consumption:
 - manual application: 2.5 to 5.5 kg/m² per coat;
 - mechanical application: 5 to 8 kg/m².
Packaging: 25 kg bags.



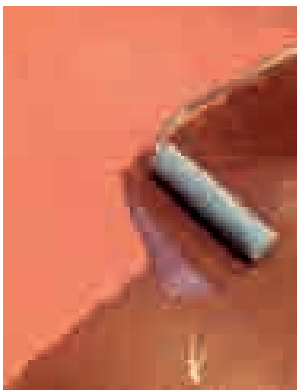
Ultratop

Self-levelling, ultra-quick hardening mortar with special hydraulic binders, applied at a thickness between 5 and 40 mm to create abrasion-resistant floors.



TECHNICAL DATA:

Colour: white, beige, light grey, red, anthracite and standard.
Mixing ratio: 20-22 parts of water per 100 parts in weight of ULTRATOP.
Applicable thickness: from 5 to 40 mm.
Self-levelling: yes.
Workability time: 15 minutes.
Setting time: 60 minutes.
Set to light foot traffic: 3-4 hours.
Compressive strength after 28 days at +23°C: ≥ 40 N/mm².
Flexural strength after 28 days at +23°C: ≥ 11 N/mm².
Böhme abrasion resistance after 28 days at +23°C: 9 cm³/50 cm².
EMICODE: EC1 Plus - very low emission.
Storage: 12 months in its original sealed packaging.
Application: by hand or mortar pump.
Consumption: 16.5-17.5 kg/m² per cm of thickness.
Packaging: 25 kg bags.



Ultratop Base Coat

One-component acrylic formulate in water dispersion used as a base coat before applying protective finishes on ULTRATOP, ULTRATOP LIVING and ULTRATOP LOFT.

TECHNICAL DATA:

Colour: milky white.
Consistency: liquid.
Storage: 12 months in a dry, covered area in its original packaging at a temperature of +12°C to +30°C. Protect from freezing weather.
Application: ready-mixed. Apply a single coat to form an even, thin film with a medium pile roller (such as mohair); go over the surface in criss-cross strokes without leaving excess product on the surface.
Consumption: 50-80 g/m² depending on the porosity of the substrate.
Packaging: 10 kg tanks.



Ultratop Easycolor

Colouring solution for cementitious-based ULTRATOP LOFT systems.

TECHNICAL DATA:

Consistency: liquid.
Colours: various.
Storage: 18 months in a dry area in its original packaging at a temperature of +5°C to +30°C.
Application: mix with ULTRATOP LOFT F or ULTRATOP LOFT W using an electric mixer at low speed to form a well-blended, lump-free coloured mix.
Consumption: 1 x 1.5 l drum every 5 kg of ULTRATOP LOFT.
Packaging: 1.5 l drums.



Ultratop Living

Self-levelling, ultra-quick setting mortar with special hydraulic binders, applied at a thickness between 5 and 15 mm to create abrasion-resistant internal floors



TECHNICAL DATA:

Colour: white, light grey, anthracite and natural.
Mixing ratio: 19-21 parts of water per 100 parts in weight of ULTRATOP LIVING.
Applicable thickness: from 5 to 15 mm.
Self-levelling: yes.
Workability time: 15 minutes.
Setting time: 60-80 minutes.
Set to light foot traffic: 3-4 hours.
Compressive strength after 28 days at +23°C: ≥ 32 N/mm².
Flexural strength after 28 days at +23°C: ≥ 9 N/mm².
Böhme abrasion resistance after 28 days at +23°C: 11 cm³/50 cm².
EMICODE: EC1 Plus - very low emission.
Storage: 12 months in its original sealed packaging.
Application: by hand or mortar pump.
Consumption: 16.5-17.5 kg/m² per cm of thickness.
Packaging: 25 kg bags.



Ultratop Loft F

One-component trowellable coarse-textured cementitious paste applied in layers up to 2 mm thick to create decorative floors with a trowelled or mottled effect.



TECHNICAL DATA:

Consistency: powder.
Colour: white or natural.
Bulk density: 1,100 kg/m³.
Mixing ratio: approx. 25-29 parts of water per 100 parts by weight of ULTRATOP LOFT F.
Workability time: 20 minutes.
Setting time: 80 minutes.
Set to foot traffic: 3 hours.
Compressive strength at +23°C after 28 days: 25 N/mm².
Flexural strength at +23°C after 28 days: 10 N/mm².
Abrasion resistance - Taber abrasion meter (H22 disk, 500 g, 200 revs) after 28 days: 500 mg.
Abrasion resistance class (Böhme test) after 28 days: A9.
Application: smooth steel, Teflon or rubber trowel.
Consumption: 0.7-1 kg/m².
Packaging: 20 kg bags. Kits containing 4x5 kg alupacks.



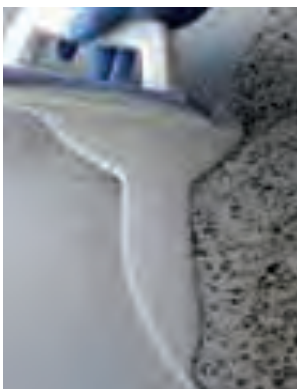
Ultratop Loft W

One-component trowellable fine-textured cementitious paste applied in layers up to 2 mm thick to create decorative floors with a trowelled or mottled effect.



TECHNICAL DATA:

Consistency: fine powder.
Colour: white or natural.
Bulk density: 900 kg/m³.
Mixing ratio: approx. 32-35 parts of water per 100 parts by weight of ULTRATOP LOFT W.
Workability time: 20 minutes.
Setting time: 80 minutes.
Set to foot traffic: 3 hours.
Compressive strength at +23°C after 28 days: 25 N/mm².
Flexural strength at +23°C after 28 days: 12 N/mm².
Abrasion resistance - Taber abrasion meter (H22 disk, 500 g, 200 revs) after 28 days: 500 mg.
Abrasion resistance class (Böhme test) after 28 days: A9.
Application: smooth steel, Teflon or rubber trowel.
Consumption: 0.7-1 kg/m².
Packaging: 20 kg bags. Kits containing 4x5 kg alupacks.



Ultratop Stucco

Grout made from special hydraulic binders for sealing micro-porosity which forms after the first polishing phase of ULTRATOP.

TECHNICAL DATA:

Consistency: fine powder.
Colour: white, beige, light grey, red, anthracite and standard.
Storage: 12 months in its original sealed packaging.
Bulk density: 850 kg/m³.
Mixing ratio: 30-40 parts of water per 100 parts by weight of ULTRATOP STUCCO.
Application: rubber trowel.
Consumption: according to the micro-porosity.
Packaging: 5 kg drums.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS

11.3 Complementary products for resin and cementitious floors



Additix PE

Admixture to make epoxy and polyurethane products thicker with a thixotropic consistency.

TECHNICAL DATA:

Appearance: powder.

Colour: white.

Density: 960 kg/m³.

Consumption: 1.5-5% by weight on the weight of the resin.

Packaging: 1 kg drums.



Copper Band

Self-adhesive copper strip to make conductive and dissipative surfaces.

TECHNICAL DATA:

Length: 16.5 metres.

Width: 10 millimetres.

Packaging: cardboard box containing 20 bags with 1 roll of 16.5 m x 10 mm COPPER BAND per bag.



Epoxy Speed

Solvent-free accelerator for epoxy primers.

TECHNICAL DATA:

Appearance: liquid.

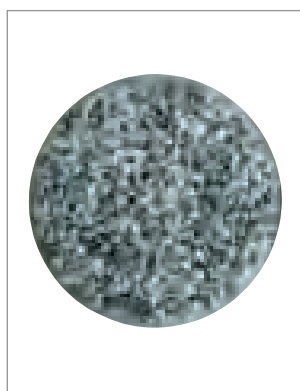
Colour: light yellow.

Density: 0.97 g/m³.

Viscosity at +23°C: 200 mPa·s.

Consumption: 2-3% of the total weight of the epoxy binder used (A+B).

Packaging: 5 kg drums.



Gravel - Bardiglio Grey (2-4 mm)

Dried bardiglio grey marble aggregate in a special granulometric curve from 2 to 4 mm to make decorative surfaces with good drainage properties. Use in combination with MAPEFLOOR BINDER 930 one-component, aliphatic, polyurethane binder.

TECHNICAL DATA:

Appearance: dried bardiglio grey marble aggregate in a special granulometric curve from 2 to 4 mm.

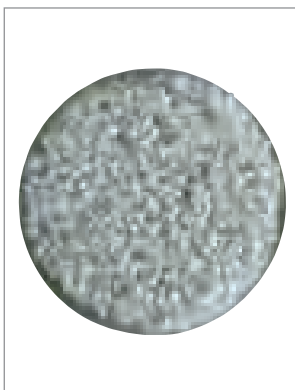
Colour: bardiglio grey.

Storage: 24 months in its original packaging in a dry place.

Application: mixed with MAPEFLOOR BINDER 930 one-component aliphatic polyurethane binder.

Consumption: 20 kg of 2-4 mm GRAVEL - BARDIGLIO GREY per 1 kg of MAPEFLOOR BINDER 930.

Packaging: 25 kg bag.



Gravel - Carrara White (2-4 mm)

Dried carrara white marble aggregate in a special granulometric curve from 2 to 4 mm to make decorative surfaces with good drainage properties. Use in combination with MAPEFLOOR BINDER 930 one-component, aliphatic, polyurethane binder.

TECHNICAL DATA:

Appearance: dried carrara white marble aggregate in a special granulometric curve from 2 to 4 mm.

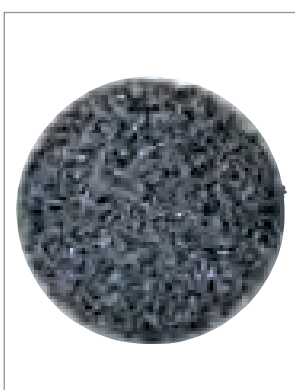
Colour: carrara white.

Storage: 24 months in its original packaging in a dry place.

Application: mixed with MAPEFLOOR BINDER 930 one-component aliphatic polyurethane binder.

Consumption: 20 kg of 2-4 mm GRAVEL - CARRARA WHITE per 1 kg of MAPEFLOOR BINDER 930.

Packaging: 25 kg bag.



Gravel - Ebony Black (2-4 mm)

Dried ebony black marble aggregate in a special granulometric curve from 2 to 4 mm to make decorative surfaces with good drainage properties. Use in combination with MAPEFLOOR BINDER 930 one-component, aliphatic, polyurethane binder.

TECHNICAL DATA:

Appearance: dried ebony black marble aggregate in a special granulometric curve from 2 to 4 mm.

Colour: ebony black.

Storage: 24 months in its original packaging in a dry place.

Application: mixed with MAPEFLOOR BINDER 930 one-component aliphatic polyurethane binder.

Consumption: 20 kg of 2-4 mm GRAVEL - EBONY BLACK per 1 kg of MAPEFLOOR BINDER 930.

Packaging: 25 kg bag.



Mapecomfort FL

Rubber matting made from granules of recycled rubber for creating MAPEFLOOR COMFORT SYSTEM AL/X and MAPEFLOOR COMFORT SYSTEM AR/X. Thickness 4 mm.

TECHNICAL DATA:

Density: 3.0 kg/m².

Dynamic stiffness: 66 MN/m².

Tensile strength: 470 kPa.

Density of the rubber: 750 kg/m³.

Elongation at failure: 41%.

Packaging: 1 m x 20 m rolls, 4 mm thickness.



Mapefibre Glass HP

Alkali-resistant glass fibres for reinforcing cementitious mortar and resin.

TECHNICAL DATA:

Diameter of fibre: 14 µm.

Length: 6 mm.

Consumption: max. 5 kg/m³.

Packaging: 18 kg polyethylene bags.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapefloor Cleaner ED

Detergent for normal degreasing operations of floors.

TECHNICAL DATA:

Appearance: opaque liquid.

Colour: green.

Solubility in water: soluble.

Storage: 24 months in its original sealed packaging.

Application: by hand or rendering machine.

Packaging: 10 kg tanks.



Mapefloor Filler

Calibrated fillers added to MAPEFLOOR FINISH 50 N, MAPEFLOOR FINISH 52 W, MAPEFLOOR FINISH 53 W/L, MAPEFLOOR FINISH 54 W/S, MAPEFLOOR FINISH 58 W and MAPECOAT I 620 W to form a non-slip finish.

TECHNICAL DATA:

Appearance: crystalline powder.

Colour: white.

Particle size distribution:

– 35% (100 µm residues);

– 85% (45 µm residues).

Consumption: 5-10 g/m².

Packaging: 0.3 kg plastic buckets.



Mapefloor Maintenance Kit

A series of products for cleaning and periodic maintenance of floors to guarantee their performance characteristics and attractive finish.

TECHNICAL DATA:

Storage: 12 months in their original, sealed packaging at a temperature of between +10°C and +30°C.

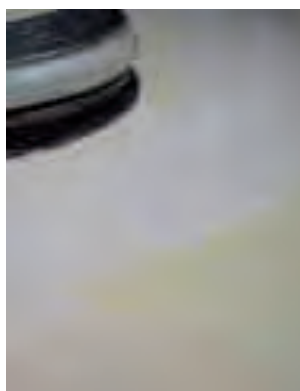
Protect from frost.

Packaging: MAPEFLOOR MAINTENANCE KIT is made up of the following products:

– MAPELUX LUCIDA: 1x5 kg;

– MAPEFLOOR WAX REMOVER: 1x5 kg;

– MAPEFLOOR CLEANER ED: 2x5 kg.



Mapefloor Wax Remover

De-waxing, multi-action detergent for removing all types of metallic wax including the double-reticulation type, such as MAPELUX LUCIDA or MAPELUX OPACA.

TECHNICAL DATA:

Appearance: liquid.

Colour: pink.

Solubility in water: soluble.

Solubility in oil: insoluble.

Storage: 12 months in its original sealed packaging.

Packaging: 10 kg.



Mapejoint 100/25

Pre-cast composite polymeric joint to be inserted in old, damaged and worn joints, including those with large amounts of movement or subject to intense traffic in industrial settings. Also available in 120 mm length Mapejoint 100/12

TECHNICAL DATA:

Dimensions: length: 1000 mm, width: 250 mm, thickness: 25 mm.
Colour: grey.
Maximum width of open joint: 30 mm.
Maximum permitted horizontal movement: 15 mm.
Compressive strength: 90 N/mm².
Flexural strength: 75 N/mm².
Packaging: 1000 mm long pieces measuring 250 mm wide by 25 mm thick.



Mapelux Lucida

Double-reticulation, high-strength shiny metallic wax.

TECHNICAL DATA:

Appearance: emulsion.
Colour: bluish-white.
Application temperature range: from +10°C to +30°C.
pH: 8.4 ± 0.2.
Storage: 12 months in their original, sealed packaging at a temperature of between +10°C and +30°C. Protect from frost.
Application: special wax spreader.
Consumption: 50 g/m².
Packaging: 10 kg tanks.



Mapelux Opaca

Double-reticulating, high-strength matt metallic wax.

TECHNICAL DATA:

Appearance: emulsion.
Colour: bluish-white.
Application temperature range: from +10°C to +30°C.
pH: 8.4 ± 0.2.
Storage: 12 months in their original, sealed packaging at a temperature of between +10°C and +30°C. Protect from frost.
Application: special wax spreader.
Consumption: 50 g/m².
Packaging: 10 kg drums.



PU Catalyst

Accelerator for polyurethane MAPEFLOOR PARKING SYSTEM products.

TECHNICAL DATA:

Area of use: add PU CATALYST at a rate of 0.5-1.5% of the total weight of polyurethane formulate (A+B) used.
Storage: 12 months in a dry place in its original packaging.
Consumption: 0.5-1.5% of the total weight of polyurethane formulate (A+B) used.
Packaging: 5 kg drums.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Quartz 0.25

Quartz sand used as a “filler” and/or for broadcasting on epoxy and polyurethane systems.

TECHNICAL DATA:

Colour: greyish white.

Maximum size of inerts: 0.25 mm.

Packaging: 25 kg bags.



Quartz 0.5

Quartz sand used as a “filler” and/or for broadcasting on epoxy and polyurethane systems.

TECHNICAL DATA:

Colour: greyish white.

Maximum size of inerts: 0.5 mm.

Packaging: 25 kg bags.



Quartz 0.9

Quartz sand used as a filler and/or for broadcasting epoxy and polyurethane systems.

TECHNICAL DATA:

Colour: greyish white.

Maximum size of aggregates: 0.9 mm.

Packaging: 25 kg bags.



Quartz 1.2

Quartz sand used as a “filler” and/or for broadcasting on epoxy and polyurethane systems.

TECHNICAL DATA:

Colour: greyish white.

Maximum size of inerts: 1.2 mm.

Packaging: 25 kg bags.



Quartz 1.9

Mixture of calibrated spherical quartz used as a filler in MAPEFLOOR I 900 or MAPEFLOOR I 910 for preparing mortar with a consistency similar to a mortar screed.

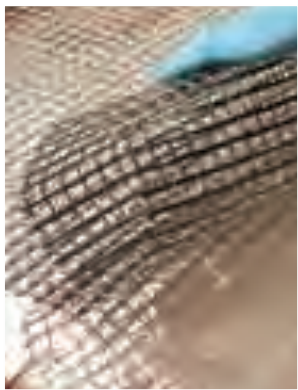
TECHNICAL DATA:

Colour: light grey.

Maximum size of inerts: 1.9 mm.

Consumption: recommended ratio for mortar: 8-13 kg of QUARTZ 1.9 per kg of MAPEFLOOR I 900 (A+B).

Packaging: 25 kg bags.



Rete 320

Glass fibre mesh for reinforcing epoxy systems.

TECHNICAL DATA:

Weight: 350 g/m².

Mesh size: 15.7 x 10.1 mm.

Packaging: 50 x 1 m.



PRODUCTS FOR REPAIRING ASPHALT AND HIGHWAY MAINTENANCE

12. PRODUCTS FOR REPAIRING ASPHALT AND HIGHWAY MAINTENANCE



Maape-Asphalt Repair 0/8

One-component, ready-to-use reactive asphalt, applied cold, for repairing holes in roads.

TECHNICAL DATA:

Maximum size of aggregate: 8 mm.

Minimum applicable thickness: 20 mm.

Maximum applicable thickness: 70 mm.

Step-on time: immediate.

Application temperature range: from 0°C to +35°C.

Storage: 9 months.

Application: trowel, spatula, rake or shovel.

Consumption: approximately 23 kg/m² per centimetre of thickness.

Packaging: 25 kg drums.



Mapefloor EP 90

Three-component high performance epoxy screed consistency mortar for repairing concrete flooring and forming support layers for beams and joints.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B : comp. C =

1.95 : 0.8 : 24 by weight.

Consistency of mix: screed consistency.

Pot life of mix: approx. 50 minutes (at +23°C).

Minimum applicable thickness: 5 mm.

Maximum applicable thickness: 5 cm per layer.

Classification:

– EN 1504-3 - class R4 structural mortar;

– EN 13813 - synthetic resin screed materials.

Storage: 24 months.

Application: trowel.

Consumption: approx. 20 kg/m² per cm of thickness.

Packaging:

26.75 kg kit:

– 1.95 kg canister (comp. A);

– 0.80 kg canister (comp. B);

– 24 kg vacuum-packed polyethylene sack (comp. C).



MapegROUT Betontech HPC

Free-flowing, shrinkage compensated cementitious grout with added polymer fibre reinforcement with a work-hardening effect for restoring concrete requiring a high level of ductility.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.

Mixing ratio: 100 parts of MAPEGROUT BETONTECH

HPC with 11.5-12.5 parts of water and 0.25% of

MAPECURE SRA.

Pot life of mix: approx. 1 hour (at +20°C).

Minimum applicable thickness: 3 cm.

Maximum applicable thickness: 10 cm.

Classification: EN 1504-3 - class R4 structural mortar.

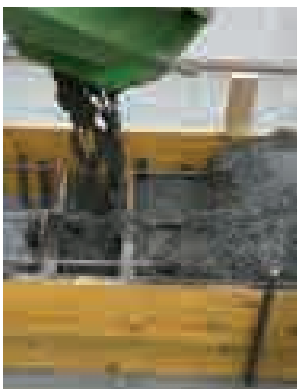
Storage: 12 months.

Application: pouring into formwork.

Consumption: approx. 20.5 kg/m² per cm of

thickness.

Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



MapegROUT Betontech HPC10

Rheoplastic cementitious mortar with added structural fibre reinforcement with a work-hardening effect for restoring concrete requiring a high level of ductility.



TECHNICAL DATA:

Maximum size of aggregate: 10 mm.

Mixing ratio: 100 parts of MAPEGROUT BETONTECH

HPC10 with 9.5-10.0 parts of water.

Pot life of mix: approx. 1 hour (at +20°C).

Minimum applicable thickness: 5 cm.

Maximum applicable thickness: 30 cm.

Classification: EN 1504-3 - class R4 structural mortar.

Storage: 12 months.

Application: pouring into formwork.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapegrout Hi-Flow TI 20

Hi-flow, compensated-shrinkage, steel fibre-reinforced, high-ductility cementitious mortar.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT HI-FLOW TI 20 with 14-16 parts of water and 0.25% of MAPECURE SRA.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout SV

Quick-setting and hardening, compensated-shrinkage hi-flow mortar for repairing concrete and fixing drains, manholes and urban architectural fittings in place.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV with 12-13 parts of water.
Pot life of mix: 15 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Colour: grey and black.
Application: pouring into formwork.
Consumption: 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout SV Fiber

Hi-flow, steel fibre-reinforced compensated-shrinkage, quick-setting and hardening, high-ductility cementitious mortar applied at temperatures down to -5°C, with stiff steel fibres for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV FIBER with 13.5-14.5 parts of water.
Pot life of mix: approximately 20 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



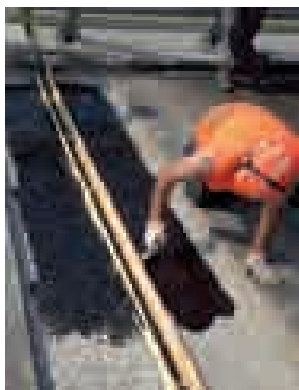
Mapegrout SV T

Quick-setting and hardening, compensated-shrinkage thixotropic mortar for repairing concrete and fixing drains, manholes and urban fittings in place.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV T with 12.5-13.5 parts of water.
Pot life of mix: 10 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Colour: black.
Application: gauging trowel or trowel.
Consumption: 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Primer RM

Two-component fillerized epoxy primer for treating the surface of concrete before applying epoxy mortar.

TECHNICAL DATA:

Mixing ratio: comp A : comp. B = 60 : 40.

Consistency of mix: fluid.

Pot life of mix: approx. 30 mins. (at +23°C).

Storage: 12 months.

Application: spreader, brush or roller.

Consumption: approx. 450 g/m² depending on the absorbency of the substrate.

Packaging: 2 kg kit:

– 1.2 kg tub (comp. A);

– 0.8 kg canister (comp. B).





**PRODUCTS FOR THE RESTORATION
OF MASONRY BUILDINGS**

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS

13.1 Consolidating various types of weak and crumbly substrates (porous stone, brickwork, tuff, installation mortar, render, etc.) by impregnating



Consolidante 8020

Reversible consolidating product in solvent for the conservative restoration and consolidation of porous stone substrates, lime render and layers of paint.

TECHNICAL DATA:

Consistency: colourless liquid.

Active ingredient: vinyl-versatile copolymers.

Density: 0.81 g/cm³.

Dry solids content: 3%.

Storage: 12 months.

Application: brush, roller or spray (low pressure manual spray gun).

Consumption: 0.1-1.0 kg/m² (according to the type of substrate, porosity and depth to be consolidated).

Packaging: 10 kg metallic drums.



Consolidante ETS

Tetraethyl orthosilicate-based consolidator in solvent for the conservative renovation and consolidation of porous stone, bricks, terracotta and render.

TECHNICAL DATA:

Consistency: colourless liquid.

Active ingredient: tetraethyl orthosilicate.

Density: 0.94-1.010 g/cm³.

Storage: 12 months.

Application: brush, roller or spray pack or injection with hand or electronic pump.

Consumption: 0.1-1.0 kg/m² (depending on type of substrate and depth to be consolidated).

Packaging: 10 kg metal drums.



Consolidante ETS WR

Water-repellent, tetraethyl orthosilicate-based consolidator in solvent for the conservative renovation and consolidation of porous stone, bricks, terracotta and render.

TECHNICAL DATA:

Consistency: colourless liquid.

Active ingredient: tetraethyl orthosilicate.

Density: 0.94-1.010 g/cm³.

Storage: 12 months.

Application: brush, roller or spray pack or injection with hand or electronic pump.

Consumption: 0.1-1.0 kg/m² (depending on type of substrate and depth to be consolidated).

Packaging: 10 kg metal drums.



Primer 3296

Consolidating and anti-dust acrylic primer in water dispersion.

TECHNICAL DATA:

Dry solids content: 15%.

Storage: 12 months.

Application: brush, roller or watering can.

Consumption: 0.1-0.5 kg/m² (according to the absorption and porosity of the surface to be treated).

Packaging: 5 and 10 kg tanks.

13.2 Reconditioning and consolidating masonry with free-flowing mortar



Mape-Antique Colabile

Salt-resistant, hi-flow natural hydraulic lime and **ECO-POZZOLAN**-based masonry mortar for reconditioning and consolidating masonry.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE COLABILE with 12 parts water (3 litres of water per 25 kg bag of product) and 0.25% of MAPECURE SRA (one 0.25 kg canister every 4 bags of MAPE-ANTIQUE COLABILE).
Porosity of fresh mortar: 7%.
Workability time of fresh mortar: approx. 60 mins.
Classification: EN 998-2 - type G mortar, category M 15.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: by pouring or pumping.
Consumption: 1.83 kg/dm³ (of cavities to be filled).
Packaging: 25 kg bags.

13.3 Consolidating masonry and render by injecting slurry



Mape-Antique F21

Super-fluid, salt-resistant, hydraulic binder with fillers made from lime and **ECO-POZZOLAN** applied by injection for consolidating masonry and render, including the frescoed ones.

TECHNICAL DATA:

Maximum diameter of aggregate: 100 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE F21 with approx. 60 parts of water (10.2 l of water for each 17 kg bag of product).
Fluidity of the mixture: < 30 sec.
Workability time of fresh mortar: approx. 40 minutes.
Sulphate resistance: high.
Saline efflorescence: absent.
Storage: 12 months.
Application: injection or by pouring.
Consumption: 1.04 kg/dm³ (of cavities to be filled).
Packaging: 17 kg bags.



Mape-Antique I

Super-fluid, salt-resistant, lime and **ECO-POZZOLAN**-based, hydraulic binder with fillers applied by injection for consolidating masonry.

TECHNICAL DATA:

Maximum diameter of aggregate: 100 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE I with 35 parts of water (7 l of water for each 20 kg bag of product).
Fluidity of the mixture: < 30 sec.
Workability time of fresh mortar: 60 minutes.
Sulphate resistance: high.
Saline efflorescence: absent.
Storage: 12 months.
Application: injection or by pouring.
Consumption: approx. 1.40 kg/dm³ (of cavities to be filled).
Packaging: 20 kg bags.



Mape-Antique I-15

Salt-resistant, fillerized, lime and **ECO-POZZOLAN**-based hydraulic binder for making super-fluid injection slurry for consolidating masonry.

TECHNICAL DATA:

Maximum size of aggregate: 100 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE I-15 with 30 parts water (6 litres of water per 25 kg bag of product).
Fluidity of mix: < 30 sec.
Workability time of fresh mortar: approx. 60 mins.
Compressive strength after 28 days: 15 N/mm².
Resistance to sulphates: high.
Saline efflorescence: absent.
Application: injection or pouring.
Consumption: approx. 1.50 kg/dm³ (of cavities to be filled).
Packaging: 20 kg bags.

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS



MapeWall Inject & Consolidate

Reactive natural hydraulic lime-based inorganic binder with very low emission of VOC used to make super-fluid injection slurry for consolidating masonry.



TECHNICAL DATA:

Maximum size of aggregate: 100 µm.

Mixing ratio: 100 parts of MAPEWALL INJECT & CONSOLIDATE with 29-30 parts of water (5.8-6.0 litres of water per 20 kg bag of product).

Fluidity of mix: < 40 sec.

Workability time of fresh mortar: approx. 60 mins.

Classification: EN 998-2 - type G mortar, class M15.

EMICODE: EC1 Plus - very low emission.

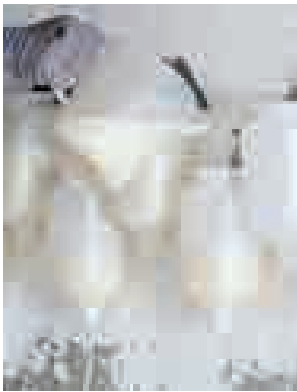
Storage: 12 months.

Application: injection or pouring.

Consumption: approx. 1.50 kg/dm³ (of cavities to be filled).

Packaging: 20 kg bags.

13.4 Horizontal chemical barriers against capillary rising damp



Mapestop

Agent applied by injection made from micro-emulsion, concentrated silane and siloxane used to form a chemical barrier against capillary rising damp in masonry.

TECHNICAL DATA:

Dimension of particles: 20-60 µm.

Mixing ratio in water: 1 : 15-19.

Silane/siloxane content: 100%.

Duration of solution: 24 hours.

Storage: 12 months.

Application: by gravity or suitable injection pump.

Consumption: according to the absorption of the masonry. Approximately 8-9 kg/m of solution for a 40 cm thick wall, corresponding to 0.4-0.6 kg of neat MAPESTOP.

Packaging: 1 and 10 kg metal can with spout.



Mapestop Cream

Monomeric silane-based creamy emulsion for creating chemical barriers against capillary rising damp.

TECHNICAL DATA:

Consistency: creamy paste.

Colour: white.

Density: 0.98 g/cm³.

Storage: 12 months.

Application: sealant gun for 280 ml cartridge and 600 ml sausage gun such as MAPEI GUN 600 PRO.

Consumption: according to type and thickness of masonry. Approx. 10 ml per metre per cm of thickness of masonry for 12 mm diam. holes.

Packaging: box of 12 x 280 ml cartridges. Box of 10 x 600 ml sausages with one injection tool included.



Mapestop Cream Tool 280

MAPESTOP CREAM injection tube to be used with manual extrusion guns for 280 ml cartridges.

TECHNICAL DATA:

Packaging: 12 pcs box.

To be used with Mapei products: MAPESTOP CREAM (280 ml cartridges).



Mapestop Cream Tool 600

MAPESTOP CREAM injection tube to be used with manual extrusion guns for 600 ml sausages.

TECHNICAL DATA:

Packaging: 4 pcs bag.

To be used with Mapei products: MAPESTOP CREAM (600 ml sausages) and MAPEI GUN 600 PRO.



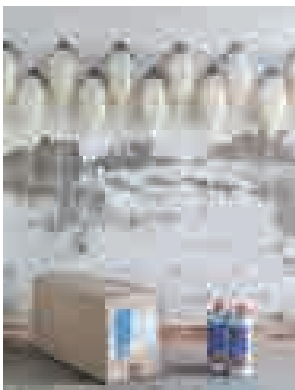
Mapestop Injectors

Spare parts kit for MAPESTOP KIT DIFFUSION.

TECHNICAL DATA:

Packaging: cardboard box containing 8 of each of the following items:

- Ø 12 mm injectors;
- 50 cm long diffusing tube (outside diameter 12 mm);
- sealing plug.



Mapestop Kit Diffusion

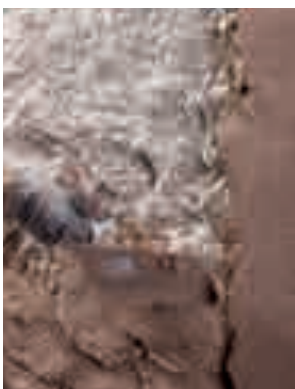
Complete kit to create a slow-diffusion chemical barrier against capillary rising damp.

TECHNICAL DATA:

Packaging: cardboard box containing 8 of each of the following items:

- 1.5 litre diffuser in PE HD;
- galvanized support bracket;
- 100 cm long PVC tube (outside diameter 7 mm);
- Ø 12 mm injector;
- 50 cm long diffusing tube (outside diameter 11 mm);
- sealing plug.

13.5 De-humidifying masonry with binders and mortars for render



Mape-Antique CC

Macro-porous, salt-resistant dehumidifying render made from lime and **ECO-POZZOLAN** cement-free, for repairing old masonry, including on buildings of historical interest.



TECHNICAL DATA:

Maximum diameter of aggregate: 2.5 mm.

Mixing ratio: 100 parts of MAPE-ANTIQUE CC with 14-16 parts of water (3.5-4 l of water for each 25 kg bag of product).

Porosity of the mix while still fresh: > 20%.

Coefficient of permeability to water vapour: ≤ 10 µ.

Workability time of fresh mortar approx. 1 hour.

Minimum applicable thickness: 20 mm.

Maximum applicable thickness per layer: 30 mm.

Classification: EN 998-1 - type R mortar, category CS II.

EMICODE: EC1 Plus - very low emission.

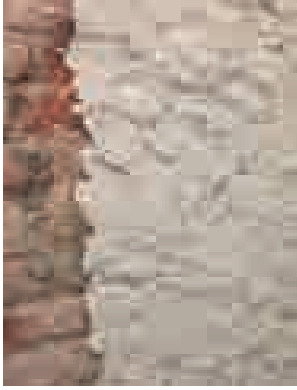
Storage: 12 months.

Colour: light pink.

Application: gauging trowel.

Consumption: 15 kg/m² (per cm of thickness).

Packaging: 25 kg bags.



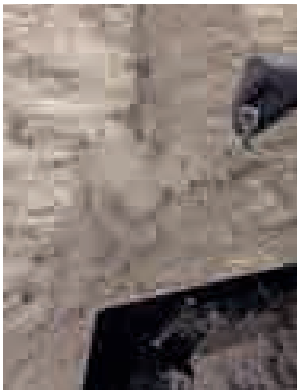
Mape-Antique Eco Rinzafto

Salt-resistant, breathable, natural hydraulic lime and **ECO-POZZOLAN** cement-free, scratch-coat mortar used as a base layer before applying de-humidifying, breathable and structural render.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE ECO RINZAFTO with 21-23 parts of water (4.20-4.65 litres of water per 20 kg bag of product).
Porosity of wet mortar: > 5%.
Water vapour permeability coefficient: ≤ 30 μ.
Workability time of fresh mortar: approx. 60 minutes.
Thickness applied: 5 mm.
Classification: EN 998-1 - type GP mortar, category CS IV.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: by trowel or with a continuous-feed rendering machine.
Consumption: 8 kg/m² (5 mm thick layer).
Packaging: 20 kg bags.



Mape-Antique Eco Risana

Macro-porous, natural hydraulic lime and **ECO-POZZOLAN** cement-free, dehumidifying rendering mortar for renovating old masonry, including buildings of historical interest with rising damp.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE ECO RISANA with 21-23 parts of water (5.25-5.75 litres of water per 25 kg bag of product).
Porosity of wet mortar: > 20%.
Water vapour permeability coefficient: ≤ 10 μ.
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - type R mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: by trowel or with a continuous-feed rendering machine.
Consumption: 14 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



Mape-Antique LC

Salt-resistant, lime and **ECO-POZZOLAN** cement-free, hydraulic binder mixed with aggregates in various grain sizes to make de-humidifying render and masonry mortar.

TECHNICAL DATA:

Mixing ratio:
 – 0.5-2.5 mm sand: 500 kg/m³ of MAPE-ANTIQUE LC with 1,000 kg/m³ of sand and 225 l/m³ of water;
 – 0.5-5 mm sand: 450 kg/m³ of MAPE-ANTIQUE LC with 1,150 kg/m³ of gravel and 210 l/m³ of water;
 – 0-8 mm sand: 400 kg/m³ of MAPE-ANTIQUE LC with 1,300 kg/m³ of gravel and 200 l/m³ of water;
Storage: 12 months.
Application: gauging trowel or by pouring.
Consumption: approximate (per cm of thickness):
 – 5.0 kg/m² with fine sand (0.5-2.5 mm);
 – 4.5 kg/m² with coarse sand (0.5-5 mm);
 – 4.0 kg/m² with gravel (0-8 mm).
Packaging: 20 kg bags.



Mape-Antique MC

Macro-porous, salt-resistant dehumidifying render made from lime and **ECO-POZZOLAN** cement-free, for repairing old masonry, including on buildings of historical interest.



TECHNICAL DATA:

Maximum diameter of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE MC with 14-16 parts of water (3.5-4 l of water for each 25 kg bag of product).
Porosity of the mix while still fresh: > 20%.
Coefficient of permeability to water vapour: ≤ 10 μ.
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - type R mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Colour: white.
Application: gauging trowel.
Consumption: 15 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



Mape-Antique MC Macchina

Macro-porous, salt-resistant dehumidifying, lime and **ECO-POZZOLAN** cement-free, based render for repairing existing masonry, including on buildings of historical interest.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE MC MACCHINA with 19-21 parts of water (4.75-5.25 litres of water per 25 kg bag of product).
Porosity of the mortar while still fresh: >20%.
Coefficient of permeability to water vapour: $\leq 10 \mu$.
Workability time of fresh mortar: approx. 60 min.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - type R mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Colours: white.
Application: continuous-mixing rendering machine.
Consumption: 16 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



Mape-Antique Rinzafo

Salt-resistant, breathable, lime and **ECO-POZZOLAN** cement-free, scratch-coat mortar applied as a base layer for de-humidifying, breathable and "structural" render.



TECHNICAL DATA:

Maximum diameter of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE RINZAFFO with 25-27.5 parts of water (5-5.5 l of water for each 20 kg bag of product).
Porosity of the mix while still fresh: 6%.
Coefficient of permeability to water vapour: $\leq 30 \mu$.
Workability time of fresh mortar: approx. 1 hour.
Maximum applicable thickness: 5 mm.
Classification: EN 998-1 - type GP mortar, category CS IV.
Storage: 12 months.
Application: continuous-mixing rendering machine or gauging trowel.
Consumption: 7.5 kg/m² (for a 5 mm thick layer).
Packaging: 20 kg bags.



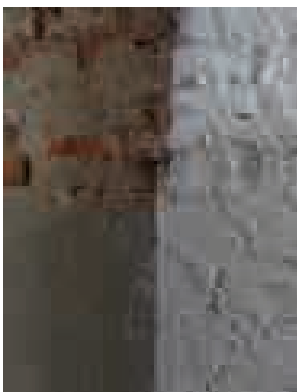
PoroMap Deumidificante

Salt-resistant dehumidifying render for renovating masonry with rising damp.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of POROMAP DEUMIDIFICANTE with 22-24 parts of water (4.4-4.8 litres of water per 20 kg bag of product).
Porosity of wet mortar: >20%.
Water vapour permeability coefficient: $< 10 \mu$.
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - type R mortar, class CSII.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: by trowel or with a continuous-feed rendering machine.
Consumption: 11-12 kg/m² (per cm of thickness).
Packaging: 20 kg bags.



PoroMap Rinzafo Plus

Salt-resistant, breathable, scratch-coat mortar, based on hydraulic pozzolanic reaction binder, to be used as first layer to improve the bond of the render and even out the absorption of the substrate.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of POROMAP RINZAFFO PLUS with 19- 21 parts of water (4.75-5.25 l of water for each 25 kg bag).
Coefficient of permeability to water vapour: $< 20 \mu$.
Workability time of wet mortar: approx. 60 minutes.
Thickness to be applied: 5 mm.
Classification: EN 998-1 - GP type mortar CS IV class.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel or continuous feed rendering machine.
Consumption: 7.5-8 kg/m² (per 5 mm of thickness).
Packaging: 25 kg bag.

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS

13.6 Lime based breathable renders



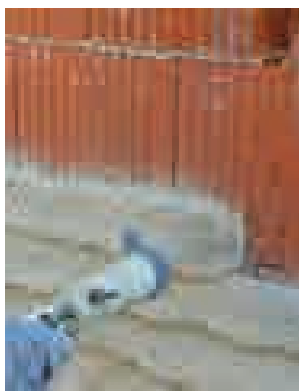
Mape-Antique Intonaco NHL

Breathable base render made from natural hydraulic lime and **ECO-POZZOLAN**, cement-free, for application on existing masonry work, including those of historical interest, and on new constructions.



TECHNICAL DATA:

Maximum diameter of aggregate: 1.4 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE INTONACO NHL with 19-21 parts of water (4.75-5.25 l of water for each 25 kg bag of product).
Porosity of the mortar while still fresh: 20%.
Coefficient of permeability to water vapour: $\leq 12 \mu$.
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - type GP mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: continuous-mixing rendering machine or gauging trowel.
Consumption: approx. 14.5 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



MapeWall Intonaco Base

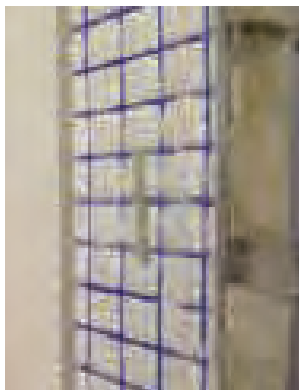
Breathable natural hydraulic lime-based base render for external and internal use; to be applied by trowel or with a rendering machine.



TECHNICAL DATA:

Maximum size of aggregate (EN 1015-1): 1.4 mm.
Mixing ratio: 100 parts of MAPEWALL INTONACO BASE with 19-21 parts of water (4.8-5.2 litres of water per 25 kg bag of product).
Coefficient of permeability to water vapour: $\leq 12 \mu$.
Workability time of wet mortar (EN 1015-9): approx. 60 min.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 20 mm.
Classification: EN 998-1 - type GP mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: with a continuous-mixing rendering machine or by trowel.
Consumption: 15 kg/dm² (per cm of thickness).
Packaging: 25 kg bags.

13.7 Structural even "reinforced" renders



Mape-Antique Strutturale NHL

High-performance breathable mortar for render and masonry work made from natural hydraulic lime and **ECO-POZZOLAN**, cement-free, particularly suitable for making "reinforced" and installation mortar.



TECHNICAL DATA:

Maximum diameter of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE STRUTTURALE NHL with 16-17 parts of water (4-4.25 l of water for each 25 kg bag of product).
Porosity of the mortar while still fresh: 7%.
Coefficient of permeability to water vapour: 60 μ .
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 40 mm.
Classification:
 - EN 998-1 - type GP mortar, category CS IV;
 - EN 998-2 - type G mortar, class M 15.
Storage: 12 months.
Application: continuous-mixing rendering machine or gauging trowel.
Consumption: approx. 17 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



MapeWall Render & Strengthen

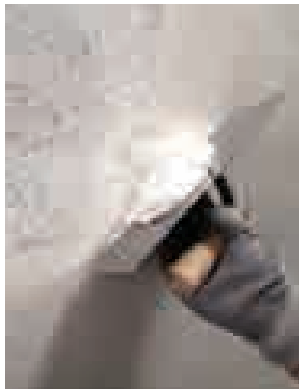
High strength natural hydraulic lime-based breathable rendering and masonry mortar with very low emission of VOC for making structural render, "reinforced" structural render and installation mortar.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm
Mixing ratio: 100 parts of MAPEWALL RENDER & STRENGTHEN with 16-18 parts of water (4.0-5.0 litres of water per 25 kg bag of product).
Porosity of fresh mortar: 16%.
Water vapour permeability coefficient: 20 μ .
Workability time of fresh mortar: approx. 60 mins.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 30 mm.
Classification:
 - EN 998-1 - type GP mortar, category CS IV;
 - EN 998-2 - type G mortar, class M15.
Storage: 12 months.
Colour: hazel, beige and grey.
Application: by trowel or with a continuous-mixing rendering machine.
Consumption: approx. 16 kg/m² (per cm of thickness).
Packaging: 25 kg bags.

13.8 Skimming of de-humidifying breathable and structural mortars



Mape-Antique Eco Rasante Civile

Fine-textured, breathable, natural hydraulic lime cement-free, skimming mortar for a natural finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 400 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE ECO RASANTE CIVILE with 22-24 parts of water (5.5-6 litres of water per 25 kg bag of product).
Workability time of fresh mortar: approx. 60 mins.
Maximum applicable thickness per layer: 2 mm.
Classification: EN 998-1 - type GP mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: flat metal trowel.
Consumption: 1.40 kg/m² (per mm of thickness).
Packaging: 25 kg bags.



Mape-Antique Eco Rasante Grosso

Coarse-textured, breathable, natural hydraulic lime cement-free, skimming mortar for a coarse-textured finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 700 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE ECO RASANTE GROSSO with 22-24 parts of water (5.5-6 litres of water per 25 kg bag of product).
Workability time of fresh mortar: approx. 60 mins.
Maximum applicable thickness per layer: 3 mm.
Classification: EN 998-1 - type GP mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: flat metal trowel.
Consumption: 1.40 kg/m² (per mm of thickness).
Packaging: 25 kg bags.



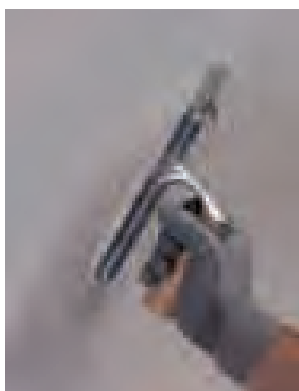
Mape-Antique FC Civile

Salt-resistant, fine-grained lime and **ECO-POZZOLAN** cement-free, breathable skimming mortar for a natural finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 400 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE FC with 24-26 parts of water (6-6.5 l of water for each 25 kg bag of product).
Workability time of fresh mortar: approx. 60 min.
Maximum applicable thickness per layer: 2 mm.
Classification: EN 998-1 - GP type mortar, category CS IV.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Colour: white or light pink.
Application: flat metal trowel.
Consumption: approx. 1.4 kg/m² (per mm of thickness).
Packaging: 25 kg bags.



Mape-Antique FC Grosso

Salt-resistant, large-grained lime and **ECO-POZZOLAN** cement-free, breathable skimming mortar for a rough finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 700 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE FC GROSSO with 18-20 parts of water (4.5-5 l of water for each 25 kg bag of product).
Workability time of fresh mortar: approx. 60 min.
Maximum applicable thickness per layer: 3 mm.
Classification: EN 998-1 - GP type mortar, category CS IV.
EMICODE: EC1 - very low emission.
Storage: 12 months.
Application: flat metal trowel.
Consumption: approx. 1.4 kg/m² (per mm of thickness).
Packaging: 25 kg bags.

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS



Mape-Antique FC Ultrafine

Salt-resistant, ultra fine-grained lime and **ECO-POZZOLAN** cement-free, breathable skimming mortar for a smooth finish on render.



TECHNICAL DATA:

Maximum size of aggregate: < 100 µm.
Mixing ratio: 100 parts of MAPE-ANTIQUE FC ULTRAFINE with 30-32 parts of water (6-6.4 l of water for each 20 kg bag of product).
Workability time of fresh mortar: approx. 60 min.
Maximum applicable thickness per layer: 1 mm.
Classification: EN 998-1 - GP type mortar, category CS II.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: flat metal trowel.
Consumption: approx. 1.3 kg/m² (per mm of thickness).
Packaging: 20 kg bags.



PoroMap Finitura

Cement-free, light-coloured fine mortar for finishing de-humidifying renders applied on stone, brick and tuff masonry.



TECHNICAL DATA:

Maximum diameter of aggregate: 300 µm.
Mixing ratio: 100 parts of POROMAP FINITURA with 24-26 parts of water.
Workability time of mortar: approx. 60 min.
Maximum applicable thickness per layer: 2 mm.
Classification: EN 998-1 - type GP mortar, category CS IV.
Storage: 12 months.
Application: smooth metal trowel.
Consumption: 1.4 kg/m² (per mm of thickness).
Packaging: 25 kg bags.

13.9 Brick, stone, tuff and mixed masonries



Mape-Antique Allettamento

Salt-resistant masonry mortar, made from natural hydraulic lime and **ECO-POZZOLAN**, cement-free, for installation layers and pointing on "natural finish" masonry.



TECHNICAL DATA:

Maximum size of aggregate: 1.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE ALLETTAMENTO with 18-20 parts of water (4.5-5 l of water for each 25 kg bag of product).
Porosity of the mortar while still fresh: 6%.
Coefficient of permeability to water vapour: µ 15/35.
Workability time of fresh mortar: approx. 60 min.
Minimum applicable thickness: 5 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-2 - G type mortar, class M 5.
Storage: 12 months.
Colour: available in 7 colours.
Application: gauging trowel.
Consumption: 16.5 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



Mape-Antique Strutturale NHL

High-performance breathable mortar for render and masonry work made from natural hydraulic lime and **ECO-POZZOLAN**, cement-free, particularly suitable for making "reinforced" and installation mortar.



TECHNICAL DATA:

Maximum diameter of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPE-ANTIQUE STRUTTURALE NHL with 16-17 parts of water (4-4.25 l of water for each 25 kg bag of product).
Porosity of the mortar while still fresh: 7%.
Coefficient of permeability to water vapour: 60 µ.
Workability time of fresh mortar: approx. 60 minutes.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 40 mm.
Classification:
 - EN 998-1 - type GP mortar, category CS IV;
 - EN 998-2 - type G mortar, class M 15.
Storage: 12 months.
Application: continuous-mixing rendering machine or gauging trowel.
Consumption: approx. 17 kg/m² (per cm of thickness).
Packaging: 25 kg bags.



MaPeWall Muratura Fine

High strength, breathable, natural hydraulic lime-based masonry mortar with very low emission level of VOC for general building work, reinforced masonry and patching and plumbing walls.



TECHNICAL DATA:

Maximum size of aggregate (EN 1015-1) (mm): 1.5 mm.
Mixing ratio: 100 parts of MAPEWALL MURATURA FINE with 16-18 parts of water (4.0-4.5 litres of water per 25 kg bag).
Coefficient of permeability to water vapour: 15/35 μ .
Workability time of wet mortar (EN 1015-9): approx. 60 minutes.
Minimum applicable thickness (mm): 5 mm.
Maximum applicable thickness (mm): 30 mm.
Classification: EN 998-2 - G type mortar, class M10.
Storage: 12 months.
Colour: available in 7 colours.
Application: gauging trowel.
Consumption: 1.65 kg/dm³ (of cavity to be filled).
Packaging: 25 kg bags.



MaPeWall Muratura Grosso

High strength, breathable, natural hydraulic lime-based masonry mortar with very low emission of VOC for general building and "reinforced" masonry work and patching and plumbing walls



TECHNICAL DATA:

Maximum size of aggregate: 3 mm.
Mixing ratio: 100 parts of MAPEWALL MURATURA GROSSO with 15.5-17.5 parts of water (3.9-4.4 litres of water per 25 kg bag of product).
Water vapour permeability coefficient: 15/35 μ .
Workability time of fresh mortar: approx. 60 mins.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 40 mm.
Classification: EN 998-2 - type G mortar, class M 5.
Storage: 12 months.
Application: trowel.
Consumption: 1.70 kg/dm³ (of cavities to be filled).
Packaging: 25 kg bags.



MaPeWall Render & Strengthen

High strength natural hydraulic lime-based breathable rendering and masonry mortar with very low emission of VOC for making structural render, "reinforced" structural render and installation mortar.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm
Mixing ratio: 100 parts of MAPEWALL RENDER & STRENGTHEN with 16-18 parts of water (4.0-5.0 litres of water per 25 kg bag of product).
Porosity of fresh mortar: 16%.
Water vapour permeability coefficient: 20 μ .
Workability time of fresh mortar: approx. 60 mins.
Minimum applicable thickness: 10 mm.
Maximum applicable thickness per layer: 30 mm.
Classification:
 - EN 998-1 - type GP mortar, category CS IV;
 - EN 998-2 - type G mortar, class M15.
Storage: 12 months.
Colour: hazel, beige and grey.
Application: by trowel or with a continuous-mixing rendering machine.
Consumption: approx. 16 kg/m² (per cm of thickness).
Packaging: 25 kg bags.

13.10 Waterproofing and protecting construction features



MaPe-Antique Ecolastic

Two-component, elastic, salt-resistant, cement-free, lime and **ECO-POZZOLAN** based coating for waterproofing and protecting construction features, including in listed buildings



TECHNICAL DATA:

Consistency: plastic
Mixing ratio: comp A: comp. B = 2 : 1.
Workability time of mix: approx. 1 hour (at +20°C).
Application temperature: +5°C to +40°C.
Classification:
 - EN 14891: "Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives" according to principles CM, O1 and P;
 - EN 15824 - Specifications for external renders and internal plasters based on organic binders";
 - EN 1504-2 - Products and systems for the protection of concrete surfaces according to principles PI, MC and IR.
Storage: 12 months component A, 24 months component B.
Application: brush, roller, spreader or rendering machine with a skim-coat lance.
Consumption:
 - by roller: 1.65 kg/m² per mm of thickness;
 - by spray: 2.2 kg/m² per mm of thickness.
Packaging: 15 kg kit:
 - component A: 10 kg bags;
 - component B: 5 kg tanks.





**REPAIRING, CONSOLIDATING
AND STRENGTHENING
WOODEN STRUCTURES**

14. REPAIRING, CONSOLIDATING AND STRENGTHENING WOODEN STRUCTURES



Mapewood Gel 120

Gel epoxy adhesive for restoring wooden structural elements.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Workability time: 40'.

Setting time: 50'.

Final hardening time: 7 days.

Storage: 24 months.

Application: pouring or injection.

Consumption: 1.01 kg/dm³ (of cavities to be filled).

Packaging: 2.5 kg units (comp. A = 2 kg and comp. B = 0.5 kg).



Mapewood Paste 140

Thixotropic epoxy adhesive for restoring wooden structural elements.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 2 : 1.

Workability time: 1 hour.

Setting time: 4-5 hours.

Final hardening time: 7 days.

Storage: 24 months.

Application: metal trowel.

Consumption: 1.59 kg/dm³ (of cavities to be filled).

Packaging: 3 kg units (comp. A = 2 kg and comp. B = 1 kg).



Mapewood Primer 100

Fluid epoxy impregnator in water dispersion for consolidating and priming wooden structures.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 1 : 1.

Workability time: 30-40 minutes.

Final hardening time: 12-24 hours.

Storage: 24 months.

Application: roller, brush or pipe cleaner.

Consumption: approx. 150 g/m².

Packaging: 1 kg units (comp. A = 0.5 kg and comp. B = 0.5 kg).





**ADHESIVES AND SMOOTHING
COMPOUNDS FOR CELLULAR
CONCRETE BLOCKS**



Porocol

Cementitious adhesive mortar for expanded block masonry.



TECHNICAL DATA:

Maximum diameter of aggregate: 1 mm.

Mixing ratio: 100 parts of POROCOL with 23-25 parts of water.

Pot life of mix: approximately 2-3 hours.

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 1.5 cm per layer.

Classification:

– EN 998-1 - type GP mortar, category CS III;

– EN 998-2 - type T mortar, class M5.

Storage: 12 months.

Application: notched or smooth trowel.

Consumption:

– as adhesive for flat block walls: 5-7 kg/m²;

– as skimming layer for flat block walls: 1.4 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Porocol FF

One-component, fine-grained, white cementitious mortar for laying cellular-concrete blocks and for smoothing over the surface in layers of up to 10 mm thick.

Fire resistance class according to EN 1364-1 EI 240 - E 120.



TECHNICAL DATA:

Maximum diameter of aggregate: 1 mm.

Mixing ratio: 100 parts of POROCOL FF with 27-29 parts of water.

Pot life of mix: approximately 2-3 hours.

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 1 cm per layer.

Classification:

– EN 998-1 - type GP mortar, category CS III;

– EN 998-2 - type T mortar, class M5.

Storage: 12 months.

Application: notched or smooth trowel.

Consumption:

– as adhesive for flat block walls: 2-4 kg/m²;

– as skimming layer for flat block walls: 1.2 kg/m² per mm of thickness.

Packaging: 25 kg bags.





**PRODUCTS FOR THE
RESTORATION OF CONCRETE**

16. PRODUCTS FOR THE RESTORATION OF CONCRETE

16.1 Protection of steel reinforcement rods



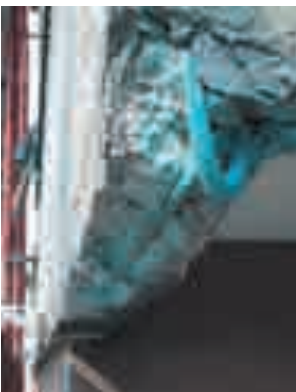
Mapefer

Two-component, anti-corrosion cementitious mortar for steel reinforcement rods.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.5 mm.
Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 2 mm.
Waiting time between each coat: approximately 2 hours.
Waiting time before applying mortar: 6-24 hours.
Classification: EN 1504-7.
Storage: 12 months.
Application: brush in two coats.
Consumption: 120 g/m for 8 mm diameter rebar (2 mm of product applied).
Packaging: 2 kg kits:
 - 1.5 kg sachets (comp. A);
 - 0.5 kg bottles (comp. B).



Mapefer 1K

One-component, anti-corrosion cementitious mortar for steel reinforcement rods.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.5 mm.
Mixing ratio: 100 parts of MAPEFER 1K with 20-22 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 2 mm.
Waiting time between each coat: approximately 2 hours.
Waiting time before applying mortar: 6-24 hours.
Classification: EN 1504-7.
Storage: 24 months.
Application: brush in two coats.
Consumption: 100 g/m for 8 mm diameter rebar (2 mm of product applied).
Packaging: boxes of 4x5 kg sachets.



Mapeshield E 25

Adhesive zinc plates applied directly on the surface of structures for galvanic cathodic protection against the corrosion of steel reinforcement rods.

TECHNICAL DATA:

Thickness of plate: 0.25 mm.
Height: 25 cm.
Weight: 3.15 kg/m² ± 5%.
Storage: 12 months.
Application: external surfaces of concrete.
Consumption: according to the density of steel reinforcement.
Packaging: wooden boxes with 1 25 m x 25 cm wide rolls.



Mapeshield I

Pure zinc anodes coated with a special conductive paste, for galvanic cathodic protection against corrosion of steel reinforcement in new structures and in structures requiring repair.

TECHNICAL DATA:

Mapeshield I 10	10/10	10/20
External surface:	100 x 50 mm ± 10%	100 x 50 mm ± 10%
Height:	12 mm ± 10%	15 mm ± 10%
Weight:	230 g ± 10%	320 g ± 10%
Storage:	12 months.	
Application:	directly on steel reinforcement.	
Consumption:	according to the density of steel reinforcement.	
Packaging:	boxes of 24 pieces.	
Mapeshield I 30	30/10	30/20
External surface:	300 x 50 mm ± 5%	300 x 50 mm ± 5%
Height:	10 mm ± 10%	12 mm ± 10%
Weight:	450 g ± 10%	570 g ± 10%
Storage:	12 months.	
Application:	directly on steel reinforcement.	
Consumption:	according to the density of steel reinforcement.	
Packaging:	boxes of 12 pieces.	

16.2 Repairs to concrete with compensated-shrinkage mortar and binders



Gravel 0-8

Aggregate with an assorted grain size for cementitious mortar, particularly suitable as a “filler” for STABILCEM.



TECHNICAL DATA:

Size of aggregate: assorted grain size from 0 to 8 mm.

Application: added as an aggregate.

Packaging: 20 kg bags.



Gravel 0-15

Aggregate with an assorted grain size for cementitious mortar, particularly suitable as a “filler” for STABILCEM.



TECHNICAL DATA:

Size of aggregate: assorted grain size from 0 to 15 mm.

Application: added as an aggregate.

Packaging: 25 kg bags.



Gravel 3-5

Aggregate with an assorted grain size mixed with repair mortar from the MAPEGROUT range.



TECHNICAL DATA:

Size of aggregate: assorted grain size from 3 to 5 mm.

Application: added as an aggregate.

Packaging: 25 kg bags.



Gravel 6-10

Aggregate with an assorted grain size mixed with repair mortar from the MAPEGROUT HI-FLOW and MAPEGROUT SV ranges or with expansive mortar, such as MAPEFILL.



TECHNICAL DATA:

Size of aggregate: assorted grain size from 6 to 10 mm.

Application: added as an aggregate.

Packaging: 25 kg bags.



Mapecure SRA

Curing admixture for cementitious mortar and concrete to reduce hydraulic shrinkage and the formation of micro-cracks.

TECHNICAL DATA:

Consistency: liquid.

Storage: 12 months.

Consumption:

- mortar: 0.25% by weight of pre-blended mix;
- concrete and beton: 5-8 l/m³.

Packaging: 20 kg tanks.



Mapefill MF 610

Expansive mortar for precision anchoring in thick layers.



TECHNICAL DATA:

Maximum size of aggregate: ≤ 10 mm.

Mixing ratio: 100 parts of MAPEFILL MF 610 with 9.5-10.5 parts of water and 0.16-0.32% of MAPECURE SRA.

Pot life of mix: approx. 2 hours (at +20°C).

Minimum applicable thickness: 5 cm.

Maximum applicable thickness: 10 cm.

Classification:

- EN 1504-3 - class R4 structural mortar;
- EN 1504-6.

Storage: 12 months.

Application: pouring.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



MapegROUT 430

Fine-grained, fibre-reinforced, normal-setting thixotropic mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 1 mm.

Mixing ratio: 100 parts of MAPEGROUT 430 with 17.5-18.5 parts of water.

Pot life of mix: approximately 1 hour (at +20°C).

Minimum applicable thickness: 5 mm.

Maximum applicable thickness: 3.5 cm per layer.

Classification: EN 1504-3 - class R3 structural mortar.

Storage: 12 months.

Application: trowel, gauging trowel or rendering machine, including the continuous-mixing type.

Consumption: 17 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags.



MapegROUT Anchor & Repair

Fibre-reinforced, compensated-shrinkage, mortar for repairing concrete and anchoring metal structures.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.

Mixing ratio: 100 parts of MAPEGROUT ANCHOR & REPAIR with 13-14.5 parts of water and 0.25% of MAPECURE SRA.

Pot life of mix: approx. 1 h.

Minimum thickness: 1 cm.

Maximum thickness: approx. 5 cm.

Classification: EN 1504-3 3 (R4 class structural mortar), EN 1504-6.

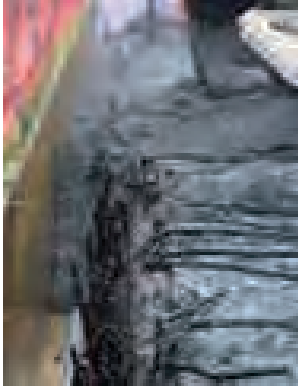
Storage: 12 months.

Colour: grey.

Application: pouring into formworks.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout Betontech HPC

Free-flowing, shrinkage compensated cementitious grout with added polymer fibre reinforcement with a work-hardening effect for restoring concrete requiring a high level of ductility.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.

Mixing ratio: 100 parts of MAPEGROUT BETONTECH HPC with 11.5-12.5 parts of water and 0.25% of MAPECURE SRA.

Pot life of mix: approx. 1 hour (at +20°C).

Minimum applicable thickness: 3 cm.

Maximum applicable thickness: 10 cm.

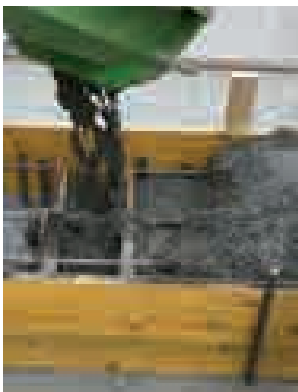
Classification: EN 1504-3 - class R4 structural mortar.

Storage: 12 months.

Application: pouring into formwork.

Consumption: approx. 20.5 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapegrout Betontech HPC10

Rheoplastic cementitious mortar with added structural fibre reinforcement with a work-hardening effect for restoring concrete requiring a high level of ductility.



TECHNICAL DATA:

Maximum size of aggregate: 10 mm.

Mixing ratio: 100 parts of MAPEGROUT BETONTECH HPC10 with 9.5-10.0 parts of water.

Pot life of mix: approx. 1 hour (at +20°C).

Minimum applicable thickness: 5 cm.

Maximum applicable thickness: 30 cm.

Classification: EN 1504-3 - class R4 structural mortar.

Storage: 12 months.

Application: pouring into formwork.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapegrout BM

Two-component cementitious mortar with a low modulus of elasticity for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.

Mixing ratio: 100 parts of MAPEGROUT BM comp. A with 18.8 parts of MAPEGROUT BM comp. B.

Pot life of mix: approximately 1 hour (at +20°C).

Minimum applicable thickness: 1 cm.

Maximum applicable thickness: 3.5 cm per layer.

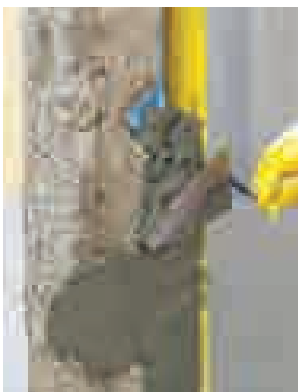
Classification: EN 1504-3 - class R4 structural mortar.

Storage: 12 months (comp. A); 24 months (comp. B).

Application: trowel, gauging trowel or rendering machine.

Consumption: approximately 21 kg/m² per cm of thickness.

Packaging: 29.7 kg kits:
– 25 kg vacuum-packed polyethylene bags (comp. A);
– 4.7 kg tanks (comp. B).



Mapegrout Easy Repair **NEW**

Normal-setting thixotropic mortar for repairing deteriorated concrete.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.

Mixing ratio: 100 part of MAPEGROUT EASY REPAIR with 16.0-17.0 parts of water. (4.0-4.25 l of water every 25 kg bag of product) and 0.25% of MAPECURE SRA (1 0.25 kg bottle every 4 bags of MAPEGROUT EASY REPAIR).

Pot life of mix: approx. 1 h (at +20°C).

Minimum thickness: 1 cm.

Maximum thickness: 5 cm.

Classification: EN 1504-3 as R4 class structural mortar.

Storage: 12 months.

Application: trowel, gauging trowel or by spray with rendering machine.

Consumption: approx. 18.5 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout Fast-Set

Fibre-reinforced, quick setting and hardening, compensated-shrinkage mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 1 mm.
Mixing ratio: 100 parts of MAPEGROUT FAST-SET with 15-16 parts of water.
Pot life of mix: approximately 10 minutes (at +20°C).
Minimum applicable thickness: 5 mm.
Maximum applicable thickness: 2-2.5 cm per layer.
Classification: EN 1504-3 - class R3 structural mortar.
Storage: 12 months.
Application: trowel or gauging trowel.
Consumption: 18 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



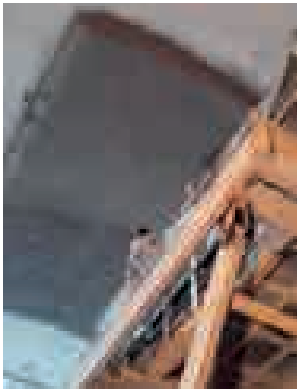
Mapegrout FMR

Two-component, shrinkage-compensated, sulphate-resistant, thixotropic mortar fibre-reinforced with flexible, alloy metal fibres, particularly suitable for repairing concrete structures where higher ductility is required.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT FMR with 17-18 parts of water.
Pot life of mix: approximately 1 hour (at 20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: gauging trowel, trowel or rendering machine.
Consumption: 19 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout FMR-PP

Shrinkage-compensated, sulphate-resistant thixotropic mortar with work-hardening behaviour reinforced with structural polymer fibres, particularly suitable for repairing concrete structures where high ductility is required.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT FMR-PP with 16-18 parts of water.
Pot life of mix: approx. 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: spreader, flat trowel or rendering machine.
Consumption: 18 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout GF Betoncino B1

Free-flowing, compensated-shrinkage cementitious mortar reinforced with inorganic fibres for repairing concrete structures where higher ductility is required.



TECHNICAL DATA:

Maximum size of aggregate: ≤ 10 mm.
Mixing ratio: 100 parts of MAPEGROUT GF BETONCINO B1 with 10.5-12 parts of water and 0.16-0.32% of MAPECURE SRA.
Pot life of mix: approx. 1 hour (at +20°C).
Minimum applicable thickness: 5 cm.
Maximum applicable thickness: 10 cm.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approx. 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapegrout Hi-Flow

Fibre-reinforced, controlled-shrinkage mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT HI-FLOW with 13-14 parts of water and 0.25% of MAPECURE SRA.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout Hi-Flow B2

Shrinkage-compensated, free-flowing, fibre-reinforced cementitious mortar for repairs to concrete structures.



TECHNICAL DATA:

Maximum size of aggregate: ≤ 10 mm.
Mixing ratio: 100 parts of MAPEGROUT HI-FLOW B2 with 10-11 parts of water and 0.16-0.32% of MAPECURE SRA.
Pot life of mix: approx. 1 hour (at +20°C).
Minimum applicable thickness: 5 cm.
Maximum applicable thickness: 10 cm.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approx. 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapegrout Hi-Flow GF

Hi-flow, shrinkage-compensated cementitious mortar reinforced with inorganic fibres, for repairing concrete structures where higher ductility is required.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT HI-FLOW GF with 14-16 parts of water and 0.25% of MAPECURE SRA.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout Hi-Flow TI 20

Flowable shrinkage-compensated, fibre-reinforced, high-ductility cementitious mortar, with stiff steel fibres for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT HI-FLOW TI 20 with 14-16 parts of water and 0.25% of MAPECURE SRA.
Pot life of mix: approximately 1 hour (at 20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.

16. PRODUCTS FOR THE RESTORATION OF CONCRETE



MapegROUT LM2K

Two-component, thixotropic, fibre-reinforced, cementitious mortar with a low modulus of elasticity and added organic corrosion inhibitor for repairing concrete, applied in a single layer at a thickness of 3 to 20 mm.



TECHNICAL DATA:

Maximum dimension of aggregate: 1.6 mm.
Mixing ratio: 100 parts of MAPEGROUT LM2K comp. A with 21 parts of MAPEGROUT LM2K comp. B.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 3 mm.
Maximum applicable thickness: 2 cm per layer.
Classification: EN 1504-3 - class R3 structural mortar.
Storage: 12 months (comp. A); 24 months (comp. B).
Application: gauging trowel, trowel or rendering machine.
Consumption: approximately 21 kg/m² per cm of thickness.
Packaging:
 30.25 kg kits:
 – 25 kg vacuum-packed polyethylene bags (comp. A);
 – 5.25 kg tanks (comp. B).



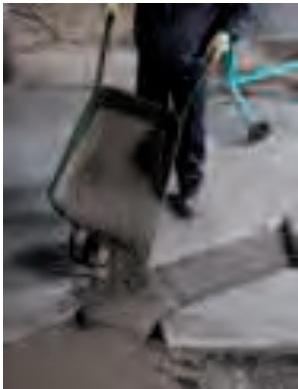
MapegROUT SV

Quick-setting and hardening, compensated-shrinkage hi-flow mortar for repairing concrete and fixing drains, manholes and urban architectural fittings in place.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV with 12-13 parts of water.
Pot life of mix: 15 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Colour: grey and black.
Application: pouring into formwork.
Consumption: 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



MapegROUT SV Fiber

Hi-flow, compensated-shrinkage, quick-setting and hardening, high-ductility cementitious mortar applied at temperatures down to -5°C, used in combination with stiff steel fibres for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV FIBER with 13.5-14.5 parts of water.
Pot life of mix: approximately 20 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: pouring into formwork.
Consumption: approximately 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



MapegROUT SV T

Quick-setting and hardening, compensated-shrinkage thixotropic mortar for repairing concrete and fixing drains, manholes and urban fittings in place.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT SV T with 12.5-13.5 parts of water.
Pot life of mix: 10 minutes (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Colour: black.
Application: gauging trowel or trowel.
Consumption: 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout T40

Medium-strength (40 MPa), compensated-shrinkage fibre-reinforced thixotropic mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT T40 with 15.5-16.5 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 3-3.5 cm per layer.
Classification: EN 1504-3 - class R3 structural mortar.
Storage: 12 months.
Application: gauging trowel, trowel or rendering machine.
Consumption: approximately 18.5 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout T60

Fibre-reinforced, sulphate-resistant thixotropic mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT T60 with 16.5-17.5 parts of water and 0.25% of MAPECURE SRA.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer on vertical surfaces and 2 cm per layer on ceilings.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: gauging trowel, trowel or rendering machine.
Consumption: 18.5 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapegrout Thixotropic

Fibre-reinforced, compensated-shrinkage mortar for repairing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEGROUT THIXOTROPIC with 15.5-16.5 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar.
Storage: 12 months.
Application: gauging trowel, trowel or rendering machine.
Consumption: 19 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapetard ES

Set-retarding admixture for rapid-setting cementitious mortar.



TECHNICAL DATA:

Consistency: liquid.
Storage: 12 months.
Consumption: one 0.25 kg bottle per 25 kg bag of PLANITOP SMOOTH & REPAIR or PLANITOP SMOOTH & REPAIR R4.
Packaging: boxes of 25 0.25 kg canisters.

16. PRODUCTS FOR THE RESTORATION OF CONCRETE



Planitop 400

Quick-setting, controlled-shrinkage thixotropic mortar for repairing the surface of concrete, may be applied in various thicknesses from 1 to 40 mm in a single layer.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.5 mm.
Mixing ratio: 100 parts of PLANITOP 400 with 15-16 parts of water.
Pot life of mix: approximately 10 minutes (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 4 cm per layer.
Classification: EN 1504-3 - class R3 structural mortar.
Storage: 12 months.
Application: trowel or gauging trowel.
Consumption: 18.5 kg/m² per cm of thickness.
Packaging: 25 kg bags; 20 kg boxes (4x5 kg packets).



Planitop Smooth & Repair

R2-class, rapid-setting shrinkage-compensated, thixotropic, fibre-reinforced, cementitious mortar for repairing and smoothing concrete, to be applied in a single layer from 3 mm to 40 mm.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP SMOOTH & REPAIR with 17-19 parts of water.
Pot life of mix: approx. 15 mins. at a temperature between +10°C and +25°C. The pot life of the mix may be extended by further 15-20 mins. by adding the set retarding admixture MAPETARD ES (one 0.25 kg bottle per 25 kg bag of PLANITOP SMOOTH & REPAIR).
Minimum applicable thickness: 3 mm.
Maximum applicable thickness: 4 cm per layer.
Classification:
 – EN 1504-3 - class R2 non-structural mortar.
 – EN 1504-2 - coating (C) principles MC and IR.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: gauging trowel or trowel.
Consumption: approximately 15 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags and 20 kg boxes (4x5 kg packets).



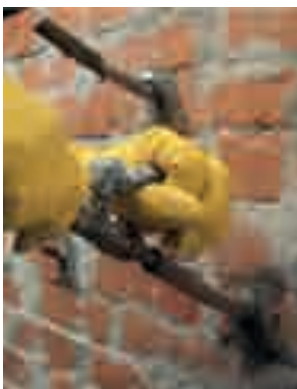
Planitop Smooth & Repair R4

Rapid-setting shrinkage-compensated thixotropic fibre-reinforced class R4 structural cementitious mortar applied in a single layer from 3 to 40 mm thick for repairing and smoothing concrete.



TECHNICAL DATA:

Maximum size of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP SMOOTH & REPAIR R4 with 16.5-17.5 parts of water.
Pot life of mix: approx. 15 mins. at +10°C to +25°C. The pot life of the mix may be extended by 15-20 mins. by adding the set retarding admixture MAPETARD ES (one 0.25 kg bottle per 25 kg bag of PLANITOP SMOOTH & REPAIR R4).
Minimum applicable thickness: 3 mm.
Maximum applicable thickness: 4 cm per layer.
Classification: EN 1504-3 - class R4 structural mortar; EN 1504-2 - coating (C) principles MC and IR.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: gauging trowel or trowel.
Consumption: approx. 17 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Stabilcem

Expansive, super-fluid cementitious binder for mixing injection and anchoring slurry, mortar and concrete.



TECHNICAL DATA:

Mixing ratio:
 – injection slurry: 100 parts of STABILCEM with 32 parts of water;
 – mortar, beton and concrete: according to the consistency and performance required from the aggregate.
Storage: 12 months.
Application: injection and pouring into formwork.
Consumption:
 – injection slurry: 1.6 kg/l of cavities to be filled;
 – mortar and beton: 350-550 kg/m³;
 – concrete: 400 kg/m³.
Packaging: 20 kg vacuum-packed polyethylene bags.





WATER-REPELLENT PRODUCTS FOR THE PROTECTION OF CONCRETE

17. WATER-REPELLENT PRODUCTS FOR THE PROTECTION OF CONCRETE



Planiseal WR 40

Ready-mixed 40% silane-based, hydrophobising, migrating liquid in water emulsion applied to the surface of reinforced concrete structures.



TECHNICAL DATA:

Dilution rate: ready-mix.

Colour: white.

Consistency: liquid.

Dry solid content: 40%.

Penetration depth: class I (< 10 mm).

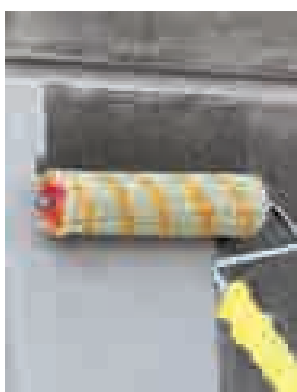
Classification: EN 1504-2 - coating (C) principles PI, MC and IR.

Storage: 12 months.

Application: low-pressure airless spray or roller.

Consumption: approx. 0.1-0.2 kg/m² per coat depending on the porosity of the substrate.

Packaging: 5 kg tanks.



Planiseal WR 85 Gel

Ready-mixed, hydrophobising, protective, migrating, silane-based, thixotropic gel applied on the surface of reinforced concrete structures.



TECHNICAL DATA:

Dilution rate: ready to use.

Colour: transparent.

Consistency: gel.

Dry solid content: 98%.

Penetration depth: Class II > 10 mm.

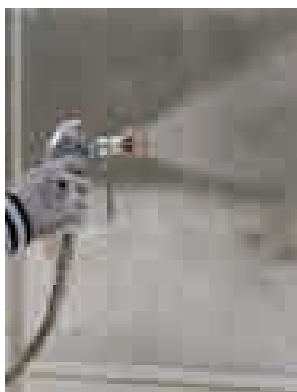
Classification: EN 1504-2 according to PI, MC and IR principles

Storage: 12 months.

Application: high-pressure airless spray or roller.

Consumption: 0.3-0.5 kg/m².

Packaging: 5 kg drums.



Planiseal WR 100

Ready-mixed pure silane-based, hydrophobising, protective, migrating liquid applied to the surface of reinforced concrete structures



TECHNICAL DATA:

Dilution rate: ready-mix.

Colour: transparent.

Consistency: liquid.

Dry solid content: 98%.

Penetration depth: class I (< 10 mm).

Classification: EN 1504-2 - coating (C) principles PI, MC and IR.

Storage: 24 months.

Application: low-pressure airless spray or roller.

Consumption: approx. 0.1-0.2 kg/m² per coat depending on the porosity of the substrate.

Packaging: 5 kg tanks.





RENDERING AND INSTALLATION MORTARS



Intomap Allettamento

Hydrated lime and cement-based masonry mortar for pointing and laying bricks and concrete blocks.



TECHNICAL DATA:

Maximum dimension of aggregate: 1.4 mm.
Mixing ratio: 100 parts of INTOMAP ALLETTAMENTO with 17-19 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 3 cm.
Classification: EN 998-2 - type G mortar, class M5.
Storage: 12 months.
Application: trowel.
Consumption: approximately 18 kg/m² per cm of thickness.
Packaging: 25 kg bags.



Intomap Allettamento H

Hydrophobic hydrated lime and cement-based masonry mortar for installing and pointing bricks and concrete blocks.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of INTOMAP ALLETTAMENTO H with 17-18.5 parts of water.
Pot life of mix: approx. 1 h (at +20°C).
Minimum thickness: 1 cm.
Maximum thickness: 3 cm.
Classification: EN 998-1 - G type mortar M10 class.
Storage: 12 months.
Application: trowel.
Consumption: approx. 17.5 kg/m² per cm of thickness.
Packaging: 25 kg bag.



Intomap Maxi Fibro

Coarse-textured, fibre-reinforced lime and hydraulic binder-based base render, for internal and external use.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of INTOMAP MAXI FIBRO with 18-20 parts of water.
Pot life of mix: approx. 1 h (at +20°C).
Minimum thickness: 1 cm.
Maximum thickness: 4 cm (localised).
Classification: EN 998-1 - GP type mortar CS II category.
Storage: 12 months.
Application: trowel or continuous feed rendering machine.
Consumption: approx. 14.5 kg/m² per cm of thickness.
Packaging: 25 kg bag.



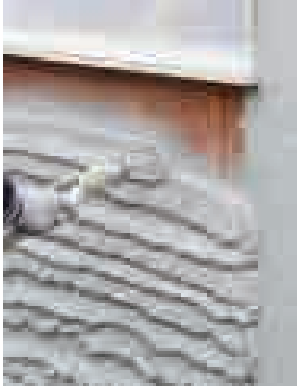
Intomap R2

Fibre-reinforced, base render made from lime and hydraulic binder for internal and external use.



TECHNICAL DATA:

Maximum dimension of aggregate: 1.4 mm.
Mixing ratio: 100 parts of INTOMAP R2 FIBRO with 19-21 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 3 cm.
Classification: EN 998-1 - type GP mortar, category CS II.
Storage: 12 months.
Application: continuous-mixing rendering machine or gauging trowel.
Consumption: 14 kg/m² per cm of thickness.
Packaging: 25 kg bags.



Intomap R2 Fibro

Base render made from lime and hydraulic binder for internal and external use.



TECHNICAL DATA:

Maximum dimension of aggregate: 1.4 mm.

Mixing ratio: 100 parts of INTOMAP R2 with 19-21 parts of water.

Pot life of mix: approximately 1 hour (at +20°C).

Minimum applicable thickness: 1 cm.

Maximum applicable thickness: 3 cm.

Classification: EN 998-1 - type GP mortar, category CS II.

Storage: 12 months.

Application: continuous-mixing rendering machine or gauging trowel.

Consumption: 14 kg/m² per cm of thickness.

Packaging: 25 kg bags.



**SMOOTHING AND PROTECTIVE
PRODUCTS FOR CONCRETE AND
RENDER SURFACES**



Mapefinish

Two-component cementitious mortar for finishing concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 4 parts of MAPEFINISH comp. A with 1 part of MAPEFINISH comp. B.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 2-3 mm per layer.
Classification:
 – EN 1504-3 - class R2 non-structural mortar.
 – EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months (comp. A); 24 months (comp. B).
Application: trowel.
Consumption: 1.8 kg/m² per mm of thickness.
Packaging:
 30 kg kits:
 – 24 kg bags (comp. A);
 – 6 kg tanks (comp. B).



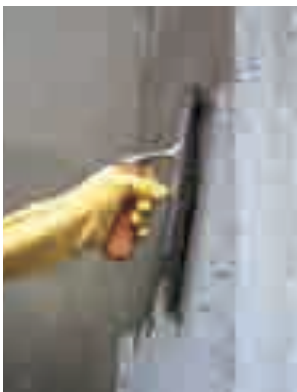
Mapelast Guard

Two-component, elastic cementitious mortar for protecting large concrete structures subjected to high stress.



TECHNICAL DATA:

Mixing ratio: 3 parts of MAPELASTIC GUARD comp. A with 1 part of MAPELASTIC GUARD comp. B.
Pot life of mix: approximately 1 h (at +20°C).
Minimum applicable thickness: 2 mm per layer.
Classification: EN 1504-2 - coating (C) principles PI, MC and IR.
Storage: 12 months (comp. A); 24 months (comp. B).
Application: trowel or by spray with a rendering machine.
Consumption:
 – approximately 1.7 kg/m² per mm of thickness (by trowel).
 – approximately 2.2 kg/m² per mm of thickness (by spray).
Packaging:
 32 kg kits:
 – 24 kg bags (comp. A);
 – 8 kg tanks (comp. B).



Monofinish

One-component, normal-setting cementitious mortar for smoothing concrete and cementitious render.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 100 parts of MONOFINISH with 18-19 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 2-3 mm per layer.
Classification:
 – EN 1504-3 - class R2 non-structural mortar.
 – EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Application: trowel.
Consumption: 1.4 kg/m² per mm of thickness.
Packaging: 22 kg bags.



Nivoplan

Smoothing mortar for indoor and outdoor walls and ceilings.



TECHNICAL DATA:

Mixing ratio: 100 parts of NIVOPLAN with 25 parts of water.
Pot life of mix: 2-3 hours (at +23°C).
Minimum applicable thickness: 2 mm.
Maximum applicable thickness: 3 cm per layer.
Classification: EN 998-1 - type GP mortar, category CS IV.
Storage: 12 months.
Colour: grey and white.
Application: trowel or gauging trowel.
Consumption: 14 kg/m² per cm of thickness.
Packaging: 25 kg bags.



Planitop 100

Quick-setting, light-grey coloured fine mortar for repairing and smoothing concrete and render.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.2 mm.
Mixing ratio: 100 parts of PLANITOP 100 with 26-27 parts of water.
Pot life of mix: 20-30 minutes (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer.
Classification: EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Application: trowel.
Consumption: 1.3 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop 200

Water-repellent cementitious skimming mortar with a fine-textured, natural finish for concrete and plastic, glass and porcelain coverings.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP 200 with 20-23 parts of water.
Pot life of mix: approximately 1 hour and 30 minutes (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer (6 mm in 2 layers with MAPENET 150 sandwiched between).
Classification:
– EN 998-1 - type GP mortar, category CS IV;
– EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Colour: grey and white.
Application: trowel.
Consumption: approximately 1.3 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop 207

Water-repellent cementitious skimming mortar with a medium-textured, natural finish for concrete and plastic, glass and porcelain coverings.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.7 mm.
Mixing ratio: 100 parts of PLANITOP 207 with 17-19 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer (6 mm in 2 layers with MAPENET 150 sandwiched between).
Classification:
– EN 998-1 - type GP mortar, category CS IV;
– EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Colour: grey and white.
Application: trowel.
Consumption: approximately 1.5 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop 210

Water-repellent, cementitious skimming mortar with a fine-textured, natural finish for concrete and plastic coatings.



TECHNICAL DATA:

Maximum size of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP 210 with 21-24 parts of water.
Pot life of mix: approximately 1 h (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm (6 mm in 2 layers with MAPENET 150 embedded between the layers).
Classification:
– EN 998-1 - GP type mortar, category CS IV;
– EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Colours: grey and white.
Application: trowel.
Consumption: approximately 1.3 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop 217

Water-repellent cementitious skimming mortar with a coarse-textured, natural finish for concrete and plastic coatings.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.

Mixing ratio: 100 parts of PLANITOP 217 with 19-22 parts of water.

Pot life of mix: approximately 1 h (at +20°C).

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 3 mm (6 mm in 2 layers with MAPENET 150 embedded between the layers).

Classification:

- EN 998-1 - GP type mortar, category CS IV;
- EN 1504-2 - coating (C) principles MC and IR.

Storage: 12 months.

Colours: grey and white.

Application: trowel.

Consumption: approximately 1.3 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planitop 510

Lime-cement skimming mortar with a fine-textured, natural finish for render.



TECHNICAL DATA:

Maximum size of aggregate: 0.4 mm.

Mixing ratio: 100 parts of PLANITOP 510 with 28-31 parts of water.

Pot life of mix: approximately 1 h (at +20°C).

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 3 mm.

Classification: EN 998-1 - type GP mortar, category CS II.

Storage: 12 months.

Colours: grey and white.

Application: trowel.

Consumption: approximately 1.3 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planitop 517

Lime-cement skimming mortar with a coarse-textured, natural finish for render.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.

Mixing ratio: 100 parts of PLANITOP 517 with 20-22 parts of water.

Pot life of mix: approximately 1 h (at +20°C).

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 3 mm.

Classification: EN 998-1 - type GP mortar, category CS III.

Storage: 12 months.

Colours: grey and white.

Application: trowel.

Consumption: approximately 1.3 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planitop 525

Natural-finish, white-coloured lime and cement smoothing compound for "fresh" or "hardened" internal and external render, applied in layers up to 3 mm thick.



TECHNICAL DATA:

Maximum dimension of aggregate: 0,4 mm.

Mixing ratio: 100 parts of PLANITOP 525 with 28-30 parts of water.

Pot life of mix: approximately 2 hours (at +20°C).

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 3 mm.

Classification: EN 998-1 - type GP mortar, category CS II.

Storage: 12 months.

Colour: white.

Application: trowel.

Consumption: approximately 1.3 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planitop 530

Lime-cement skimming mortar with a fine-textured, natural finish for render and concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP 530 with 24-27 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer.
Classification:
 – EN 998-1 - type GP mortar, category CS IV;
 – EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Colour: grey and white.
Application: trowel.
Consumption: 1.25 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planitop 540

Water-repellent cementitious skimming mortar with a fine-textured, natural finish for render and concrete.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.
Mixing ratio: 100 parts of PLANITOP 540 with 24-26 parts of water.
Pot life of mix: approximately 2 hours (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer.
Classification:
 – EN 998-1 - type GP mortar, category CS IV;
 – EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Colour: grey and white.
Application: trowel.
Consumption: approximately 1.2 kg/m² per mm of thickness.
Packaging: 25 kg bags.



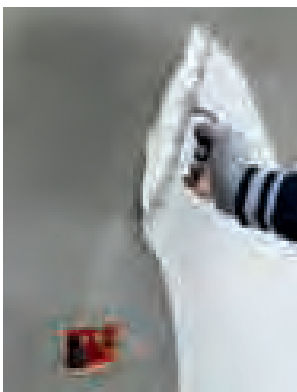
Planitop 560

Lime-cement skimming mortar with an ultra-fine-textured finish for render.



TECHNICAL DATA:

Maximum dimension of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of PLANITOP 560 with 39-43 parts of water.
Pot life of mix: approximately 2 hours (at +20°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 2 mm per layer.
Classification: EN 998-1 - type GP mortar, category CS IV.
Storage: 12 months.
Colour: white.
Application: trowel.
Consumption: approx. 1.1 kg/m² per mm of thickness.
Packaging: 20 kg bags.



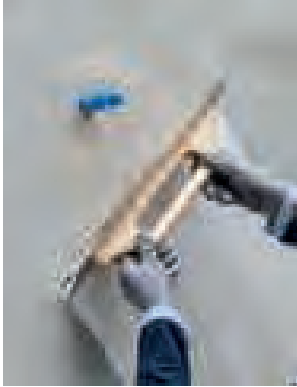
Planitop 565

Fine-grained, white-coloured lime cement skimming compound for finishing "fresh" or hardened internal and external cementitious render, applied in layers up to 1 mm thick.



TECHNICAL DATA:

Maximum dimension of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of PLANITOP 565 with 37-39 parts of water.
Pot life of mix: approximately 2 hours (at +20°C).
Minimum applicable thickness: skimming to a feather edge.
Maximum applicable thickness: 1 mm.
Classification: EN 998-1 - type GP mortar, category CS II.
Storage: 12 months.
Colour: white.
Application: trowel.
Consumption: approximately 1.2 kg/m² per mm of thickness.
Packaging: 20 kg bags.



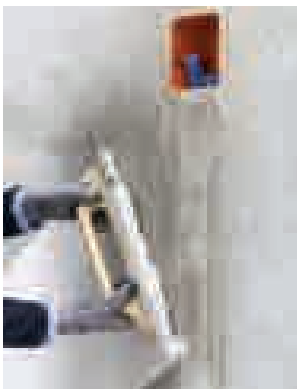
Planitop 600 RasaGesso

Lime-gypsum skimming mortar for internal render.



TECHNICAL DATA:

Maximum dimension of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of PLANITOP 600 RASAGESO with approximately 50 parts of water.
Pot life of mix: approximately 1 hour (at +23°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm.
Classification: EN 13279-1 (B3-20-2).
Storage: 12 months.
Colour: white.
Application: trowel.
Consumption: approximately 1 kg/m² per mm of thickness
Packaging: 15 kg bags.



Planitop 610 RasaGesso M

Gypsum-based skimming compound for internal render.



TECHNICAL DATA:

Maximum size of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of PLANITOP 610 RASAGESO M with approx. 60 parts of water.
Pot life of mix: approx. 40-50 mins. (at +23°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 5 mm.
Classification: EN 13279-1 (B1-20-2).
Storage: 12 months.
Colour: white.
Application: trowel.
Consumption: approx. 1 kg/m² per mm of thickness.
Packaging: 15 kg bags.



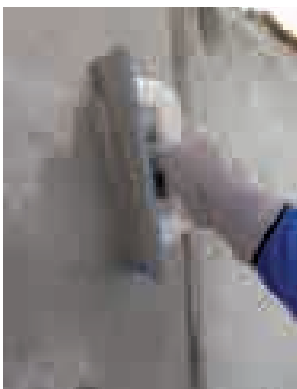
Planitop Fast 330

Quick-setting, fibre-reinforced cementitious levelling mortar for internal and external floors and walls, applied in layers from 3 to 30 mm to even out irregularities.



TECHNICAL DATA:

Maximum dimension of aggregate: 1 mm.
Mixing ratio: 100 parts of PLANITOP FAST 330 with 18-20 parts of water.
Pot life of mix: approximately 20 minutes (at +20°C).
Minimum applicable thickness: 3 mm.
Maximum applicable thickness: 3 cm per layer.
Classification:
 – EN 998-1 - type GP mortar, category CS IV;
 – EN 1504-2 - coating (C) principles MC and IR.
EMICODE: EC1 - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 14.5 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Planitop Fine Finish

Ultra fine textured skimming mortar for concrete; recommended for exposed finish surfaces.



TECHNICAL DATA:

Maximum size of aggregate: 0.2 mm.
Mixing ratio: 100 parts of PLANITOP FINE FINISH with 40-42 parts of water.
Pot life of mix: approx. 45 mins. (at +23°C).
Minimum applicable thickness: skimming to a feather edge.
Maximum applicable thickness: 3 mm per layer.
Classification: EN 1504-2 - coating (C) principles MC and IR.
Storage: 12 months.
Application: rubber or metal trowel.
Consumption: approx. 1.2 kg/m² per mm of thickness.
Packaging: 20 kg bags.



Planitop Raso Max **NEW**

Smooth-textured, fibre-reinforced, waterproof, lime-cement smoothing and levelling mortar applied in layers 2 to 10 mm thick over cementitious render, concrete and plastic coatings.



TECHNICAL DATA:

Maximum size of aggregate: < 0.6 mm.
Mixing ratio: 100 parts of PLANITOP RASO MAX with 22-24 parts of water.

Pot life of mix: approx. 1 h (at +20°C).

Minimum thickness: 2 mm.

Maximum thickness: 10 mm.

Classification:

- EN 998-1 - GP type mortar CS IV category;
- EN 1504-3 - R2-class non-structural mortars.

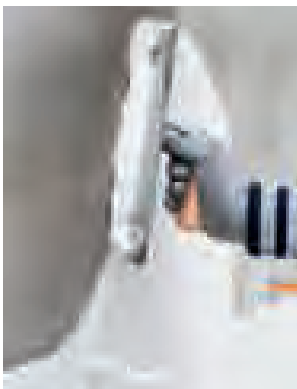
Storage: 12 months.

Colour: white.

Application: trowel.

Consumption: approx. 1.45 kg/m² per cm of thickness.

Packaging: 25 kg bag.



Planitop Superfine

Ultra-fine textured cementitious skimming compound applied in layers up to 1 mm thick for finishing off the surface of internal and external "fresh" or "cured" cementitious render.



TECHNICAL DATA:

Maximum size of aggregate: < 0.1 mm.

Mixing ratio: 100 parts of PLANITOP SUPERFINE with 34-37 parts of water.

Pot life of mix: approx. 2 hours (at +20°C).

Minimum applicable thickness: skimming to a feather edge.

Maximum applicable thickness: 1 mm.

Classification: EN 998-1 - type GP mortar, category CS II.

Storage: 12 months.

Colour: white.

Application: trowel.

Consumption: approx. 1.3 kg/m² per mm of thickness.

Packaging: 20 kg bags.



Triblock Finish

Three-component, epoxy-cementitious mortar for smoothing damp substrates.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.25 mm.

Mixing ratio:

comp. A : comp. B : comp. C = 4.8 : 15.2 : 80.

Pot life of mix: 40 minutes (at +23°C).

Minimum applicable thickness: 1 mm.

Maximum applicable thickness: 3 mm per layer (up to 5 mm on limited areas).

Classification: EN 1504-2 - coating (C) principles MC and IR.

Storage: 12 months.

Application: trowel or rendering machine.

Consumption: 2 kg/m² per mm of thickness.

Packaging:

31.25 kg kits:

- 1.5 kg drums (comp. A);

- 4.75 kg drums (comp. B);

- 25 kg bags (comp. C).



PRODUCTS FOR ANCHORING AND RAPID FIXING



Lam pocem

Ready-to-use, quick-setting and hardening, anti-shrinkage hydraulic binder.



TECHNICAL DATA:

Maximum dimension of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of LAMPOCEM with 20-21 parts of water.
Pot life of mix: approximately 1 minute (at +23°C).
Storage: 12 months.
Application: trowel or gauging trowel.
Consumption: 1.8 kg/dm³ of cavities to be filled.
Packaging: 25 kg bags, boxes of 4x5 kg sachets and packages of 9x1 kg cartridges.



Mapefill

Fluid expansive mortar for anchoring objects in place.



TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEFILL with 14-15 parts of water.
Pot life of mix: approximately 1 hour (at +20°C).
Maximum applicable thickness: 6 cm per layer.
Classification: EN 1504-6.
Storage: 12 months.
Application: pouring.
Consumption: 1.95 kg/dm³ of cavities to be filled.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapefill MF 610

Expansive mortar for precision anchoring in thick layers.



TECHNICAL DATA:

Maximum size of aggregate: ≤ 10 mm.
Mixing ratio: 100 parts of MAPEFILL MF 610 with 9.5-10.5 parts of water and 0.16-0.32% of MAPEURE SRA.
Pot life of mix: approx. 2 hours (at +20°C).
Minimum applicable thickness: 5 cm.
Maximum applicable thickness: 10 cm.
Classification:
 – EN 1504-3 - class R4 structural mortar;
 – EN 1504-6.
Storage: 12 months.
Application: pouring.
Consumption: approx. 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags and 1,000 kg big-bags.



Mapefill R

Quick-hardening, fluid expansive mortar for quickly anchoring objects in place.



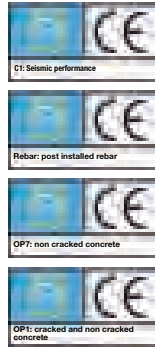
TECHNICAL DATA:

Maximum dimension of aggregate: 2.5 mm.
Mixing ratio: 100 parts of MAPEFILL R with 17-18 parts of water.
Pot life of mix: approximately 45 minutes (at +20°C).
Maximum applicable thickness: 6 cm per layer.
Classification: EN 1504-6.
Storage: 12 months.
Application: pouring.
Consumption: 1.95 kg/dm³ of cavities to be filled.
Packaging: 25 kg vacuum-packed polyethylene bags.



Mapefix Combibox VE SF Kit

Styrene-free, hybrid vinyl ester resin-based chemical fastener for structural loads. Certified for threaded rods, rebar, C1 seismic performance. Kit made up of 12 cartridges of MAPEFIX VE SF 300 or 420 ml MAPEFIX VE SF, 24 mixers, 5 T-shirts, 1 pair of work pants.



M8-M30
Ø8-Ø32

Ø8-Ø32
M12-M24 ZA

M8-M30
Ø8-Ø32

M8-M30
Ø8-Ø32

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Recommended penetration technique: drill, hammer drill, core drilling, diamond-tipped tools.

Condition of hole for application: clean, dry, damp, wet or immersed underwater.

Workability time at +20°C: 6 mins.

Final hardening time at +20°C: 45 mins (dry substrate), 90 mins (wet substrate).

Certified bar diameter: from M8 to M30; from Ø8 to Ø32.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side); ETA Seismic performance C1; ETA option REBAR; fire resistance.

Application: extrusion gun.

Packaging: 300 ml, 420 ml.

Storage: 12 months (300 ml) or 18 months (420 ml) at +5°C - +25°C.

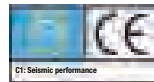


Mapefix EP 385/585

Pure epoxy, resin-based chemical anchor for structural loads. Certified for threaded bar, construction bars, core-drilled holes and C2 seismic loads.



M12-M16



M12-M30
Ø12-Ø32



M10-M24
Ø10-Ø25



Ø8-Ø40



M8-M30
Ø8-Ø32

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Recommended penetration technique: drill, hammer drill, core drilling, diamond-tipped tools.

Condition of hole for application: clean, dry, damp, wet or immersed underwater.

Workability time at +20°C: 30 mins.

Final hardening time at +20°C: 10 h (dry substrate), 20 h (wet substrate).

Certified bar diameter: from M8 to M30, from Ø8 to Ø40.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side); ETA Seismic performance C1 and C2; ETA option REBAR; ETA core drill; reaction to fire.

Application: extrusion gun.

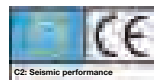
Packaging: 385 ml and 585 ml.

Storage: 24 months at +5°C - +25°C.



Mapefix EP 470 Seismic

Pure epoxy resin-based chemical anchor for structural loads. Certified for threaded bar, construction bars, and C2 seismic loads.



M16-M24



Ø8-Ø32



M8-M30



M16-M24



TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Recommended penetration technique: drill, hammer drill, core drilling, diamond-tipped tools.

Condition of hole for application: clean, dry, damp or wet.

Workability time at +20°C: 50 mins.

Final hardening time at +20°C: 16 h (dry substrate).

Certified bar diameter: from M8 to M30; from Ø8 to Ø32.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side); ETA Seismic performance C2; ETA option REBAR.

Application: extrusion gun.

Packaging: 470 ml.

Storage: 24 months at +5°C - +25°C.



Mapefix EP Mixer

Spare static mixer for epoxy chemical anchors.

TECHNICAL DATA:

Suitable for the following MAPEI products: MAPEFIX EP 385, MAPEFIX EP 585, MAPEFIX EP 470 SEISMIC, MAPEFIX VE SF, MAPEFIX POLYBOND, MAPEFIX VINYBOND, MAPEFIX UM-H.

Packaging: box of 12 mixers.



Mapefix PE + VE Mixer

Spare static mixer for polyester and vinylester chemical anchors.

TECHNICAL DATA:

Suitable for the following MAPEI products: MAPEFIX PE WALL, MAPEFIX PE SF, MAPEFIX VE SF.
Packaging: box of 12 mixers.



Mapefix PE SF

Styrene-free, polyester resin chemical fastener for heavy loads.



M8-M16



M8-M24

OP7: non cracked concrete



TECHNICAL DATA:

Suitable substrates: all full or perforated substrates.
Recommended penetration technique: drill or hammer-drill.
Condition of hole for application: clean, dry or damp.
Application temperature range of substrate: +5°C - +35°C.
Workability time at +20°C: 6'.
Final hardening time at +20°C: 45' (dry substrate), 90' (wet substrate).
Certified diameter of bars: from M8 to M24.
Certification available: CE mark; ETA option 7 (fasteners in compressive side) ETAG 029 (anchors in masonry).
Application: extrusion gun.
Packaging: 300 ml, 420 ml.
Storage: 12 months (300 ml) or 18 months (420 ml) at +5°C - +25°C.



Mapefix PE Wall

Styrene-free chemical anchor made from polyester for light loads certified for masonry.



M8-M12



TECHNICAL DATA:

Suitable substrates: all full and perforated masonries.
Recommended penetration technique: drill or hammer-drill.
Condition of substrate for application: dry, clean.
Application temperature range of substrate: 0°/+30°C.
Workability time at +20°C: 6'.
Final hardening time at +20°C: 45'.
Certified diameter of fastener: from M8 to M24.
Certification available: CE mark; ETAG 029 (anchors in masonry).
Application: extrusion gun.
Packaging: 380 ml.
Storage: 12 months at +5°C - +30°C.



Mapefix Metal Sleeve

Cylindrical, perforated metal sleeve for applying chemical anchors in hollow and loose substrates. 1 m long cylinder to be cut to size.

TECHNICAL DATA:

Diameter and length available:
 Ø20 x 1000mm x 25 pcs.
 Ø16 x 1000mm x 50 pcs.
 Ø12 x 1000mm x 50 pcs.
Suitable for the following MAPEI products: MAPEFIX range.



Mapefix Plastic Sleeve

Cylindrical perforated plastic sleeve for applying chemical anchors in hollow substrates

TECHNICAL DATA:

Diameter and length available:

Ø 12 x 80 mm;
Ø 15 x 85 mm;
Ø 20 x 85 mm.

Suitable for the following MAPEI products:

MAPEFIX range.

Packaging: bag of 10 sleeves.



Mapefix PolyBond

Polyester, resin-based chemical fastener for heavy loads. Certified for threaded rods in concrete.



M8-M24

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry.

Colour: grey.

Recommended penetration technique: rotary drill, hammer drill.

Condition of hole for application: clean, dry.

Application temperature range of substrate: from 0°C.

Workability time at +20°C: 6 mins.

Final hardening time at +20°C: 45 mins (dry substrate), 90 mins (wet substrate).

Certified bar diameter: from M8 to M24.

Certification: CE marking; ETA option 7 (fasteners in compressive side).

Application: extrusion gun (MAPEI 310 PRO and MAPEI GUN 420 2K).

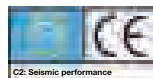
Packaging: 300 ml e 420 ml.

Storage: 12 months for 300 ml cartridge and 18 months for 420 ml cartridge.



Mapefix UM-H 420

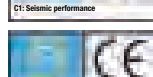
Solvent-free, methacrylate resin-based chemical fastener for structural loads. High bond strength and high thermal resistance. Certified for threaded rods and rebars, C1 and C2 seismic loads.



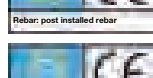
M12-M24



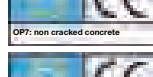
M8-M30
Ø8-Ø32



Ø8-Ø32
M6-M20 IG



M8-M30
Ø8-Ø32



M8-M30
Ø8-Ø32

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Colour: grey.

Recommended penetration technique: drill, hammer drill.

Condition of hole for application: clean, dry, damp, wet or immersed underwater.

Workability time at +20°C: 6 mins.

Final hardening time at +20°C: 40 mins.

Certified bar diameter: from M8 to M30, from Ø8 to Ø32.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side); ETA Seismic performance C1 and C2;

ETA option REBAR;

Application: extrusion gun (MAPEI GUN 420 2K).

Packaging: 420 ml.

Storage: 18 months.



Mapefix VE SF

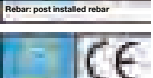
Styrene-free, hybrid vinyl resin-based chemical anchor for structural loads. Certified for threaded bar, construction bars and C1 seismic loads.



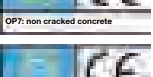
M8-M30
Ø8-Ø32



Ø8-Ø32
M12-M24 ZA



M8-M30
Ø8-Ø32



M8-M30
Ø8-Ø32

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Recommended penetration technique: drill, hammer drill, core drilling, diamond-tipped tools.

Condition of hole for application: clean, dry, damp, wet or immersed underwater.

Workability time at +20°C: 6 mins.

Final hardening time at +20°C: 45 mins (dry substrate), 90 mins (wet substrate).

Certified bar diameter: from M8 to M30; from Ø8 to Ø32.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side); ETA Seismic performance C1;

ETA option REBAR; fire resistance.

Application: extrusion gun.

Packaging: 300 ml, 420 ml.

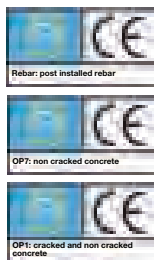
Storage: 12 months (300 ml) or 18 months (420 ml) at +5°C - +25°C.





Mapefix VinylBond

Styrene-free, hybrid vinyl ester resin-based chemical fastener for structural loads. Certified for threaded rods in concrete and rebar in reinforced concrete.



Ø8-Ø32
M12-M24 ZA

M8-M30
Ø8-Ø32

M8-M30
Ø8-Ø32

TECHNICAL DATA:

Suitable substrates: all solid and perforated substrates such as concrete and concrete derivatives, brickwork, mixed masonry, wood and rock.

Colour: grey.

Recommended penetration technique: drill, hammer drill. **Condition of hole for application:** clean, dry, damp, wet or immersed underwater.

Workability time at +20°C: 6 mins.

Application temperature range of substrate: from -10°C.

Final hardening time at +20°C: 45 mins (dry substrate), 90 mins (wet substrate).

Certified bar diameter: from M8 to M30, from Ø8 to Ø32.

Certification: CE marking; ETA option 1 (anchors in tension and compressed zones); ETA option 7 (fasteners in compressive side) ETA option REBAR.

Application: extrusion gun (MAPEI 310 PRO and MAPEI GUN 420 2K).

Packaging: 300 ml and 420 ml.

Storage: 12 months for 300 ml cartridge and 18 months for 420 ml cartridge.



Mapegrout Anchor & Repair

Fibre-reinforced, compensated-shrinkage, mortar for repairing concrete and anchoring metal structures.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.

Mixing ratio: 100 parts of MAPEGROUT ANCHOR & REPAIR with 13-14.5 parts of water and 0.25% of MAPECURE SRA.

Pot life of mix: approx. 1 h.

Minimum thickness: 1 cm.

Maximum thickness: approx. 5 cm.

Classification: EN 1504-3 3 (R4 class structural mortar), EN 1504-6.

Storage: 12 months.

Colour: grey.

Application: pouring into formworks.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: 25 kg vacuum-packed polyethylene bags.



Planibond BA 100

Two-component fluid epoxy resin for anchoring steel bars.



TECHNICAL DATA:

Mixing ratio: comp. A: comp. B = 96 : 4 by weight.

Pot life of mix: 45 mins. (at +23°C).

Classification: EN 1504-6.

Storage: 24 months.

Application: by pouring.

Consumption: approx. 2 kg/dm³.

Packaging:

3 kg kit:

- 2.88 kg drum (comp. A);

- 0.12 kg canister (comp. B).



Planigrout 300

Three-component fluid epoxy mortar for anchorage work.



TECHNICAL DATA:

Maximum dimension of aggregate: 2 mm.

Mixing ratio:

comp. A : comp. B : comp. C = 16 : 6 : 100.

Pot life of mix: 1 hour (at 23°C).

Maximum applicable thickness: 5 cm per layer.

Classification: EN 1504-6.

Storage: 12 months.

Application: pouring.

Consumption: 2 kg/m² per mm of thickness.

Packaging:

12.2 kg kits:

- 1.6 kg drums (comp. A);

- 0.6 kg drums (comp. B);

- 10 kg bags (comp. C).

36.6 kg units:

- 4.8 kg drums (comp. A);

- 1.8 kg drums (comp. B);

- 30 kg bags (comp. C).



Planigrout 310

Three-component free-flowing high-strength rapid-hardening epoxy mortar applied in layers up to 10 cm thick for anchoring and grouting structures.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.

Mixing ratio: comp. A : comp. B : comp. C = 10.5 : 1.6 : 84 by weight.

Pot life of mix: approx. 30 minutes (at +23°C).

Maximum applicable thickness: 10 cm per layer.

Storage: 24 months.

Application: by pouring.

Consumption: approx. 2.2 kg/l of cavities to be filled.

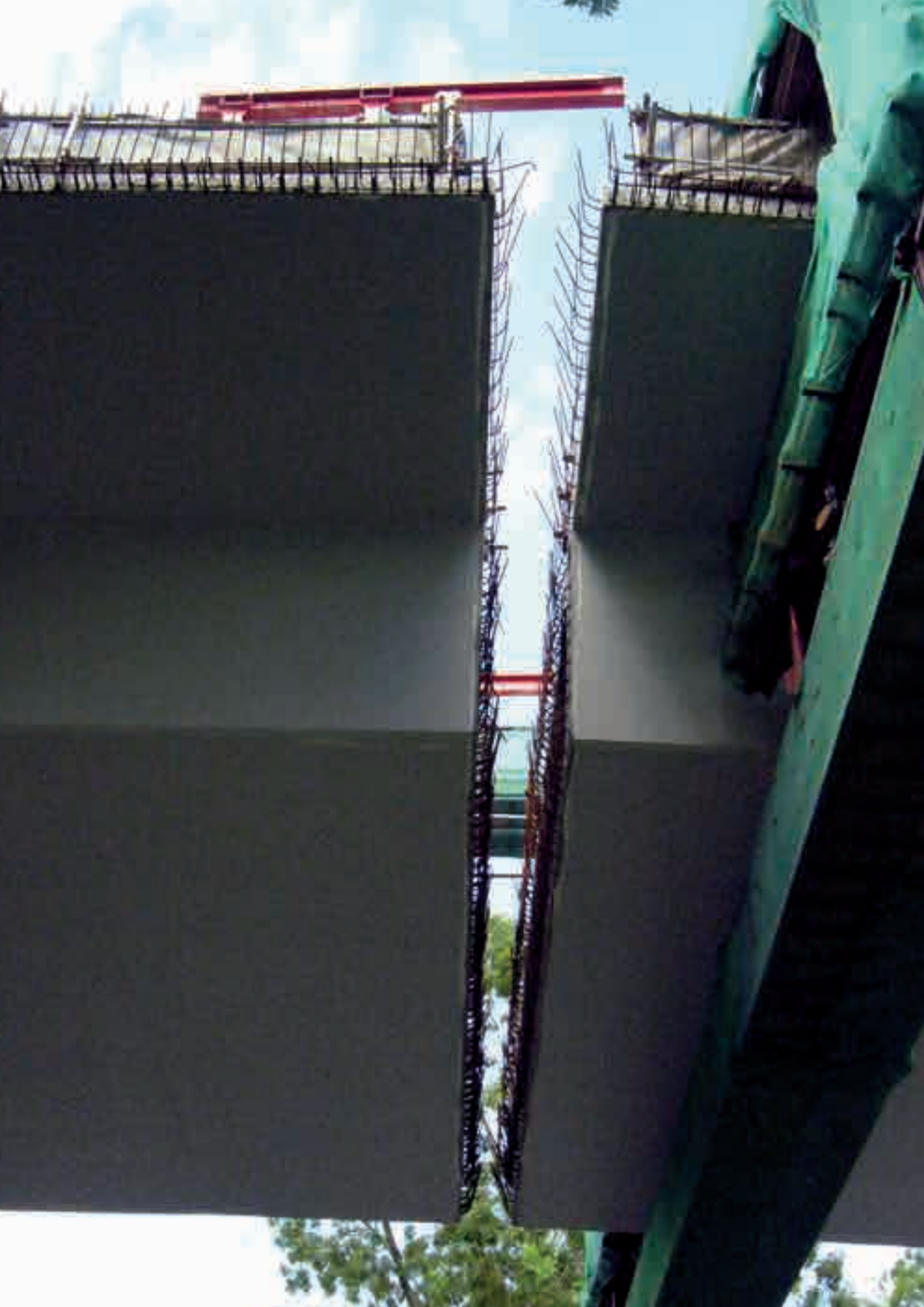
Packaging:

96.1 kg kit:

– 10.5 kg drums (comp. A);

– 1.6 kg canister (comp. B);

– 84 kg vacuum-packed polyethylene bags (four 21 kg bags).



**PRODUCTS FOR STRUCTURAL
BONDING, SCREED REPAIRING AND
INJECTING INTO CRACKED CONCRETE**



Adesilex PG1

Two-component, rapid-setting thixotropic adhesive for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 35 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 2 kg kits:
 - 1.5 kg drums (comp. A);
 - 0.5 kg drums (comp. B).
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



Adesilex PG1 Rapid

Two-component, rapid-setting thixotropic adhesive for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 10 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



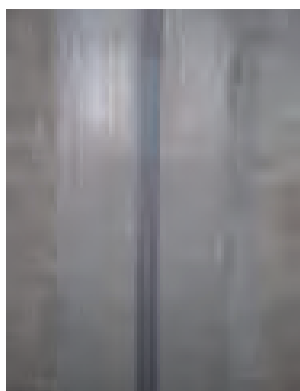
Adesilex PG2

Two-component thixotropic epoxy adhesive with long workability time for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 50 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



Adesilex PG4

Two-component, thixotropic epoxy adhesive with modified rheology for bonding MAPEBAND, MAPEBAND TPE, PVC strips and Hypalon and for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 70 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.60-1.65 kg/m² per mm of thickness.
Packaging:
 2 kg kits:
 - 1.5 kg drums (comp. A);
 - 0.5 kg drums (comp. B).
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).
 30 kg kits:
 - 22.5 kg drums (comp. A);
 - 7.5 kg drums (comp. B).



Epojet

Two-component, super-fluid epoxy resin for injections and anchorings.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Pot life of mix: 40 minutes (at +23°C).

Classification: EN 1504-5 and EN 1504-6.

Storage: 24 months.

Application: injection or pouring.

Consumption:

- sealing cracks: 1.1 kg/l of cavities to be filled;
- bonding concrete to steel: 1.1 kg/m² per mm of thickness.

Packaging:

- 2.5 kg kits:
 - 2 kg drums (comp. A);
 - 0.5 kg bottles (comp. B).

4 kg kits:

- 3.2 kg drums (comp. A);
- 0.8 kg bottles (comp. B).



Epojet LV

Two-component epoxy resin with a very low viscosity for injecting into micro-cracks, also on wet surfaces.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Pot life of mix: 35 minutes (at +23°C).

Classification: EN 1504-5.

Storage: 24 months.

Application: injection or pouring.

Consumption:

- sealing cracks: 1.1 kg/l of cavities to be filled;
- bonding concrete to steel: 1.1 kg/m² per mm of thickness.

Packaging:

- 2.5 kg kits:
 - 2 kg drums (comp. A);
 - 0.5 kg bottles (comp. B).



Eporip

Two-component, solvent-free, epoxy adhesive for construction joints and monolithic sealing of cracked screeds.



TECHNICAL DATA:

Consistency: comp. A: fluid paste; comp. B: fluid paste.

Colours: comp. A: black; comp. B: white.

Mixing ratio: comp. A : comp. B = 3 : 1.

Setting time: 24 hours.

Workability time: 60 minutes (at +23°C).

Open time: 5 hours (at +10°C).

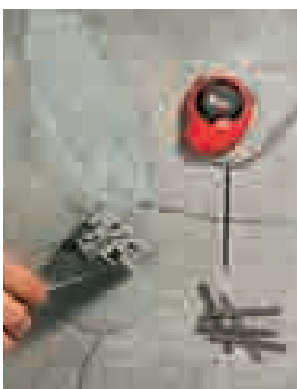
Storage: 24 months.

Application: brush, trowel or by pouring.

Consumption: for bonding 1.35 kg/dm³.

Packaging:

- 10 kg kits:
 - (7.5 kg of component A, 2.5 kg of component B).
- 2 kg kits:
 - (1.5 kg of component A, 0.5 kg of component B).



Eporip Turbo

Two-component, quick-hardening polyester resin for sealing of cracked screeds and for little repair works.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 500 : 8.

Pot life of mix: 7 minutes (at +23°C).

Storage: 12 months.

Application: brush or pouring.

Consumption: 1.7 kg/l of cavities to be filled.

Packaging:

- boxes of 6x508 g kits:
 - 500 g metal drums (comp. A);
 - 8 g tubes (comp. B).



PRODUCTS FOR GALVANIC CATHODIC PROTECTION

22. PRODUCTS FOR GALVANIC CATHODIC PROTECTION



Mapeshield E 25

Adhesive zinc plates applied directly on the surface of structures for galvanic cathodic protection against the corrosion of steel reinforcement rods.

TECHNICAL DATA:

Thickness of plate: 0.25 mm.

Height: 25 cm.

Weight: 3.15 kg/m² ± 5%.

Storage: 12 months.

Application: external surfaces of concrete.

Consumption: according to the density of steel reinforcement.

Packaging: wooden boxes with 1 25 m x 25 cm wide rolls.



Mapeshield I

Pure zinc anodes coated with a special conductive paste, for galvanic cathodic protection against corrosion of steel reinforcement in new structures and in structures requiring repair.

TECHNICAL DATA:

	10/10	10/20
Mapeshield I 10		
External surface:	100 x 50 mm ± 10%	100 x 50 mm ± 10%
Height:	12 mm ± 10%	15 mm ± 10%
Weight:	230 g ± 10%	320 g ± 10%
Storage:	12 months.	
Application:	directly on steel reinforcement.	
Consumption:	according to the density of steel reinforcement.	
Packaging:	boxes of 24 pieces.	
Mapeshield I 30		
External surface:	300 x 50 mm ± 5%	300 x 50 mm ± 5%
Height:	10 mm ± 10%	12 mm ± 10%
Weight:	450 g ± 10%	570 g ± 10%
Storage:	12 months.	
Application:	directly on steel reinforcement.	
Consumption:	according to the density of steel reinforcement.	
Packaging:	boxes of 12 pieces.	



Mapeshield S

Zinc plate with adhesive backing for galvanic cathodic protection against the corrosion of steel structures exposed to atmospheric conditions.

TECHNICAL DATA:

Thickness of plate: 0.80 mm.

Height:

– MAPESHIELD S 100: 10 cm;

– MAPESHIELD S 200: 20 cm;

– MAPESHIELD S 300: 30 cm.

Weight: 0.70 kg/m² ± 5%.

Storage: 12 months.

Application: on the surface of metal structures.

Packaging:

– MAPESHIELD S 100: boxes containing 5 10 cm x 50 m rolls;

– MAPESHIELD S 200: boxes containing 3 20 cm x 50 m rolls;

– MAPESHIELD S 300: boxes containing 2 30 cm x 50 m rolls.





COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



Adesilex PG1

Two-component, rapid-setting thixotropic adhesive for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 35 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 2 kg kits:
 - 1.5 kg drums (comp. A);
 - 0.5 kg drums (comp. B).

 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



Adesilex PG1 Rapid

Two-component, rapid-setting thixotropic epoxy adhesive for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 10 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



Adesilex PG2

Two-component thixotropic epoxy adhesive with long workability time for structural bonds.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Pot life of mix: 50 minutes (at +23°C).
Minimum applicable thickness: 1-2 mm.
Maximum applicable thickness: 1 cm per layer.
Classification: EN 1504-4.
Storage: 24 months.
Application: trowel.
Consumption: 1.65-1.75 kg/m² per mm of thickness.
Packaging:
 6 kg kits:
 - 4.5 kg drums (comp. A);
 - 1.5 kg drums (comp. B).



Carboplate

Pultruded carbon fibre plate with a protective plastic film on both faces.

TECHNICAL DATA:

Modulus of elasticity: ≥ 160 - ≥ 190 - ≥ 250.
Fibre content: 68% - 68% - 68%.
Thickness: 1.4 mm.
Width: 50, 100 and 150 mm.
Resistant section: 70, 140 and 210 mm².
Tensile strength (MPa): ≥ 2700 - ≥ 3100 - ≥ 2400.
Elongation at failure: 1.6% - 1.6% - 0.95%.
Packaging: 25 m rolls.



Carbotube

Pultruded carbon fibre tube preformed with epoxy resin with a protective plastic film for reinforced stitching in masonry.

TECHNICAL DATA:

Tensile modulus of elasticity: 170,000 N/mm².
Content of fibre by weight: 68%.
Tensile strength: 3,100 N/mm².
Outside diameter: 10 mm.
Inside diameter: 8 mm.
Elongation at failure: 1.6%.
Packaging: boxes of 10x2 m rolls.



Epojet

Two-component, super-fluid epoxy resin for injections and anchorings.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.
Pot life of mix: 40 minutes (at +23°C).
Classification: EN 1504-5 and EN 1504-6.
Storage: 24 months.
Application: injection or pouring.
Consumption:
– sealing cracks: 1.1 kg/l of cavities to be filled;
– bonding concrete to steel: 1.1 kg/m² per mm of thickness.
Packaging:
2.5 kg kits:
– 2 kg drums (comp. A);
– 0.5 kg bottles (comp. B).
4 kg kits:
– 3.2 kg drums (comp. A);
– 0.8 kg bottles (comp. B).

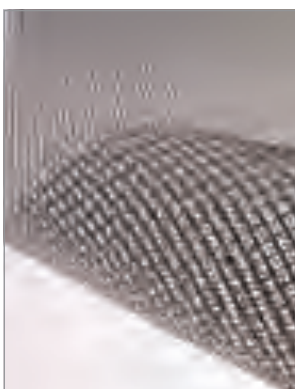


Injectors Ø 23

Plastic injectors with a non-return valve for injecting epoxy resin.

TECHNICAL DATA:

Outside diameter: 23 mm.
Length: 80 mm.
Diameter of injection hole: 5 mm.

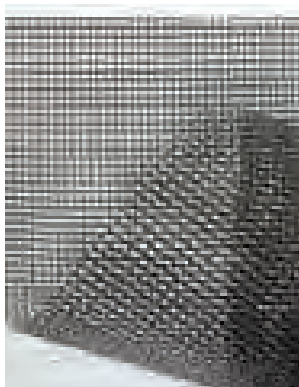


Mapegrid B 250

Alkali-resistant, primed basalt-fibre mesh for structural “reinforced” strengthening of stone masonry, brick, tuff and concrete surfaces.

TECHNICAL DATA:

Type of fibre: basalt fibre.
Weight: 250 g/m².
Mesh size: 6 x 6 mm.
Tensile strength: 60 kN/m.
Elongation at failure: 1.8%.
Packaging: 1 m x 50 m rolls.



Mapegrid B 300

Pre-primed alkali-resistant basalt fibre mesh for structural “reinforced” strengthening of concrete and masonry structures.

TECHNICAL DATA:

Type of fibre: basalt fibre.
Weight: 300 g/m².
Mesh size: 8x8 mm.
Tensile strength: 80 kN/m.
Elongation at failure: 1.8%.
Packaging: 1 m x 50 m rolls.

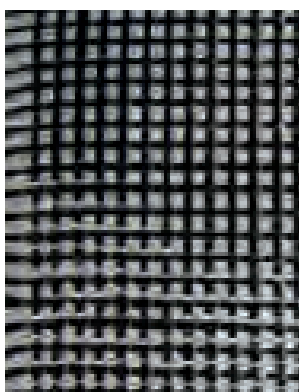


Mapegrid B 400

Pre-primed alkali-resistant basalt fibre mesh for structural “reinforced” strengthening of masonry structures made of stone, brick, tuff and concrete.

TECHNICAL DATA:

Type of fibre: basalt fibre.
Weight: 400 g/m².
Mesh size: 7x7 mm.
Tensile strength: ≥ 3100 MPa.
Elongation at failure: ≥ 3.5%.
Packaging: 1 m x 50 m rolls.

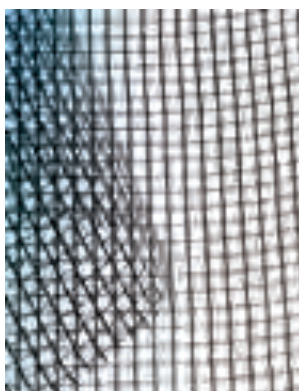


Mapegrid C 170

High-strength carbon fibre mesh for “reinforced” structural strengthening work on masonry structures made of stone, brick, tuff and concrete.

TECHNICAL DATA:

Type of fibre: high-strength carbon.
Weight: ≥170 g/m².
Mesh size: 10x10 mm.
Tensile strength: >240 kN/m.
Elongation at failure: 2%.
Packaging: 50 m long by 1 m wide rolls.

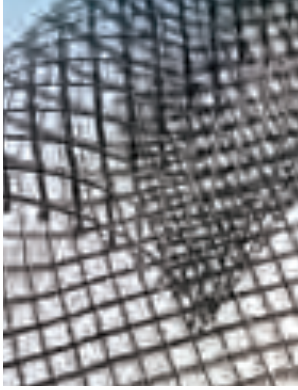


Mapegrid G 120

Pre-primed, alkali-resistant (A.R.) glass fibre mesh, for localised reinforced “strengthening” of masonry substrates made of stone, brick, tuff and concrete.

TECHNICAL DATA:

Type of fibre: A.R. type glass fibre
Weight: 125 g/m².
Mesh size: 12.7 x 12.7 mm.
Tensile strength: 30 kN/m.
Elongation at failure: 1.8%.
Packaging: 25 m x 45 cm rolls and 50 m x 1 m rolls.



Mapegrid G 220

Alkali-resistant, pre-primed glass fibre mesh for structural “reinforced” strengthening of stone, brick and tuff and mixed masonry structures.

TECHNICAL DATA:

Type of fibre: A.R. type glass fibre.
Weight: 225 g/m².
Mesh size: 25 x 25 mm.
Tensile strength: 45 kN/m.
Elongation at failure: < 1.8%.
Packaging: 45.70 m x 90 cm rolls.



Mapei Steel Bar 304

Ultra high-strength helical bars in AISI 304 stainless steel for reinforced pointing on masonry structures.

TECHNICAL DATA:

Type of steel: ultra high-strength AISI 304 steel.
Diameter: 6 mm.
Packaging: 10 m rolls.

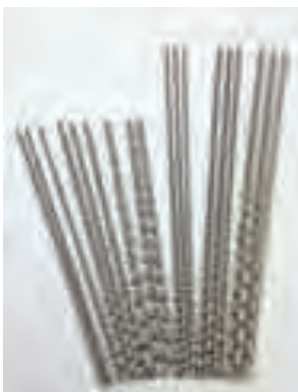


Mapei Steel Bar 316

Ultra high-strength helical bars in AISI 316 stainless steel for reinforced pointing on masonry structures.

TECHNICAL DATA:

Type of steel: ultra high-strength AISI 316 steel.
Diameter: 6 mm.
Packaging: 10 m rolls.



Mapei Steel Dry 316

Ultra high-strength “dry-applied” helical AISI 316 stainless steel bars for strengthening reinforced concrete, masonry and wooden structural members. Available in 6, 8 and 10 mm diameter. Available upon request in AISI 304 stainless steel.



TECHNICAL DATA:

Type of steel: ultra high-strength AISI 316 steel.
Diameter: 6, 8 and 10 mm.
Length:
– Ø 6 mm: lengths of 40, 60 and 100 cm;
– Ø 8 mm: lengths of 40, 60, 80 and 100 cm;
– Ø 10 mm: lengths of 40, 60 and 80 cm.
Packaging: boxes of 50 pieces (40 and 60 cm lengths); tubes of 50 pieces (80 and 100 cm lengths).



Mapenet EM 30

Pre-impregnated alkali-resistant A.R. glass fibre mesh (FRP) used to make “reinforced” structural render on concrete and masonry structures.

TECHNICAL DATA:

Type of fibre: A.R. type glass fibre.
Weight: 420 g/m².
Mesh size: 30 x 30 mm.
Section of single bar: 2.37 mm².
Bars/metre: 33.
Tensile strength of single bar: 3.20 kN.
Tensile modulus of elasticity: 33,000 N/mm².
Packaging: 1 m x 25 m rolls.



Mapenet EM 40

Pre-impregnated alkali-resistant A.R. glass fibre mesh (FRP) used to make “reinforced” structural render on concrete and masonry structures.

TECHNICAL DATA:

Type of fibre: A.R. type glass fibre.
Weight: 270 g/m².
Mesh size: 40 x 40 mm.
Section of single bar: 1.518 mm².
Bars/metre: 25.
Tensile strength of single bar: 2.25 kN.
Tensile modulus of elasticity: 33,000 N/mm².
Packaging: 1 m x 50 m rolls.



Mapenet EM Connector

Pre-formed “L” shaped fasteners made from alkali-resistant glass fibre and thermo-setting vinyl ester-epoxy resin available in different lengths (20, 50, 70 cm).

TECHNICAL DATA:

Type of fibre: alkali-resistant glass fibre.
Equivalent diameter of bar: 7 mm.
Tensile strength: 32 kN.
Tensile modulus of elasticity: 35,000 N/mm².
Packaging: boxes of 100 pcs.



Maperod C

High tensile pultruded carbon fibre rebars pre-formed with epoxy resin for structural strengthening of damaged concrete, wooden and masonry elements.

TECHNICAL DATA:

Modulus of elasticity: 155,000 N/mm².
Fibre content: 71%.
Transversal section: 73.9 mm².
Tensile strength: 2,000 N/mm².
Single shear strength: 75 N/mm².
Nominal diameter: 9.7 mm.
Packaging: boxes of 10x2 m rolls.



Maperod G

Pultruded glass fibre rebar pre-formed with epoxy-modified vinylester resin for structural reinforcement of damaged reinforced concrete, brick, stone and tuff elements.

TECHNICAL DATA:

Tensile modulus of elasticity: 40,800 N/mm².

Fibre content: 75%.

Transversal section: 71.26 mm².

Tensile strength: 760 N/mm².

Nominal diameter: 9.53 mm.

Shear strength: 152 N/mm².

Packaging: boxes of 10x6 m rolls.



MapeWrap 11

Two-component, normal-setting, thixotropic epoxy grout for evening out concrete surfaces and for structural bonding.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.

Workability time: 35 minutes (at +23°C).

Bond strength to concrete: > 3 N/mm² (after 7 days at +23°C - failure of substrate).

Classification: EN 1504-4.

Application: trowel.

Consumption: 1.55 kg/m² per mm of thickness.

Packaging:

6 kg kits:

- 4.5 kg drums (comp. A);

- 1.5 kg drums (comp. B).



MapeWrap 12

Two-component, slow-setting, thixotropic epoxy grout for evening out concrete surfaces and for structural bonding.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.

Workability time: 50 minutes (at +23°C).

Bond strength to concrete: > 3 N/mm² (after 7 days at +23°C - failure of substrate).

Classification: EN 1504-4.

Application: trowel.

Consumption: 1.55 kg/m² per mm of thickness.

Packaging:

6 kg kits:

- 4.5 kg drums (comp. A);

- 1.5 kg drums (comp. B).



MapeWrap 21

Two-component, super-fluid epoxy resin for impregnating MAPEWRAP using the "damp system".



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Workability time: 40 minutes (at +23°C).

Bond strength to concrete: > 3 N/mm² (after 7 days at +23°C - failure of substrate).

Brookfield Viscosity: 300 mPa·s (rotor 1 - 10 revs).

Classification: EN 1504-4.

Consumption: according to the type and width of the fabric.

Packaging:

5 kg kits:

- 4 kg drums (comp. A);

- 1 kg drums (comp. B).



MapeWrap 31

Two-component, medium-viscosity epoxy adhesive for impregnating MAPEWRAP using the “dry system”.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Workability time: 40 minutes (at +23°C).

Bond strength to concrete: > 3 N/mm² (after 7 days at +23°C - failure of substrate).

Brookfield Viscosity: 6,500 mPa·s (rotor 3 - 10 revs).

Classification: EN 1504-4.

Consumption: according to the type and width of the fabric.

Packaging:

5 kg kits:

– 4 kg drums (comp. A);

– 1 kg drums (comp. B).



MapeWrap 31 T

Thixotropic epoxy adhesive for impregnating MAPEWRAP fabrics using the “dry system”.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 4 : 1.

Workability time: 50 minutes (at +23°C).

Adhesion to concrete: > 3 N/mm² (after 7 days at +23°C - failure of concrete).

Brookfield viscosity: 70,000 mPa·s (rotor 6 - 10 revs).

Consumption: according to the type and width of the fabric.

Packaging:

5 kg kits:

– 4 kg drums (comp. A);

– 1 kg drums (comp. B).



MapeWrap B FIOCCO

Unidirectional high strength basalt fibre cord to be impregnated with MAPEWRAP 21 (two-component super-fluid epoxy resin) to make “structural connections”.

TECHNICAL DATA:

Type of fibre: high-strength basalt.

Diameters available: 10, 12 mm.

Equivalent surface of dry fabric:

– diam. 10 mm 24.27 mm²;

– diam. 12 mm 28.76 mm².

Modulus of elasticity: 87,000 N/mm².

Tensile strength: 3,101 N/mm².

Elongation at failure: 3.15%.

Packaging: 10 m rolls.



MapeWrap B UNI-AX

Unidirectional, high strength basalt fibre fabric.

TECHNICAL DATA:

Weight: 400-600 g/m².

Equivalent thickness of dry fabric: 0.143-0.215 mm.

Tensile strength: 4.840 N/mm².

Tensile modulus of elasticity: 89 GPa.

Width: 40 cm.

Elongation at failure: 3.15%.

Packaging: 50 m rolls.



MapeWrap C BI-AX

Balanced, high-strength, bi-directional carbon fibre fabric.

TECHNICAL DATA:

Weight: 230-360 g/m².
Equivalent thickness of dry fabric: 0.064-0.10 mm.
Tensile strength: > 4.800 MPa.
Tensile modulus of elasticity: 230 GPa.
Width: 20-40 cm.
Elongation at failure: 2.1%.
Packaging: 50 m rolls.



Mapewrap C Connector

20/15/6 mm - 20/15/8 mm - 20/15/10 mm

Pultruded carbon fibre connector for anchoring with one end to be impregnated with MAPEWRAP 21
Length of the pre-formed bar: 20 cm, length of the open end: 15 cm. Available with 6, 8 and 10 mm diameter.

Glass fiber version available upon request.

TECHNICAL DATA:

Type of fibre: high-strength carbon.
Diameters available: 6, 8, 10 mm.
Nominal area:
diameter 6 mm 28, 30 mm²;
diameter 8 mm 50, 30 mm²;
diameter 10 mm 78, 50 mm²;
Modulus of elasticity: 150,000 N/mm² ± 5%.
Tensile strength: ≥2,100 N/mm².
Elongation at failure: 1.5%.
Packaging: 50 pcs box.

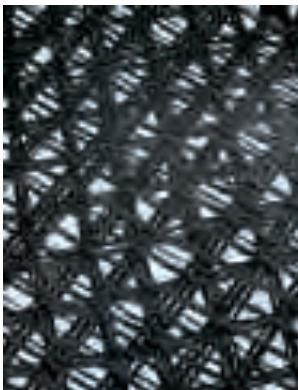


MapeWrap C FIOCCO

High-strength carbon fibre cord to be impregnated with MAPEWRAP 21 (two-component, super-fluid epoxy resin) to make "structural connections".

TECHNICAL DATA:

Type of fibre: high-strength carbon.
Diameters available: 6, 8, 10 and 12 mm.
Equivalent surface area of dry fabric:
diam. 6 mm 15.70 mm²;
diam. 8 mm 21.24 mm²;
diam.10 mm 26.79 mm²;
diam.12 mm 31.40 mm²;
Modulus of elasticity: 230,000 N/mm².
Tensile strength: 4,830 N/mm².
Elongation at failure: 1.8%.
Packaging: 10 m rolls.

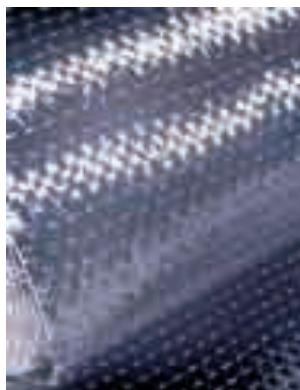


MapeWrap C QUADRI-AX

Balanced, high-strength, quadri-directional carbon fibre fabric.

TECHNICAL DATA:

Weight: 380 g/m².
Equivalent thickness of dry fabric: 0.053 mm.
Tensile strength: > 4.800 MPa.
Tensile modulus of elasticity: 230 GPa.
Width: 30-48.5 cm.
Elongation at failure: 2.1%.
Packaging: 50 m rolls.



MapeWrap C UNI-AX

High-strength, unidirectional carbon fibre fabric with a high modulus of elasticity.



TECHNICAL DATA:

Weight: 300-600 g/m².
Equivalent thickness of dry fabric: 0.164-0.331 mm.
Tensile strength: ≥ 4,900 N/mm².
Tensile modulus of elasticity: 252,000 ± 2% N/mm².
Elongation at failure: ≥ 2%.
Width: 10 - 20 - 40 cm.
Packaging: 50 m rolls.



MapeWrap C UNI-AX HM

High-strength unidirectional carbon fibre fabric with very high modulus of elasticity.

TECHNICAL DATA:

Weight: 300-600 g/m².
Equivalent thickness of dry fabric: 0.164-0.329 mm.
Tensile strength: 4,410 N/mm².
Tensile modulus of elasticity: 390,000 N/mm².
Elongation at failure: 1.1%.
Width: 10 - 20 - 40 cm.
Packaging: 50 m rolls.



MapeWrap EQ Adhesive

One-component, ready-to-use, polyurethane-based adhesive in watery dispersion with very low emission level of volatile organic compounds (VOC) for impregnating MAPEWRAP EQ NET bi-directional, primed glass fibre fabric.



TECHNICAL DATA:

Consistency: gel.
Colour: milky white.
Storage: 12 months (protect from frost).
Final hardening time: 24 hours.
EMICODE: EC1 Plus - very low emission.
Consumption: 0.5-0.6 kg/m².
Packaging: 6 kg drums.



MapeWrap EQ Net

Bi-directional, primed glass fibre fabric to protect secondary partition walls in buildings from seismic activity and to prevent brick-cement floors collapsing.

TECHNICAL DATA:

Type of fibre: type E glass fibre.
Weight: 286 g/m².
Equivalent thickness of dry fabric: 0.057 mm².
Tensile strength: > 1620 N/mm².
Tensile modulus of elasticity: 42 GPa.
Width: 100 cm.
Elongation at failure: 4%.
Packaging: 50 m rolls.

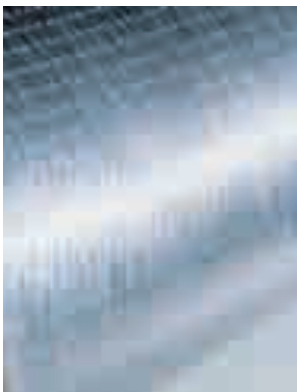


MAPEWRAP G FIOCCO

High-strength glass fibre cord to be impregnated with MAPEWRAP 21 (two-component, super-fluid epoxy resin) to make "structural connections".

TECHNICAL DATA:

Type of fibre: E type glass.
Diameters available: 6, 8, 10 and 12 mm.
Equivalent surface area of dry fabric:
diam. 6 mm 16.34 mm²;
diam. 8 mm 21.45 mm²;
diam. 10 mm 27.58 mm²;
diam. 12 mm 32.69 mm².
Modulus of elasticity: 80,700 N/mm².
Tensile strength: 2,560 N/mm².
Elongation at failure: > 3%.
Packaging: 10 m rolls.



MAPEWRAP G UNI-AX

Unidirectional, high strength glass fibre fabric.

TECHNICAL DATA:

Type of fibre: E type glass.
Weight: 900 g/m².
Equivalent thickness of dry fabric: 0.48 mm.
Tensile strength: 2,560 N/mm².
Tensile modulus of elasticity: 80.7 GPa.
Elongation at failure: 3-4%.
Width: 30-60 cm.
Packaging: 50 m rolls.



MAPEWRAP PRIMER 1

Two-component epoxy primer specifically formulated for the MAPEWRAP system.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 3 : 1.
Workability time: 90 minutes (at +23°C).
Bond strength to concrete: > 3 N/mm² (after 7 days at +23°C - failure of substrate).
Brookfield Viscosity: 300 mPa·s (rotor 1 - 10 revs).
Consumption: 250-300 g/m².
Packaging:
2 kg kits:
- 1.5 kg drums (comp. A);
- 0.5 kg drums (comp. B).



MAPEWRAP S Fabric 650

High-strength uni-directional galvanized steel fibre fabric for structural strengthening.

TECHNICAL DATA:

Type of fibre: galvanized steel fibres.
Weight (metallic fibres only): 650 g/m².
Load-resistant area per unit of width: 97.405 mm²/m.
Tensile strength: > 2,580 N/mm².
Tensile modulus of elasticity: 200,000 N/mm².
Elongation at failure: 1.29%.
Width: 30 cm.
Packaging: 50 m rolls.

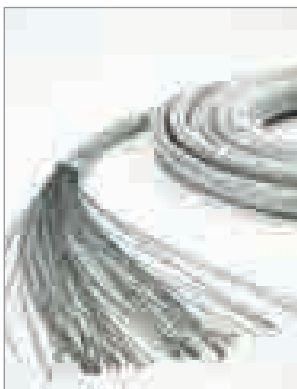


MapeWrap S Fabric 2000

Unidirectional, high-strength galvanized steel fibre fabric for structural strengthening.

TECHNICAL DATA:

Type of fibre: galvanized steel fibre.
Weight (metallic fibres only): 2000 g/m².
Load-resistant area per unit of width: 266 mm²/m.
Tensile strength: > 2.580 N/mm².
Tensile modulus of elasticity: 200,000 N/mm².
Elongation at failure: > 1.29%.
Width: 30 cm.
Packaging: 25 m rolls.



MapeWrap SG FIOCCO

High-strength galvanized steel fibre cord for structural strengthening.

TECHNICAL DATA:

Type of fibre: galvanized steel.
Diameters available: 10 mm.
Resistant section of connector: 19.415 mm².
Modulus of elasticity: > 200,000 N/mm².
Tensile strength: > 2,400 N/mm².
Elongation at failure: > 1.6%.
Packaging: 10 m rolls.



Planitop HDM Maxi

Two-component ready-mixed, high ductility pozzolan-reaction, fibre-reinforced mortar for structural "reinforced" strengthening work, when used in combination with mesh from the MAPEGRID line, and for smoothing and levelling concrete and masonry.



TECHNICAL DATA:

Maximum dimension of aggregate: 1 mm.
Mixing ratio: 4 parts of PLANITOP HDM MAXI comp. A with 1 part of PLANITOP HDM MAXI comp. B.
Pot life of mix: approximately 1 hour (at +20°C).
Maximum applicable thickness: 25 mm.
Classification: EN 1504-3 - class R2 non-structural mortar and EN 998-2 - type G mortars, class M25.
Storage: 12 months (comp. A); 24 months (comp. B).
Application: gauging trowel, trowel or rendering machine.
Consumption: approximately 1.85 kg/m² per mm of thickness.
Packaging:
 31.25 kg kits:
 - 25 kg vacuum-packed polyethylene bags (comp. A);
 - 6.25 kg drums (comp. B).



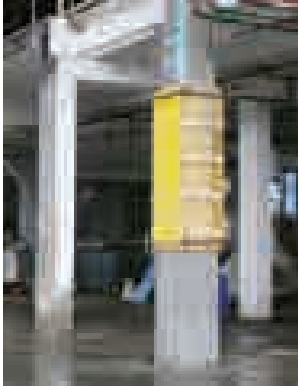
Planitop HDM Restauro

Two-component, pre-blended, high-ductility, fibre-reinforced, cement-free hydraulic lime (NHL) and **ECO-POZZOLAN**-based light-coloured mortar, particularly recommended for "reinforced" structural strengthening of masonry substrates in combination with the MAPEGRID meshes and for evening out stone, brickwork and tuff substrates.



TECHNICAL DATA:

Maximum dimension of aggregate: 1.5 mm.
Mixing ratio: 1 25 kg comp. A with 1 drums of comp. B.
Pot life of mix: approximately 1 hour (at +20°C).
Thickness applied: from 3 to 10 mm per layer.
Classification: EN 998-1 - type GP mortar, category CS IV and EN 998-2 - type G mortar, class M15.
Storage: 12 months (comp. A); 24 months (comp. B).
Application: gauging trowel, trowel or rendering machine.
Consumption: approximately 1.9 kg/m² per mm of thickness.
Packaging:
 30 kg kits:
 - 25 kg bags (comp. A);
 - 5 kg drums (comp. B).



Planitop HPC

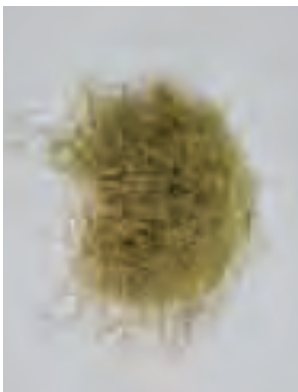
Two-component ultra high performance shrinkage-compensated free-flowing high ductility fibre-reinforced cementitious mortar with stiff steel fibres for restoring and repairing concrete.

N.B.: PLANITOP HPC is sold with FIBRES HPC (1.625 kg of FIBRES HPC per 25 kg bag of PLANITOP HPC).



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of PLANITOP HPC with 6.5 parts of FIBRES HPC and 12-13 parts of water.
Pot life of mix: approximately 1 h (at +20°C).
Minimum applicable thickness: 1.5 cm.
Maximum applicable thickness: 5 cm per layer.
Classification: EN 1504-3 class R4 structural mortar and EN 1504-6.
Application: pouring into formwork.
Consumption: approx. 20 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyester bag.

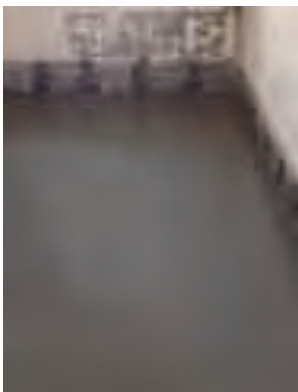


Fibres HPC

Stiff steel fibres used in combination with PLANITOP HPC mortar.

TECHNICAL DATA:

Consumption: 1.625 kg per 25 kg bag of PLANITOP HPC.
Packaging: 6.5 kg box.



Planitop HPC Floor

One-component, ultra-high strength, highly ductile, highly fluid, fibre-reinforced with steel fibres, compensated shrinkage cementitious mortar for strengthening the external face of floor slabs.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.
Mixing ratio: 100 parts of PLANITOP HPC FLOOR with 11.5-12.5 parts of water.
Pot life of mix: approx. 1h (at +20°C).
Minimum thickness: 1 cm.
Maximum thickness: 4 cm.
Classification: EN 1504-3 category R4 structural mortar and EN 1504-6.
Application: pouring/casting.
Consumption: approx. 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum packed polyester bags.



Planitop HPC Floor 46

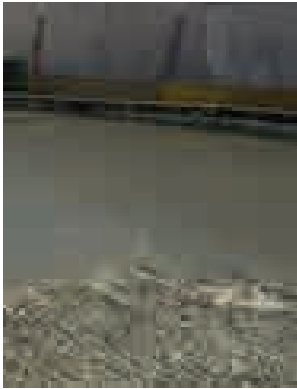
Ultra-high performance, high ductility, free-flowing cementitious mortar reinforced with steel fibres.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.
Mixing ratio: 100 parts of PLANITOP HPC FLOOR 46 with 9.5-10 parts of water.
Pot life of mix: approx. 45 mins. (at +20°C).
Minimum applicable thickness: 45 cm.
Classification: EN 1504-3 class R4 structural mortar.
Application: pouring.
Consumption: approx. 22 kg/m² per mm of thickness.
Packaging: 25 kg vacuum-packed polyester bags and 1000 kg big bags.

23. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



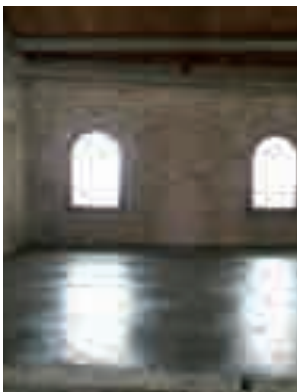
Planitop HPC Floor 46 T **NEW**

Ultra-high performance, high ductility, semi-fluid cementitious mortar reinforced with steel fibres.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.
Mixing ratio: 100 parts of PLANITOP HPC FLOOR 46 T with 9.2-9.7 parts of water.
Pot life of mix: approx. 45 mins. (at +20°C).
Minimum applicable thickness: 45 cm.
Classification: EN 1504-3 class R4 structural mortar.
Application: pouring.
Consumption: approx. 22.5 kg/m² per mm of thickness.
Packaging: 25 kg vacuum-packed polyester bags and 1000 kg big bags.



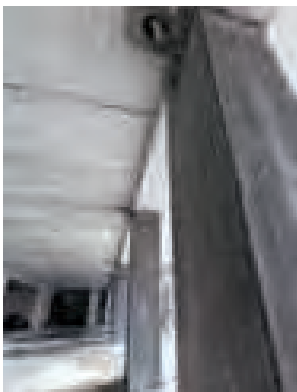
Planitop HPC Floor T

One-component, very high performance, high ductility, reinforced with steel fibres, compensated-shrinkage, semi-fluid cementitious mortar for strengthening the underside of floors. Particularly suitable for warped wooden floors.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.
Mixing ratio: 100 parts of PLANITOP HPC FLOOR T with 11.5-12.5 parts of water.
Pot life of mix: approx. 40 mins. (at +20°C).
Minimum applicable thickness: 1 cm.
Maximum applicable thickness: 4 cm.
Classification: EN 1504-3 class R4 structural mortar.
Application: by pouring.
Consumption: approx. 21 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyester bags.



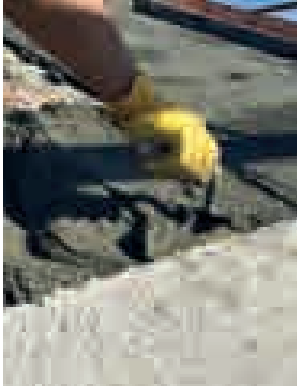
Planitop HPC LV

Ultra high performance self-compacting expanding cementitious mortar.



TECHNICAL DATA:

Maximum size of aggregate: 6 mm.
Mixing ratio: 100 parts of PLANITOP HPC LV with 9-9.4 parts of water.
Pot life of mix: approx. 1 hour (at +20°C).
Minimum applicable thickness: 2 cm.
Maximum applicable thickness: 10 cm per layer.
Classification: EN 1504-3 class R4 structural mortar, EN 1504-6.
Application: pouring into formwork.
Consumption: approx. 22 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyester bags.



Planitop HPC Tixo

Two-component, thixotropic, ultra-high performance, fibre-reinforced cementitious mortar, with a work-hardening effect, with steel fibres for restoring and repairing concrete structures.

N.B.: PLANITOP HPC TIXO is sold with FIBRES HPC (1.625 kg of FIBRES HPC per 25 kg bag of PLANITOP HPC TIXO).



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.

Mixing ratio: 100 parts by weight of component A (powder) with 6.5 parts by weight of component B (FIBRES HPC) (1.625 kg of fibres per 25 kg bag) and 17 parts by weight of water (4.25 l of water per 25 kg bag).

Pot life of mix: approx. 1 h (at +20°C).

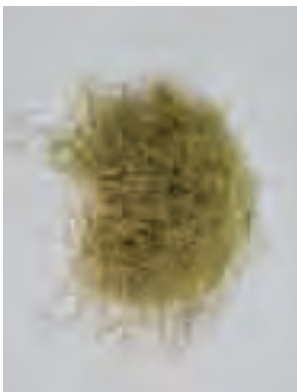
Maximum thickness: 40 mm per coat.

Classification: EN 1504-3 3 as R4 class structural mortar.

Application: with spreader, trowel. No need of formworks in vertical or on ceiling application.

Consumption: approx. 21 kg/m² per cm of thickness.

Packaging: component A (powder) 25 kg vacuum-packed polyethylene bags, component B (Fibres HPC) 6.5 kg box with stiff metal fibres.



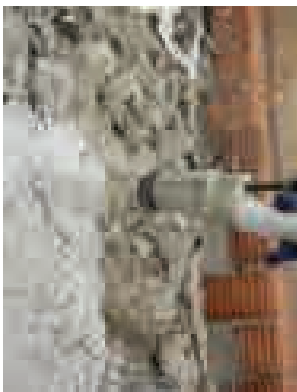
Fibres HPC

Stiff steel fibres used in combination with PLANITOP HPC mortar.

TECHNICAL DATA:

Consumption: 1.625 kg per 25 kg bag of PLANITOP HPC TIXO.

Packaging: 6.5 kg box.



Planitop Intonaco Armato

Two component, ready-mixed, cement-free, high-ductility fibre-reinforced natural hydraulic lime (NHL) and **ECO-POZZOLAN** mortar, containing 30% of recycled raw material, particularly recommended for levelling off the surface of stone, bricks and tuff, and for the structural strengthening of existing facing walls, including when extra strengthening mesh is not applied.



TECHNICAL DATA:

Maximum size of aggregate: 1.5 mm.

Mixing ratio: one 25 kg bag of component A (powder) with one drum of component B (liquid).

Pot life of mix: approx. 1 h (at +20°C).

Thickness applied: approx. 5 mm per coat.

Classification: EN 998-2 as M15 masonry mortar and EN 998-1 as GP type render CS IV category.

Application: with metal spreader or rendering machine.

Consumption: approx. 1.8 kg/m² per mm of thickness.

Packaging: component A (powder) 25 kg vacuum-packed polyethylene bags, component B (liquid) 5 kg drums.



Spindle for Mapei Steel Dry

Special spindle for inserting "MAPEI STEEL DRY AISI 316" spiral rods. Complete with adapter for SDS hammer drill for dry application.

TECHNICAL DATA:

Diameter: 8 mm, 10 mm and 12 mm.

Packaging: box with 1 spindle.



**PRODUCTS FOR
THERMAL INSULATION**



Mapetherm AR1

One-component cementitious mortar for bonding and levelling insulation panels and for thermal insulation systems.

ETA 04/0061
ETA 10/0024
ETA 10/0025



TECHNICAL DATA:

Consistency: powder.
Colour: grey.
Density of the mix (kg/m³): 1,450.
Application temperature range: from +5°C to +35°C.
Mixing ratio: 21-24% with water (by weight).
Cleaning: water.
Storage: 12 months.
Application: trowel.
Consumption (kg/m²):
– 4.0-6.0 kg/m² according to the bonding technique used;
– 1.3-1.5 per mm of thickness when used as smoothing compound (recommended: approx. 4 mm in 2 coats).
Packaging: 25 kg.



Mapetherm AR1 GG

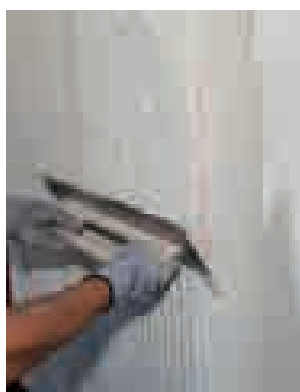
One-component, large-grained cementitious mortar for bonding and levelling insulation panels and for thermal insulation systems.

ETA 10/0024
ETA 10/0025



TECHNICAL DATA:

Consistency: powder.
Colour: grey and white
Density of the mix (kg/m³): 1,400.
Application temperature range: from +5°C to +35°C.
Mixing ratio: 21-24% with water (by weight).
Cleaning: water.
Storage: 12 months.
Application: trowel.
Consumption (kg/m²):
– 4.0-6.0 kg/m² depending on bonding technique;
– 1.35-1.55 kg/m² per mm of thickness when used as smoothing compound (recommended: approx. 4 mm in 2 coats).
Packaging: 25 kg.



Mapetherm AR1 Light

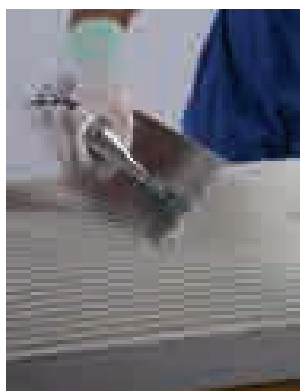
One-component, lightweight, cementitious mortar for bonding and skimming insulating panels and thermal insulation systems.



UltraLite
Technology.

TECHNICAL DATA:

Consistency: powder.
Colour: white.
Density of the mix (kg/m³): 1,300.
Application temperature range: from +5°C to +35°C.
Mixing ratio: 29-31% with water (by weight).
Cleaning: water.
Storage: 12 months.
Application: trowel.
Consumption:
– 3.0-5.0 kg/m² according to the bonding technique used;
– 1.20-1.40 kg/m² per mm of thickness when used for skimming (recommended: approx. 4 mm).
Packaging: 23 kg.



Mapetherm AR1 Maxi **NEW**

One-component cementitious mortar with increased grain size for bonding and smoothing of thermal insulating panels and for external thermal insulation systems.



TECHNICAL DATA:

Consistency: powder.
Colours: white and grey.
Density of mix (kg/m³): 1500.
Application temperature range: from +5°C to +35°C.
Mixing ratio: 24-27% with water by weight.
Cleaning: water.
Storage: 12 months.
Application: trowel.
Consumption:
– 4,0-6,0 kg/m² depending on the bonding technique.
– 1,35-1,55 kg/m² per mm of thickness as smoothing compound (recommended: approx. 4mm in 2 coats).
Packaging: 25 kg



Mapetherm Ba

Aluminium starting profiles with drip channel, available in sizes 4, 5, 6, 8 and 10 cm.

TECHNICAL DATA:

Composition: aluminium.

Colour: grey.

Dimensions m: 2.50.

Packaging: packages of 20 pieces.



Mapetherm Cork

Cork insulating panels for thermal insulation systems.

TECHNICAL DATA:

Composition: expanded cork.

Colour: brown.

Thickness available mm: 40, 50, 60, 80 and 100.

Dimensions of panel mm: 1000 x 500.

Packaging: from 1.5 to 4 m² (according to the thickness).



Mapetherm Driprnose Bead

PVC corner profile with drip channel and 10 cm wide alkali-resistant glass fibre mesh for door and window openings. May be used as a drip channel for balconies and projecting features.

TECHNICAL DATA:

Composition: PVC.

Colour: white.

Dimensions m: 2.50.

Packaging: packs of 20 profiles.



Mapetherm EPS

Extruded sintered polystyrene insulating panels for thermal insulation systems.

ETA 10/0025

TECHNICAL DATA:

Composition: sintered expanded polystyrene.

Colour: white.

Thickness available cm: 4, 5, 6, 8 and 10.

Dimensions of panel cm: 100 x 50.

Packaging: from 3 to 7.5 m² (according to the thickness).



Mapetherm FIX

Stud for fixing insulating panels and composite insulating systems in place, with a plug with a metal/nylon pin and polypropylene body.

ETA 09/0394

TECHNICAL DATA:

Composition: synthetic material with zinc-plated steel nail.

Colour: grey.

Sizes available mm: 108, 128, 148.

Packaging: boxes of 100 pieces.



Mapetherm FIX 9

Polypropylene fastener.

TECHNICAL DATA:

Composition: polypropylene.

Colour: grey.

Sizes available mm: 83.

Packaging: boxes of 500 pieces.



Mapetherm FIX B

Nylon self-tapping studs in zinc/chrome-plated steel.

TECHNICAL DATA:

Composition: nylon and zinc/chrome-plated steel.

Colour: grey.

Sizes available mm: 45.

Packaging: boxes of 100 pieces.



Mapetherm Flex RP

Cement-free, fibre-reinforced, lightweight elastic flexible skimming paste resistant to biological agents for internal and external use.

Available in the following granulometries: 0.5 mm and 1.5 mm.



UltraLite
Technology

FastTrack
Ready

TECHNICAL DATA:

Consistency: paste.

Colour: white or various colours using the ColorMap® automatic colouring system.

Density (g/cm³): approx. 1.45-1.50 (according to grain size).

Application temperature (of the substrate and the air): from +5°C to +35°C.

Cleaning: water.

Storage: 24 months.

Consumption:

- 0.5 mm: 1.9-2.1 kg/m² per 1 mm of thickness;

- 1.5 mm: 4.0-5.0 kg/m² per 1 mm of thickness.

Packaging: 20 kg drums.



Mapetherm M. Wool

High-density, glass wool insulating panels for thermal insulation systems.

ETA 10/0024

TECHNICAL DATA:

Composition: high density glass wool.

Colour: yellow.

Thickness available cm: 4, 5, 6, 8 and 10.

Dimensions of panel cm: 120 x 60.

Packaging: from 2.88 to 7.2 m² (according to the thickness).



Mapetherm Net

Alkali-resistant glass fibre mesh suitable for reinforced skimming layers when repairing façades, or for the execution of MAPETHERM thermal insulation systems.

ETA 10/0024

ETA 10/0025

ETA 04/0061

TECHNICAL DATA:

Composition: 100% glass fibre.

Colour: white.

Mesh size (mm): 4.15 x 3.8.

Weight of primed mesh (g/m²): approx. 150.

Storage: unlimited.

Packaging: 50x1 m rolls.



Mapetherm Profil

Pre-mounted aluminium angle iron incorporated with alkali-resistant glass fibre mesh.

TECHNICAL DATA:

Composition: aluminium.

Colour: grey.

Dimensions m: 2.50.

Packaging: boxes of 50 pieces.



Mapetherm Profil Ba

PVC profile with drip channel and 10 cm wide alkali-resistant glass fibre mesh for MAPETHERM Ba starter profiles.

TECHNICAL DATA:

Composition: PVC.

Colour: white.

Dimensions m: 2.50.

Packaging: packs of 25 profiles.



Mapetherm Profil E

PVC profile with 10 cm wide alkali-resistant glass fibre mesh and a flexible membrane for flat expansion joints.

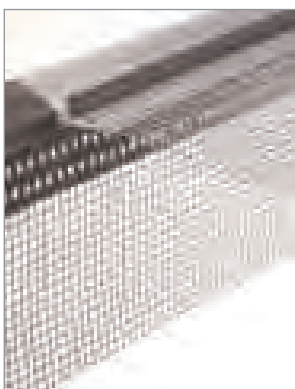
TECHNICAL DATA:

Composition: PVC.

Colour: white.

Dimensions m: 2.50.

Packaging: packs of 25 profiles.



Mapetherm Profil V

PVC profile with 10 cm wide alkali-resistant glass fibre mesh and a flexible membrane for corner expansion joints.

TECHNICAL DATA:

Composition: PVC.

Colour: white.

Dimensions m: 2.50.

Packaging: packs of 25 profiles.



Mapetherm Profil W

Adhesive PVC profile with 10 cm wide alkali-resistant glass fibre mesh and a flexible membrane for the inside edge of window openings.

TECHNICAL DATA:

Composition: PVC.

Colours: white.

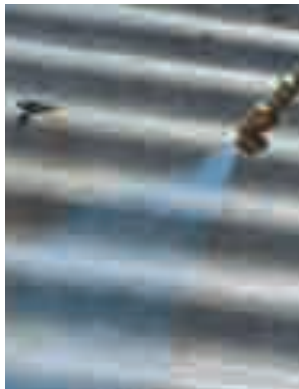
Dimensions m: 2.40.

Packaging: packs of 30 profiles.





PRODUCTS FOR TREATING ASBESTOS CEMENT SLABS



Vinavil 03V

Specially for asbestos

Temporary encapsulation of asbestos-cement panels.

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: red.

Density (EN ISO 2811-1) (g/cm³): approx. 1.08.

Dry solids content (EN ISO 3251) (%): approx. 50.

Dilution rate: ready to use; 25% of water if applied by pump.

Waiting time before applying other products:

1- 2 hours.

Application temperature range: from +5°C to +35°C.

Cleaning: water.

Storage: 24 months.

Application: roller, brush or pump.

Consumption: approx. 0.2-0.3 kg/m².

Packaging: 5, 10 and 25 kg.





WALL PROTECTIVE AND DECORATIVE COATINGS



Antipluviol

High-performance, silicone water-repellent in watery solution for external walls.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.02.
Dry solids content (EN ISO 3251) (%): approx. 5.
Dilution rate: supplied ready to use.
Surface drying time: 1-2 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.2-1 kg/m² (according to the porosity of the substrate).
Packaging: 5 and 25 kg.



Antipluviol S

Ultra high-performance, transparent, siloxane resin water-repellent impregnator.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 0.8.
Active substance content (%): 9.
Dilution rate: supplied ready to use.
Surface drying time: 1 hour.
Application temperature range: from +5°C to +35°C.
Cleaning: solvent (benzene, white spirit, etc.).
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.1-1 kg/m² (according to the porosity of the substrate).
Packaging: 5 and 10 kg.



Antipluviol W

Transparent, silane and siloxane water-repellent impregnator in watery solution.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: milky.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Active substance content (%): 8.
Dilution rate: supplied ready to use.
Surface drying time: 1-2 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.2-1 kg/m² (according to the porosity of the substrate).
Packaging: 10 kg.



Colorite Beton

Semi-transparent, anti-carbonatation acrylic paint with a smooth finish for internal and external surfaces.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: colours from the colour chart range or other colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.27.
Dry solids content (EN ISO 3251) (%): approx. 59.
Dilution rate: 10-15% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.25-0.3 kg/m² (for two coats).
Packaging: 20 kg.



Colorite Matt

Highly-transpirant water-based paint for internal use with excellent hiding power.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white.
Density (EN ISO 2811-1) (g/cm³): approx. 1.65.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-20% of water.
Recoat time: 6-12 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of the product).
Packaging: 5 and 20 kg.



Colorite Performance

Protective acrylic paint with high resistance to UV rays for internal and external use, available in a wide range of colours.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap[®] automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.35.
Dry solids content (EN ISO 3251) (%): approx. 61.
Dilution rate: 10-15% of water.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of the product).
Packaging: 5 and 20 kg.



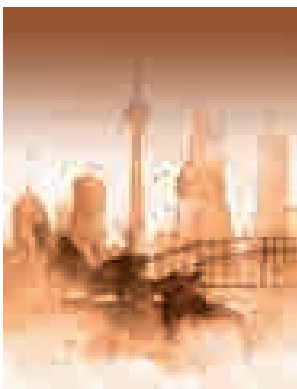
Duresil EB

Two-component, anti-acid epoxy paint modified with hydro-carbide resin for protecting concrete and steel surfaces.



TECHNICAL DATA:

Consistency: component A fluid paste, component B fluid paste.
Colour: black and grey.
Density (EN ISO 2811-1) (g/cm³): component A 1.75, component B 1.40.
Dilution rate: ready to use.
Complete hardening time: 7 days.
Application temperature range: from +5°C to +30°C.
Cleaning: nitro solvent or xylol.
Storage: 12 months.
Application: roller, brush or spray.
Consumption: 0.4-0.45 kg/m² for approx. 250 µm thickness.
(for one coat of the product).
Packaging: 10 kg kits (A + B).

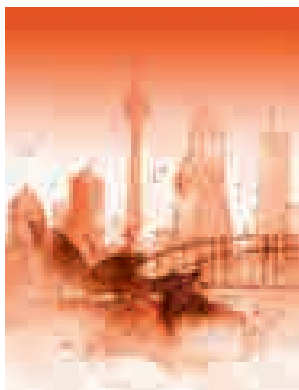


Dursilac Base Filler

Water based acrylic undercoat for interior and exterior use with high opacity and filling properties.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap[®] automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.53.
Dry solids content by weight (EN ISO 3251) (%): approx. 68.
Dilution rate (% by volume): max 10% with water.
Recoat time: 12 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Coverage: 6-8 m²/litre per coat.
Packaging: 0.75 and 2.5 litres.

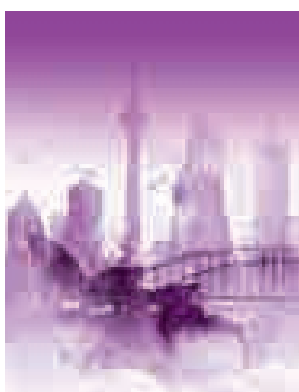


Dursilac Gloss

Water based acrylic urethane enamel paint for interior and exterior use, with excellent flow and providing a hard-wearing. Gloss Finish.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.22.
Dry solids content by weight (EN ISO 3251) (%): approx. 56.
Dilution rate (% by volume): max 15% with water.
Recoat time: 6-8 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Coverage: 10-12 m²/litres per coat.
Packaging: 0.75 and 2.5 litres.

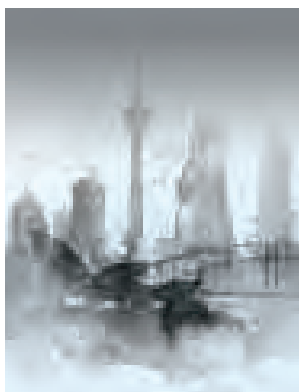


Dursilac Matt

Water based acrylic urethane enamel paint for interior and exterior use, with excellent flow and providing a hard-wearing Matt finish.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.30.
Dry solids content by weight (EN ISO 3251) (%): approx. 62.
Dilution rate (% by volume): max 15% with water.
Recoat time: 6-8 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Coverage: 10-12 m²/litre per coat.
Packaging: 0.75 and 2.5 litres.



Dursilac No Rust

Anti-rust solvent-based primer, for internal and external application, with excellent adhesion and anti-corrosive power.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: grey.
Density (EN ISO 2811-1) (g/cm³): approx. 1.58
Dry solids content by weight (EN ISO 3251) (%): approx. 84.
Dilution rate (% by volume): max 10% with white spirit or synthetic thinner.
Recoat time: 12 hours.
Application temperature range: from +5°C to +30°C.
Cleaning: white spirit.
Storage: 24 months.
Application: roller, brush or spray.
Coverage: 6-8 m²/litter per coat.
Packaging: 0.75 and 2.5 litres.



Dursilac Satin

Water based acrylic urethane enamel paint for interior and exterior use, with excellent flow and providing a hard-wearing Satin finish.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.18.
Dry solids content by weight (EN ISO 3251) (%): approx. 57.
Dilution rate (% by volume): max 15% with water.
Recoat time: 6-8 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Coverage: 10-12 m²/litre per coat.
Packaging: 0.75 and 2.5 litres.



Dursilite

Washable water-based paint with low dirt pick-up and excellent washability for internal walls.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.50.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-20% of water.
Recoat time: 6-12 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of the product).
Packaging: 5 and 20 kg.

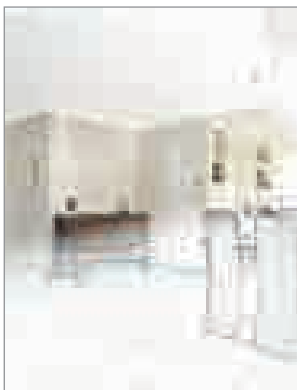


Dursilite Base Coat

Coloured smooth acrylic base coat, with a smooth finish and adhesion promoting properties.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.650.
Dry solids content (EN ISO 3251) (%): approx. 68.
Dilution rate: ready to use or diluted with 5% water.
Recoat time: at least 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.2-0.4 kg/m² per coat.
Packaging: 5 and 20 kg.



Dursilite Gloss

Semi-gloss enamel wall paint for internal surfaces; long-lasting, high quality, stain-resistant finish.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.30.
Dry solids content (EN ISO 3251) (%): approx. 55.
Dilution rate: 0-10% of water.
Recoat time: 6-12 hours.
Application temperature: +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.2-0.3 kg/m² (for two coats of product).
Packaging: 4 and 16 kg.



Dursilite Matt

Transpirant, high opacity, washable water-based wall paint for internal use.

TECHNICAL DATA:

Consistency: thick liquid.
Colours: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.60.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-20% of water.
Recoat time: 6-12 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of product).
Packaging: 5 and 20 kg.



Dursilite Plus

Hygienising, washable and traspirant wall paint which is resistant to mould, for internal surfaces.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.60.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-20% of water.
Application temperature range: from +5°C to +35°C.
Recoat time: 6-12 hours.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of product).
Packaging: 5 and 20 kg.



Elastocolor Net

Alkali-resistant glass fibre mesh for reinforcing fine-graded skimming pastes.

TECHNICAL DATA:

Composition: 100% glass fibre.
Colour: white.
Mesh size (mm): 2.7 x 2.7.
Weight of primed mesh (g/m²): approx. 61.
Storage: unlimited.
Packaging: 50 x 1 m rolls.



Elastocolor Paint

Elastomeric, crack-bridging, permanently flexible, protective paint with high resistance to chemicals for internal and external surfaces.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.37.
Dry solids content (EN ISO 3251) (%): approx. 63.
Dilution rate: 10-15% of water.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.2-0.4 kg/m² per coat.
Packaging: 20 kg.



Elastocolor Paint Plus

Elastomeric hygienic paint with crack-bridging ability, for internal and external use, with long-lasting elasticity and mould and algae resistant.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.37.
Dry solids content (EN ISO 3251) (%): approx. 63.
Dilution rate: 10-15% of water.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.2-0.4 kg/m² for coat.
Packaging: 20 kg.



Elastocolor Primer

Solvent-based high-penetration consolidating primer to even out surfaces.

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: transparent.

Density (EN ISO 2811-1) (g/cm³): approx. 0.96.

Dry solids content (EN ISO 3251) (%): approx. 10.

Dilution rate: ready to use.

Waiting time before applying other products: 5-6 hours.

Application temperature range: from +5°C to +35°C.

Cleaning: nitro thinners.

Storage: 24 months.

Application: roller, brush or spray.

Consumption: 0.10-0.15 kg/m².

Packaging: 10 kg.



Elastocolor Rasante

Fibre-reinforced, elastomeric, high flexibility finishing product with good defect covering capacity, for internal and external applications.



TECHNICAL DATA:

Consistency: thick liquid.

Colour: white or various colours using the ColorMap[®] automatic colouring system.

Density (EN ISO 2811-1) (g/cm³): approx. 1.35.

Dry solids content (EN ISO 3251) (%): approx. 67.

Dilution rate: as it is or diluted with 5-10% of water.

Recoat time: 24 hours.

Application temperature range: from +5°C to +35°C.

Cleaning: water.

Storage: 24 months.

Application: roller, brush, trowel or spray.

Consumption:

– trowel: 0.3-0.4 g/m² per coat;

– brush or roller: approx. 0.4 g/m² per coat;

– spray 0.4-0.7 g/m² per coat.

Packaging: 20 kg.



Elastocolor Rasante SF

Fibre-reinforced elastomeric, thick-layered finishing product with high filling properties, for internal and external surfaces.



TECHNICAL DATA:

Consistency: thick liquid.

Colour: white or various colours using the ColorMap[®] automatic colouring system.

Density (EN ISO 2811-1) (g/cm³): approx. 1.47.

Dry solids content (EN ISO 3251) (%): approx. 77.

Dilution rate: as it is or diluted with 5-10% of water.

Waiting time between each coat: 24 hours.

Application temperature range: from +5°C to +35°C.

Cleaning: water.

Storage: 24 months.

Application: trowel, roller, brush or spray.

Consumption:

– trowel: 0.7-0.8 g/m² per coat;

– brush or roller: approx. 0.5 g/m² per coat;

– spray 0.8-1.0 g/m² per coat.

Packaging: 20 kg.



Elastocolor Tonachino Plus

Elastic, water-repellent, mildew and mould-resistant, hygienising, elastomeric coating product for internal and external surfaces.

Available in the following grain sizes:
1.2 mm.



TECHNICAL DATA:

Consistency: paste.

Colours: white or various colours using the ColorMap[®] automatic colouring system.

Density (EN ISO 2811-1) (g/cm³): approx. 1.70.

Dry solids content (EN ISO 3251) (%): approx. 83.

Dilution rate: ready to use (it can be diluted with 1-2% of water).

Recoat time: 12-24 hours.

Application temperature range: from +5°C to +35°C.

Cleaning: water.

Storage: 24 months.

Application: trowel.

Consumption: 1.2 mm: 1.9-2.3 kg/m².

Packaging: 20 kg.





Elastocolor Waterproof

Waterproof, easy-to-clean acrylic paint for internal and external surfaces in permanent contact with water.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: colours from the colour chart range using the ColorMap® automatic colouring system
Density (EN ISO 2811-1) (g/cm³): approx. 1.18.
Dry solids content (EN ISO 3251) (%): approx. 59.
Dilution rate: diluted with 5-10% of water.
Recoat time: 24 hours.
Application temperature range: from +10°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller or brush (spray only for structures which are not immersed in water).
Consumption:
 - 0.3-0.5 kg/m² (for two coats of the product) for structures which are not immersed in water;
 - 0.6-0.8 kg/m² (for two/three coats of the product) for structures which are immersed in water.
Packaging: 20 kg.

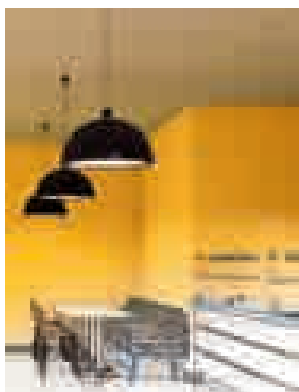


Malech

Acrylic resin undercoat in water dispersion to even out the absorption of substrates before applying other products.

TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dry solids content (EN ISO 3251) (%): approx. 15.
Dilution rate: ready to use; 30-50% of water for surfaces with low absorbency.
Waiting time before applying other products: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0,10-0,15 kg/m².
Packaging: 2 and 10 kg.



Mapecoat ACT 021

Enamel wall paint with high cleanability and resistance to mould for internal surfaces in areas with food and beverages.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1)(g/cm³): 1.20.
Dry solids content (EN ISO 13251) (%): approx. 57.
Dilution rate: 0-10% of water.
Re-coat time: 6-12 hours.
Application temperature: +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.2-0.3 kg/m² for two coats.
Packaging: 4 and 16 kg.



Mapecoat ACT 196

Highly washable, enamel wall paint with excellent cleanability and resistance to bacteria for internal surfaces in healthcare facilities.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1)(g/cm³): 1.20.
Dry solids content (EN ISO 13251) (%): approx. 57.
Dilution rate: 0-10% of water.
Re-coat time: 6-12 hours.
Application temperature: +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: brush, roller or spray.
Consumption: 0.2-0.3 kg/m² for two coats.
Packaging: 4 and 16 kg.



Mapecoat DW 25

Two-component epoxy paint for anti-acid and non-toxic coatings on concrete surfaces, suitable for contact with drinking water.



TECHNICAL DATA:

Consistency: component A: thick paste, component B: fluid paste.
Colour: component A: white, component B: transparent.
Density (EN ISO 2811-1) (g/cm³): component A 1.43, component B 1.003.
Dilution rate: supplied ready to use.
Recoat time: 6-24 hours.
Complete hardening time: 7 days.
Application temperature range: from +5°C to +30°C.
Cleaning: ethanol.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.4-0.6 kg/m² (for one coat of the product).
Packaging: 5 kg kits (A + B).



Mapecoat W

Two-component, epoxy paint in water dispersion for protecting cementitious substrates.

TECHNICAL DATA:

Consistency: component A fluid paste, component B thick paste.
Colour: component A transparent, component B white or grey.
Density (EN ISO 2811-1) (g/cm³): component A 1.15, component B 1.35.
Dilution rate: supplied ready to use or 5-10% of water.
Recoat time: 6-24 hours.
Complete hardening time: 8-10 days.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 12 months.
Application: roller, brush or spray.
Consumption: 0.25-0.3 kg/m² (for one coat of the product).
Packaging: 20 kg kits (A + B).



Quarzolite Base Coat

Coloured acrylic undercoat with a smooth finish and good filling and adhesion promoting properties, for internal and external surfaces.

ETA 10/0024
ETA 10/0025

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the **ColorMap**[®] automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.58.
Dry solids content (EN ISO 3251) (%): approx. 67.
Dilution rate: as it is or diluted with 5-10% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.5 kg/m² per coat.
Packaging: 20 kg.



Quarzolite HF Plus

Acrylic hygienising paint with granular quartz fillers for internal and external use, durable with filling properties, resistant to mould and algae.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the **ColorMap**[®] automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.58 g/cm³.
Dry solids content (EN ISO 3251): 70%.
Dilution rate: 10-15% of water.
Recoat time: at least 24 hours.
Application temperature: +5°C to +35°C.
Cleaning: water.
Application: brush, roller or spray.
Consumption: 0.35-0.45 (for two coats of product).
Packaging: 20 kg.



Quarzolite Paint

Acrylic paint with micro-granular quartz with a smooth finish for long-lasting protection of internal and external surfaces.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.55.
Dry solids content (EN ISO 3251) (%): approx. 66.
Dilution rate: 15-20% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² for two coats.
Packaging: 5 and 20 kg.



Quarzolite Tonachino

High-protection, thick-layered acrylic coating product with high filling properties for internal and external surfaces.

Available in the following granulometries: 0.7 mm, 1.2 mm, 1.5 mm and 2.0 mm.

ETA 10/0024

ETA 10/0025



TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.65-1.95 (according to the grain size).
Dry solids content (EN ISO 3251) (%): approx. 85.
Dilution rate: supplied ready to use (it can be diluted with 1-2% of water).
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: trowel.
Consumption:
 - 0.7 mm: 1.7-2.0 kg/m²;
 - 1.2 mm: 1.9-2.3 kg/m²;
 - 1.5 mm: 2.2-2.6 kg/m²;
 - 2.0 mm: 3.0-3.5 kg/m².
Packaging: 20 kg.



Quarzolite Tonachino Plus

Highly protective, mould and mildew-resistant acrylic coating product with, for internal and external surfaces.

Available in the following granulometries: 1.2 mm and 1.5 mm.



TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.55-1.85 (according to the grain size).
Dry solids content (EN ISO 3251) (%): approx. 85.
Dilution rate: supplied ready to use (it can be diluted with 1-2% of water).
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: trowel.
Consumption:
 - 1.2 mm: 1.9-2.3 kg/m²;
 - 1.5 mm: 2.2-2.6 kg/m².
Packaging: 20 kg.



Silancolor AC Paint

Water-repellent acrylic-siloxane paint with high resistance to UV rays for internal and external surfaces.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.55.
Dry solids content (EN ISO 3251-1) (%): approx. 66.
Dilution rate: 10-15% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of the product).
Packaging: 20 kg.



Silancolor AC Paint Plus

Acryl-siloxane paint for the hygiene of walls in internal and external applications, water repellent, mould and algae resistant.



TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.55.
Dry solids content (EN ISO 3251): approx. 66.
Dilution rate: 10-15% of water.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (per two coats).
Packaging: 20 kg.



Silancolor AC Tonachino

Water-repellent, thick-layered acrylic-siloxane coating with high filling properties for internal and external surfaces.

Available in the following granulometries: 1.2 mm.



TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.70.
Dry solids content (EN ISO 3251) (%): approx. 80.
Dilution rate: supplied ready to use (it can be diluted with 1-2% of water).
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: trowel.
Consumption: 1.2 mm: 1.9-2.3 kg/m².
Packaging: 20 kg.



Silancolor AC Tonachino Plus

Acryl-siloxane plaster for the hygiene of walls in internal and external applications, water repellent, mould and algae resistant.

Available in the following grain sizes: 1.2 mm.



TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.70.
Dry solids content (EN ISO 3251): approx. 80.
Dilution rate: ready to use.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: trowel.
Consumption: 1.9-2.3 kg/m².
Packaging: 20 kg.



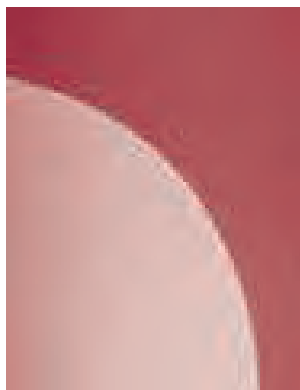
Silancolor Base Coat

Water-repellent, coloured siloxane undercoat with a smooth finish and good filling properties for internal and external surfaces.

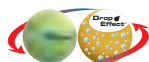
ETA 10/0024
ETA 10/0025

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.58.
Dry solids content (EN ISO 3251) (%): approx. 67.
Dilution rate: supplied ready to use (it can be diluted with 5-10% of water).
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.5 kg/m² per coat.
Packaging: 20 kg.



Silancolor Base Coat Plus



Hygienising siloxane based pigmented base coat, for internal and external application, evens out the surfaces and mould and algae resistant.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.60.
Dry solids content (EN ISO 3251) (%): approx. 68.
Dilution rate: ready to use or diluted up to 10% of water.
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.2-0.3 kg/m² per coat.
Packaging: 20 kg.



Silancolor Cleaner Plus



High penetration and mould-and algae resistant hygienising treatment.

TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dilution rate: ready-to-use or diluted max 300% with water.
Waiting time before applying other products: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: low-pressure manual spray gun or brush.
Consumption: 0.2-1 kg/m² (ready-to-use solution).
Packaging: 1 and 5 kg.



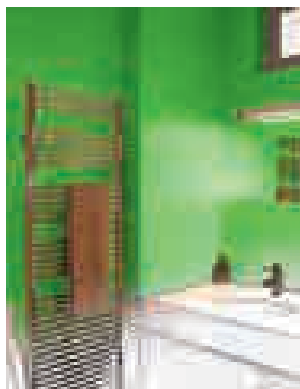
Silancolor Paint



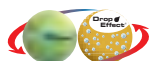
Transpirant, water-repellent, siloxane paint resistant to aggressive environments for internal and external surfaces.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.58.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-25% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² for two coats.
Packaging: 5 and 20 kg.



Silancolor Paint Plus



Highly protective transpirant, water-repellent, mildew and mould-resistant, siloxane paint for internal and external surfaces.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.55.
Dry solids content (EN ISO 3251) (%): approx. 65.
Dilution rate: 15-20% of water.
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.3-0.4 kg/m² (for two coats of the product).
Packaging: 5 and 20 kg.



Silancolor Primer

Transpirant siloxane undercoat with a smooth finish.

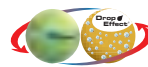
TECHNICAL DATA:

Consistency: fluid liquid.
Colour: milky.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dry solids content (EN ISO 3251) (%): approx. 12.
Dilution rate: supplied ready to use.
Waiting time before applying other products: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.1-0.15 kg/m².
Packaging: 10 kg.



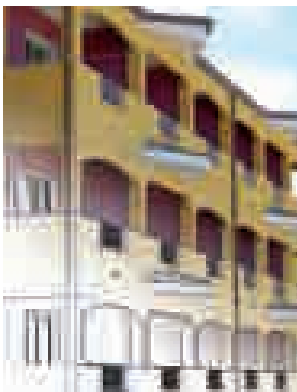
Silancolor Primer Plus

Highly protective siloxane, mildew and mould-resistant primer.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: milky.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dry solids content (EN ISO 3251) (%): approx. 5.
Dilution rate: supplied ready to use.
Waiting time before applying other products: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: roller, brush or spray.
Consumption: 0.1-0.3 kg/m².
Packaging: 2 and 10 kg.



Silancolor Tonachino

Transpirant, water-repellent, thick-layered siloxane coating product with high filling properties for internal and external surfaces.

Available in the following granulometries: 0.7 mm, 1.2 mm, 1.5 mm and 2.0 mm.

ETA 10/0024
ETA 10/0025



TECHNICAL DATA:

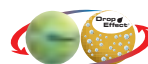
Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.65-1.95 (according to the grain size).
Dry solids content (EN ISO 3251) (%): approx. 80.
Dilution rate: supplied ready to use (it can be diluted with 1-2% of water).
Recoat time: 24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 24 months.
Application: trowel.
Consumption:
- 0.7 mm: 1.7-2.0 kg/m²;
- 1.2 mm: 1.9-2.3 kg/m²;
- 1.5 mm: 2.2-2.6 kg/m²;
- 2.0 mm: 3.0-3.5 kg/m².
Packaging: 20 kg.



Silancolor Tonachino Plus

Highly protective transpirant, water-repellent, mildew and mould-resistant siloxane coating product for internal and external surfaces.

Available in the following granulometries: 0.7 mm, 1.2 mm and 1.5 mm.



TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.65-1.90 (according to the grain size).
Dry solids content (EN ISO 3251) (%): approx. 80.
Dilution rate: supplied ready to use (it can be diluted with 1-2% of water).
Recoat time: 12-24 hours.
Application temperature range: from +5°C to +35°C.
Cleaning: water.
Storage: 12-24 months.
Application: trowel.
Consumption:
- 0.7 mm: 1.7-2.0 kg/m²;
- 1.2 mm: 1.9-2.3 kg/m²;
- 1.5 mm: 2.2-2.6 kg/m².
Packaging: 20 kg.



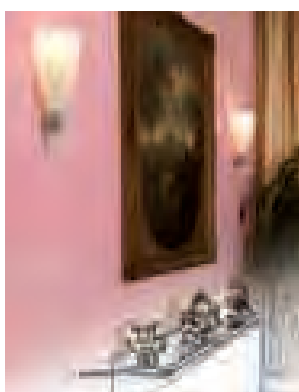
Silexcolor Base Coat

Transpirant, coloured silicate undercoat with a smooth finish and good filling properties for internal and external surfaces, according to DIN 18363 Standards.

ETA 10/0024
ETA 10/0025

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.60.
Dry solids content (EN ISO 3251) (%): approx. 67.
Dilution rate: as is or 5-10% of SILEXCOLOR PRIMER.
Recoat time: 24 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 12 months.
Application: roller, brush or spray.
Consumption: 0.3-0.5 kg/m² per coat.
Packaging: 20 kg.

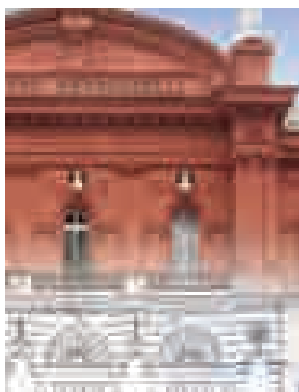


Silexcolor Marmorino

Highly-decorative, fine-grained, silicate mineral coating product in paste form with high chemical resistance for internal and external surfaces, according to DIN 18363 Standards.

TECHNICAL DATA:

Consistency: paste.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.61.
Dry solids content (EN ISO 3251) (%): approx. 67.
Dilution rate: supplied ready to use.
Recoat time: 12 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 12 months.
Application: trowel.
Consumption: 0.8-1.0 kg/m² (according to the type of finish required).
Packaging: 5 and 20 kg.



Silexcolor Paint

Highly-transpirant silicate paint with a high chemical bond for internal and external surfaces, according to DIN 18363 Standards.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white or various colours using the ColorMap® automatic colouring system.
Density (EN ISO 2811-1) (g/cm³): approx. 1.46.
Dry solids content (EN ISO 3251) (%): approx. 55.
Dilution rate: 20% of SILEXCOLOR PRIMER.
Recoat time: 24 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 12 months.
Application: roller, brush or spray.
Consumption: 0.35-0.45 kg/m² for two coats.
Packaging: 20 kg.



Silexcolor Primer

Highly breathable silicate primer compliant with DIN 18363 standards.

ETA 04/0061

TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.1.
Dry solids content (EN ISO 13251) (%): approx. 17.
Dilution rate: supplied ready to use.
Waiting time before applying other products: 12-24 hours.
Application temperature range: from +8°C to +35°C.
Cleaning: water.
Storage: 12 months.
Application: roller, brush or spray.
Consumption: 0.1-0.15 kg/m².
Packaging: 10 kg.



Silexcolor Tonachino

Highly transpirant, thick-layered silicate coating product with high filling properties for internal and external surfaces in compliance with DIN 18363. Available in the following granulometries: 0.7 mm, 1.2 mm, 1.5 mm and 2.0 mm.

ETA 04/0061
ETA 10/0024
ETA 10/0025



TECHNICAL DATA:

Consistency: paste.

Colour: white or various colours using the ColorMap® automatic colouring system.

Density (EN ISO 2811-1) (g/cm³): approx. 1.65-1.95 (according to the grain size).

Dry solids content (EN ISO 3251) (%): approx. 80.

Dilution rate: supplied ready to use (it can be diluted with 3-5% of SILEXCOLOR PRIMER).

Recoat time: 24 hours.

Application temperature range: from +8°C to +35°C.

Cleaning: water.

Storage: 12 months.

Application: trowel.

Consumption:

- 0.7 mm: 1.7-2.0 kg/m²;

- 1.2 mm: 1.9-2.3 kg/m²;

- 1.5 mm: 2.2-2.6 kg/m²;

- 2.0 mm: 3.0-3.5 kg/m².

Packaging: 20 kg.



WATERPROOFING SYSTEMS

27. WATERPROOFING SYSTEMS

27.1 Waterproofing structures below ground level



Idrosilex

Bulk powder or liquid water-repellent for cementitious mortar.

TECHNICAL DATA:

Consistency: powder or liquid.

Pot life of mix: approximately 1 hour.

Storage: 12 months.

Consumption:

– IDROSILEX LIQUID: 3-5 kg/m² every 100 kg of cement;

– IDROSILEX POWDER: 2-4 kg/m² every 100 kg of cement.

Packaging:

– IDROSILEX LIQUID: 6 and 25 kg drums; 12x1 kg boxes;

– IDROSILEX POWDER: boxes of 25x1 kg.



Lamposilex

Ultra quick-setting and hardening hydraulic binder for blocking seeping water.



TECHNICAL DATA:

Consistency: fine powder.

Workability time at +20°C: approximately 1 minute.

Storage: 12 months.

Mixing ratio: 100 g of LAMPOSILEX with 28 g of water.

Minimum application temperature: +5°C.

Consumption: 1.8 kg/dm³ of cavities to be filled.

Packaging: 5 kg drums.



Mapegel 50

Three-component hydrophilic gel for consolidating the ground and for injecting concrete barriers.

TECHNICAL DATA:

Consistency: comp A (liquid), comp B (liquid), comp C (solid).

Viscosity of mix (mPa-s): < 5.

Storage: 12 months at a temperature of between +10°C and +30°C.

Mixing ratio: comp A : (comp B/water) : comp C (weight) = 20 : (1/20) : 0.3.

Consumption:

approximately 1 kg/l (of cavities to be filled).

Packaging:

21.3 kg kits:

– comp A 20 kg;

– comp B 1 kg;

– comp C 0.3 kg.



Mapei Waterproofer

Waterproofing agent for render and normal-setting waterproofing mixes.

TECHNICAL DATA:

Consistency: thick liquid.

Colour of mix: white.

Application temperature: +5°C to +35°C.

Dosage: 3% by weight of mix.

Packaging: 5 kg drums.



Mapelastic Foundation

Two-component, flexible cementitious mortar for waterproofing concrete surfaces subject to negative and positive hydraulic lift.



TECHNICAL DATA:

Consistency: thixotropic.

Mixing ratio: comp. A: comp. B = 2.2 : 1.

Pot life of mix: approximately 1 hour (at +20°C).

Application temperature range: from +5°C to +40°C.

Minimum applicable thickness: 2 mm in 2 coats.

Classification: EN 1504-2 - coating (C) principles PI, MC and IR and EN 14891 norm.

EMICODE: EC1R Plus - very low emission.

Storage: 12 months.

Application: roller or spray.

Consumption:

- by roller: 1.65 kg/m² per mm of thickness;

- by spray: 2.2 kg/m² per mm of thickness.

Packaging:

32 kg kits:

- component A: 22 kg bags;

- component B: 10 kg tanks.



Mapectroof

Bentonite waterproofing sheets for structures below ground level, suitable for both horizontal and vertical surfaces.



TECHNICAL DATA:

Lower layer of geo-textile fabric: polypropylene fabric, 140 g/m².

Upper layer of geo-textile fabric: non-woven polypropylene fabric, 220 g/m².

Layer of bentonite: natural sodium.

Aeric mass of bentonite (EN 14196) (12% humidity):

5.1 kg/m².

Swelling index (ASTM D 5890): 28 ml/2 g.

Coefficient of permeability (ASTM D 5887): < 1E-11 m/s.

Static perforation (EN ISO 12236): 2400 N.

Longitudinal tensile strength (EN ISO 10319): 14.0 kN/m.

Transversal tensile strength (EN ISO 10319): 14.0 kN/m.

Peeling (ASTM D 6496): 600 N/mm.

Bond strength to concrete (ASTM D 903): 3.5 N/mm.

Thickness of product (EN 964-1): 6.5 mm.

Seal of overlaps: the geo-composite product is self-sealing.

Packaging:

1.1 m x 5 m rolls;

2.5 m x 22.5 m rolls;

5 m x 40 m rolls.



Mapectroof BA Tape

Watertight, doublesided adhesive sheet membrane which are placed along fillet joints between horizontal and vertical surfaces and between adjacent vertical surfaces in MAPEPROOF FBT waterproofing systems.

TECHNICAL DATA:

Width: 330 mm.

Thickness: 1.75 mm.

Weight: ≥ 1.70 kg/m².

Storage: 12 months.

Packaging: 20 m rolls.

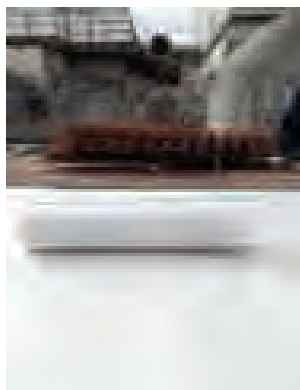


Mapectroof CD

Washers used to fasten MAPEPROOF bentonite sheets in place.

TECHNICAL DATA:

Packaging: boxes of 500 pieces.



Mapeproof FBT

Synthetic fully-bonded waterproof sheet membrane, laminated with non-woven fabric for waterproofing underground structures.



TECHNICAL DATA:

Width: 1000 mm.
Thickness: 1.7 mm.
Weight: $\geq 1.3 \text{ kg/m}^2$.
Watertightness (no lateral migration) according to ASTM D 5385 mod. (bar): ≥ 7 .
Storage: 24 months.
Packaging: pallets with 15 rolls (20 x 1 m).



Mapeproof FBT Tape

Adhesive tape to form sealed joints over the top of adjacent sheets of MAPEPROOF FBT SYSTEM.

TECHNICAL DATA:

Width: 150 mm.
Thickness: 1.2 mm.
Weight: $\geq 1.15 \text{ kg/m}^2$.
Storage: 12 months.
Packaging: 20 m² rolls.



Mapeproof Fix Tape

Double-sided adhesive tape to hold sheets of MAPEPROOF FTB in place during installation.

TECHNICAL DATA:

Width: 200 mm.
Thickness: 0.61 mm.
Weight: $\geq 0.67 \text{ kg/m}^2$.
Storage: 12 months.
Packaging: 25 m rolls.



Mapeproof LW

Bentonite waterproofing sheets for use on horizontal and vertical structures below ground level with a maximum water table of 5 metres.



TECHNICAL DATA:

Lower layer of geo-textile fabric: polypropylene fabric, 120 g/m².
Upper layer of geo-textile fabric: non-woven polypropylene fabric, 220 g/m².
Layer of bentonite: natural sodium.
Aeric mass of bentonite (EN 14196) (12% humidity): 4.1 kg/m².
Swelling index (ASTM D 5890): 28 ml/2 g.
Coefficient of permeability (ASTM D 5887): $< 1\text{E-}11 \text{ m/s}$.
Static perforation (EN ISO 12236): 2000 N.
Longitudinal tensile strength (EN ISO 10319): 12.0 kN/m.
Transversal tensile strength (EN ISO 10319): 12.0 kN/m.
Peeling (ASTM D 6496): 600 N/m.
Bond strength to concrete (ASTM D 903): 2.8 N/mm.
Thickness of product (EN 964-1): 6.0 mm.
Seal of overlaps: the geo-composite product is self-sealing.
Packaging:
 - 2.5 m x 22.5 m rolls;
 - 5 m x 40 m rolls.



Mapeproof Mastic

Bentonite paste made from natural sodium bentonite and plasticising additives for sealing elements which pass through surfaces.

TECHNICAL DATA:

Density: 1.50 kg/dm³.

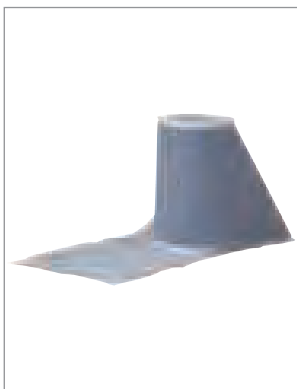
Composition:

- 50% natural sodium bentonite;
- 50% non-toxic plasticising agents.

Behaviour in water: the bentonite hydrates freely and swells.

Behaviour in air: does not dry.

Packaging: 15 kg drums.



Mapeproof SA Tape

Adhesive tape to form sealed joints under adjacent sheets of MAPEPROOF FBT SYSTEM.

TECHNICAL DATA:

Width: 200 mm.

Thickness: 0.48 mm.

Weight: 0.48 kg/m².

Storage: 12 months.

Packaging: 20 m rolls.



Mapeproof Seal

Natural sodium bentonite in powder form for localised strengthening of waterproofing layers made using MAPEPROOF bentonite sheets.

TECHNICAL DATA:

Montmorillonite (XRD): > 95%.

Free swelling (ASTM D 5890): > 27 ml/2 g.

Fluid loss (ASTM D 5891): < 18 ml.

Absorption of methylene blue: > 400 mg/g.

Liquidity limit (UNI 10040): > 550%.

Water absorption (ASTM E 946/43): > 750%.

1500/1000 Marsh viscosity: 38-40".

pH of filtered water: 9.

Packaging: 25 kg paper bags.



Mapeproof SW

Bentonite sheet for waterproofing structures below ground level where saline water is present.



TECHNICAL DATA:

Lower layer: polypropylene fabric.

Upper layer: non-woven polypropylene fabric.

Layer of bentonite: natural sodium bentonite admixed with polymers resistant to contaminants.

Areal density (EN 14196) (12% humidity): 5.3 kg/m².

Swelling index (ASTM D 5890): 28 ml/2 g.

Hydraulic conductivity (ASTM D 5887): 1E-11 m/s.

Static puncture resistance (EN 12236): 2.4 kN.

Longitudinal tensile strength (EN ISO 10319): 14.0 kN/m.

Transversal tensile strength (EN ISO 10319): 14.0 kN/m.

Peeling (ASTM D6496): 625 kN.

Adhesion to concrete (ASTM D 903): 3.1 N/mm.

Thickness of product (EN ISO 9863-1): 6.5 mm.

Packaging: 5 m wide x 40 m long rolls.

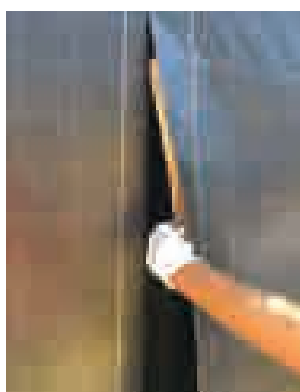


Mapeproof Swell

Hydro-expansive, rubber-based hydrophilic sealant paste in tubes, applied using an extrusion pistol.

TECHNICAL DATA:

Consistency: thixotropic paste.
Solubility: non-soluble in water.
Dry solids content: 90%.
Storage: 12 months.
Application temperature range: from +5°C to +40°C.
Volumetric expansion in water: minimum 100%.
Formation of skin: 180-200 min.
Polymerisation time: 2 mm every 9 hours.
Consumption: approximately 320 ml every 3 metres.
Shore A hardness (DIN 53505): 32.
Elongation (DIN 53504): > 700%.
Ultimate strength (DIN 53504): 2.5 N/mm².
Modulus of elasticity at 100% elongation (DIN 53504): 0.55 N/mm².
Tear strength (ISO 34-1): 10 N/mm.
Water-tightness: 1 atm.
Packaging: boxes containing 6 320 ml cartridges.



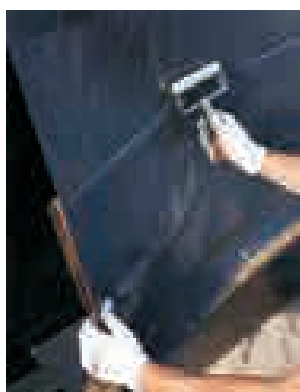
Mapethene HT

Self-adhesive bitumen waterproofing membrane for underground structures suitable for application at temperatures up to +45°C.



TECHNICAL DATA:

Width (mm): 1000.
Thickness (mm): 1.5.
Weight (kg/m²): 1.5.
Application temperature: from +10°C to +45°C.
Impermeable to water (bar): 8.
Packaging: 20 m² rolls.



Mapethene LT

Self-adhesive bitumen waterproofing membrane for underground structures suitable for application at temperatures down to -5°C.



TECHNICAL DATA:

Width (mm): 1000.
Thickness (mm): 1.5.
Weight (kg/m²): 1.5.
Application temperature: from -5°C to +20°C.
Impermeable to water (bar): 8.
Packaging: 20 m² rolls.



Mapethene Primer

Solvent-free bitumen primer for membranes from the MAPETHENE line.

TECHNICAL DATA:

Consistency: fluid.
Colour: black.
Density (kg/m³): 1.00.
Dry solids content (%): 42.
Viscosity (mPa-s): 12,000 (ago 5, 20 RPM).
Application temperature: from -5°C to +40°C.
Drying time (min): approx. 45.
Consumption: 0.1-0.2 kg/m².
Packaging: 10 kg drums.



Mapethene Primer W

One-component primer for membranes from the MAPETHENE line applied at low temperatures.

TECHNICAL DATA:

Consistency: fluid.
Colour: black.
Density (kg/m³): 1.00.
Dry solids content (%): 49.
Viscosity (mPa·s): 12,000 (ago 5, 20 RPM).
Application temperature: from -5°C to +40°C.
Drying time (min): approx. 45.
Consumption: 0.1-0.15 kg/m².
Packaging: 10 kg drums.



Planiseal 88 (former Idrosilex Pronto)

Osmotic cementitious mortar suitable for contact with drinking water, for waterproofing masonry and concrete structures.



TECHNICAL DATA:

Consistency: powder.
Pot life of mix: approx. 1 h.
Classification: EN 1504-2.
Storage: 12 months.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planiseal 288

Two-component cementitious mortar for waterproofing structures below ground level and storage tanks.



TECHNICAL DATA:

Consistency: fluid; applicable by brush.
Colour: grey or white.
Mixing ratio: comp. A : comp. B = 4 : 1.
Pot life of mix: approx. 1 h (at +20°C).
Application temperature: +5°C to +35°C.
Minimum applicable thickness: 2 mm in 2 coats.
Classification: EN 1504-2 - coating (C) principles MC and IR.
Storage: comp. A 12 months, comp. B 24 months.
Application: spreader, brush or roller.
Consumption: approx. 1.9 kg/m² per mm of thickness.
Packaging: 25 kg unit:
– component A: 20 kg bag;
– component B: 5 kg can.



Plastimul

Bitumen waterproofing emulsion for general purpose use.



TECHNICAL DATA:

Consistency: thick paste.
Density: 1.2 g/cm³.
pH: 10.
Dry solids content: approx. 76%.
Storage: 12 months.
Minimum application temperature: +5°C.
Consumption: approx. 1.7 kg/m² per mm of dry product depending on the substrate.
Packaging: 12 and 30 kg drums.



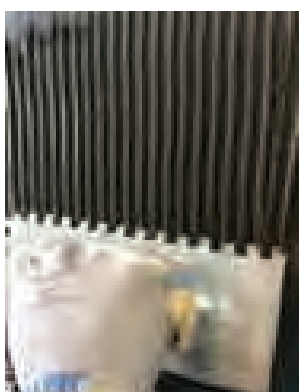
Plastimul 1K Super Plus

One-component, solvent-free, quick-drying, low-shrinkage, high-yield, high flexibility bitumen waterproofing emulsion containing polystyrene spheres and rubber granules.



TECHNICAL DATA:

Consistency: paste.
Density: 0.65 g/cm³.
pH: 10.
Dry solids content: approx. 73%.
Storage: 12 months.
Application temperature range: from +5°C to +30°C.
Drying time: approximately 2 days.
Consumption: 0.8 kg/m² per mm of thickness of dry product according to the type of substrate.
Packaging: 19.5 kg and 7.8 kg drums.



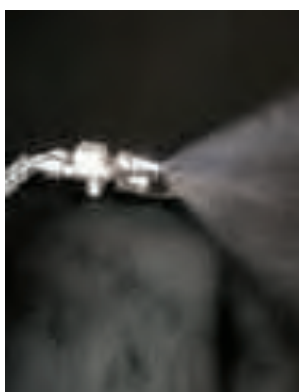
Plastimul 2K Plus

Two-component, solvent-free, quick-drying, low-shrinkage, high flexibility bitumen waterproofing emulsion containing cellulose fibres.



TECHNICAL DATA:

Consistency: paste
Density: 1.1 g/cm³.
pH: 10.
Dry solids content: 67%.
Storage: 12 months.
Application temperature range: from +5°C to +30°C.
Mixing ratio: comp A : comp B = 22 : 8.
Workability time: 2 hours.
Drying time: approximately 2 days.
Consumption: 1.5 kg/m² per mm of thickness of dry product according to the type of substrate.
Packaging: 30 kg units (A+B = 22+8).



Plastimul 2K Reactive

Two-component, solvent-free, eco-compatible, with high elasticity, instant bitumen waterproofing emulsion, applied by airless spray.



TECHNICAL DATA:

Consistency: liquid.
Mixing ratio: A : B = 10 : 1.
Density comp. A: 1 kg/dm³.
pH comp. A: 11.5-12.5.
pH comp. B: 6.5-8.5.
Storage: 6 months.
Application temperature range: from +5°C to +30°C.
Consumption: 1.3 kg/m² per mm of thickness of dry product, depending to the substrate.
Packaging:
 - component A: 30 kg drums and 1000 kg tanks;
 - component B: 25 kg tanks.



Plastimul 2K Super

Two-component, solvent-free, low-shrinkage, high yield, high-flexibility bitumen waterproofing emulsion containing polystyrene spheres.



TECHNICAL DATA:

Consistency: paste.
Density: 0.75 kg/dm³.
pH: 9-11.
Dry solids content: 65%.
Storage: 12 months.
Application temperature range: from +5°C to +30°C.
Mixing ratio: comp A : comp B = 16.9 : 6.
Workability time: 3 hours.
Drying time: approximately 1-2 days.
Consumption: 0.8 kg/m² per mm of thickness of fresh product according to the type of substrate.
Packaging: 22.9 kg units.



Plastimul C

Solvent-free concentrated bitumen emulsion for treating substrates before applying waterproofing products from the PLASTIMUL line.

TECHNICAL DATA:

Consistency: paste.

Density (g/cm³): approx. 1.1.

pH: 10.

Mixing ratio: 1:10 (PLASTIMUL C : water).

Storage: 12 months.

Application temperature: from +5°C to +30°C.

Consumption: approx. 100-200 g/m².

Packaging: 5 kg drums.



Plastimul Primer

Solvent-free, bitumen primer for treating substrates before applying waterproofing products from the PLASTIMUL range.

TECHNICAL DATA:

Consistency: thixotropic, liquid.

Density: 1 kg/l.

pH: 10.

Dry solids content: 20%.

Storage: 12 months.

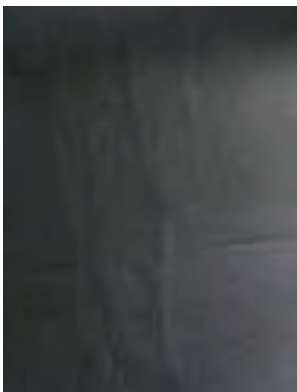
Application temperature range: from +5°C to +30°C (temperature of substrate).

Condition of substrate: dry, slightly damp.

Application of coating products: after hardening.

Consumption: 0.1-0.2 kg/m².

Packaging: 10 kg drums.



Plastimul Primer SB

High-performance rapid-drying solvent-based bituminous primer for treating concrete surfaces before applying PLASTIMUL 2K REACTIVE.

TECHNICAL DATA:

Consistency: liquid.

Colour: black.

Density (g/cm³): approx. 0.9.

Dry solids content (%): 50.

Application temperature: +5°C to +35°C.

Condition of substrate: dry or slightly damp.

Consumption (depending on roughness and absorbency of substrate): approx. 200 g/m².

Packaging: 18 kg drums.



Resfoam 1K-M

One-component, ultra-fluid polyurethane resin applied by injection for waterproofing structures and ground and rocks subject to intense percolating water. The reaction time may be regulated.

TECHNICAL DATA:

Mixing ratio: resin: catalyst = 1: 0.1-0.2 by weight.

Storage: 6 months.

Application: injection.

Consumption: in the open air, a mixture of 1 kg of RESFOAM 1K-M (resin) + 0.1 kg of RESFOAM 1K-M AKS (catalyser) forms 50 litres of foam upon contact with 0.1 litre of water.

Packaging:

– RESFOAM 1K-M (resin): 20 kg plastic drums.

– RESFOAM 1K-M AKS (catalyser): 1 kg plastic drums.

27. WATERPROOFING SYSTEMS

27.2 Waterproofing structures above ground level



Additix P

Thixotropising agent for PURTOP EASY.

TECHNICAL DATA:

Consistency: liquid.

Colour: yellowing.

Consumption: 0.9 every 25 kg of PURTOP EASY.

Storage: 12 months.

Packaging: 0.9 kg.



Aquaflex

Liquid membrane used to form a permanent shell around asbestos cement and for forming waterproof membranes on mineral-based substrates.

TECHNICAL DATA:

Consistency: paste.

Colour: white, red and grey.

Specific gravity: 1.4 g/cm³.

Dry solids content: 70%.

Waiting time between each coat: from 2 to 12 hours.

Application temperature range: from +5°C to +40°C.

Storage: 24 months.

Application: roller, brush, trowel or spray.

Consumption: approx. 0.7 kg/m² for each coat, which corresponds to a wet thickness of 0.5 mm (final dry thickness 0.35 mm).

Packaging: 5 and 20 kg.



Aquaflex Roof

Ready-to-use flexible liquid membrane with fibres for continuous waterproofing layers on exposed external surfaces.



TECHNICAL DATA:

Consistency: paste.

Application temperature range: from +5°C to +35°C.

Waiting time between first and second coat: approximately 8-12 hours.

Set to light foot traffic: 12 hours at +23°C.

Minimum applicable thickness: 1 mm in 2 coats.

Colour: white, grey, brick red, oxide red, green, RAL 6005, RAL 7013 and RAL 9005.

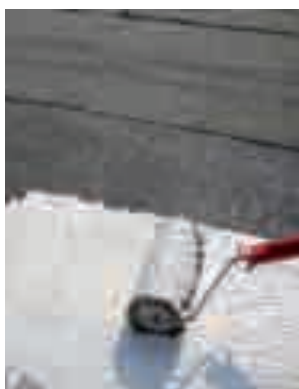
Storage: 24 months.

Application: roller, brush or trowel.

Consumption:

- waterproofing membrane: at least 2 kg/m²;
- protective finish on bituminous substrates:
 - approx. 0.5 kg/m² on smooth membranes
 - approx. 0.9 kg/m² on membranes with a slate-chip face.

Packaging: 5 and 20 kg drums.



Aquaflex Roof HR

Fibre-filled liquid membrane in water emulsion with high solar reflectance and thermal emittance with a solar reflectance index (SRI) of 105.



TECHNICAL DATA:

Consistency: paste.

Application temperature range: from +5°C to +35°C.

Waiting time between first and second coat: 8-12 hours.

Set to foot traffic: 12 hours at +23°C.

Colour: highly reflective white.

Storage: 24 months.

Application: roller, brush or trowel.

Consumption:

- waterproofing membrane: at least 2 kg/m²;
- protective finish on bituminous substrates:
 - approx. 0.5 kg/m² on smooth membranes
 - approx. 0.9 kg/m² on mineral-fined membranes.

Packaging: 20 kg drums.



Aquaflex Roof Plus

Ready-mixed, high-elasticity, quick-drying, UV-resistant liquid waterproofing membrane.



TECHNICAL DATA:

Consistency: paste.

Colour: highly reflective white, grey, terracotta, green.

Density (g/cm³): 1.25.

Dry solids content (%): 66.

Application temperature: +5°C to +35°C.

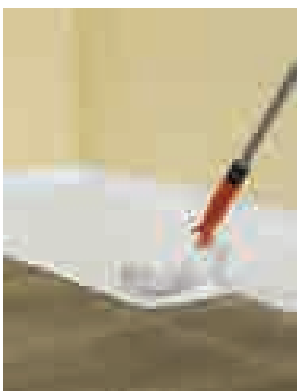
Service temperature: -5°C to +80°C (without reinforcement); -10°C to +80°C (with MAPETEX 50).

Consumption:

- 0.9 kg/m² (used as protective finish or reflective coating over existing bitumen membranes);

- 2 kg/m² (used as waterproofing membrane).

Packaging: 5 and 20 kg drums.



Aquaflex Roof Premium

Ready-mixed, water-based, VOC-free polyurethane waterproof membrane resistant to foot traffic and standing water.



TECHNICAL DATA:

Consistency: paste.

Colour: high-reflectance white, RAL 7038 grey, RAL 7039, 2500 N grey and terracotta.

Density (g/cm³): 1.25.

Dry solids content (%): 60.

Application temperature: from +5°C to +35°C.

Consumption : protective finish or reflective coating on an old bitumen membrane: 0.9-1 kg/m²

Waterproof membrane: 1.5-2 kg/m².

Packaging: 5 and 20 kg drums.



Drain Front

TPE angular pipe union for terraces and balconies.

TECHNICAL DATA:

Colour: ivory and copper.

Packaging: boxes of 5 pieces.



Drain Vertical/ Drain Lateral

Kit for installing floor drains, ideal for draining off water from terraces, balconies, bathrooms, boiler rooms, wash-rooms, etc.

TECHNICAL DATA:

Diameter: 50, 70 and 100 mm.

Packaging: 1 kg kits including:

- **vertical or lateral polypropylene drain-pipe** available in 3 diameters (50, 75 and 90 mm) for DRAIN LATERAL and 5 diameters (50-75-82-90-100 mm) for DRAIN VERTICAL, with a welded 400x400 mm polypropylene drain-cover;
- **telescopic extension;**
- **"anti-odour" plug;**
- **removable stainless steel grate.**



Isamite

Bitumen paint in solvent.

TECHNICAL DATA:

Consistency: fluid.

Colour: black.

Density (g/cm³): 100.

Dry solids content (%): approx. 50.

Dust dry: 15-20 minutes.

Consumption:

– 100-150 g/m² per coat on metal and non-absorbent surfaces;

– 250-300 g/m² per coat on concrete and wood.

Packaging: 10 kg (ADR approved packing).



Mapecoat Filler

Micrometric filler material in polyamide used to create surfaces with a non-slip finish.

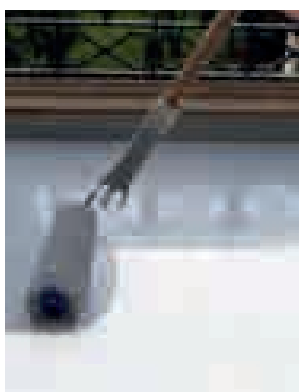
TECHNICAL DATA:

Consistency: powder.

Colour: white.

Storage: 24 months.

Packaging: 2 kg.



Mapecoat PU 20 N

Two-component coloured aliphatic polyurethane topcoat for membranes from the PURTOP line.

TECHNICAL DATA:

Consistency: liquid.

Colour: according to RAL colour available.

Mixing ratio A/B (by weight): 4.3:0.7.

Pot life of the mix: 60 minutes at +23°C.

Consumption: approx. 0.15-0.2 kg/m².

Storage: 12 months.

Packaging:

– 20 kg (A+B), comp. A 17.2 kg and comp. B 2.8 kg;

– 5 kg (A+B), comp. A 4.3 kg and comp. B 0.8 kg.



Mapecoat PU 25

Two-component coloured aliphatic polyurethane topcoat for membranes from the PURTOP line when used in swimming pools or decorative ponds.

TECHNICAL DATA:

Consistency: liquid.

Colour: according to RAL colour available.

Mixing ratio A/B (by weight): 4.3 : 0.7.

Pot life of the mix: 60 minutes at +23°C.

Consumption: approx. 0.15-0.2 kg/m².

Storage: 12 months.

Packaging: comp A 17.2 kg and comp. B 2.8 kg.



Mapecoat TC

Wear-resistant coloured aliphatic polyurethane finish for membranes from the PURTOP line.

TECHNICAL DATA:

Mixing ratio: 100/20.

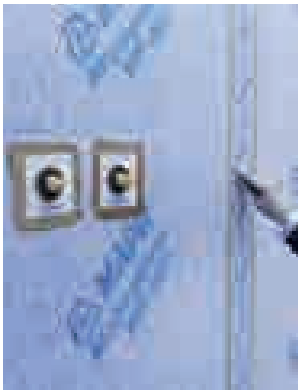
Colour of the mix: RAL 5014, RAL 6002, RAL 7001, RAL 7004, RAL 7016, RAL 7032, RAL 7035, RAL 7037.

Density of mix: 1.25 g/cm³.

Application temperature: +5°C to +35°C.

Consumption: 0.6-0.8 kg/m² (two coats of product).

Packaging: 18 kg kit (A: 15 kg, B: 3 kg).



Mapeguard WP 200

Alkali-resistant waterproofing and anti-fracture membrane for internal use; suitable for overlaying with ceramic, natural stone and LVT floors.

TECHNICAL DATA:

Material: product made up of three layers of polypropylene/polyethylene.

Colour: blue.

Thickness of membrane (mm): > 200 µm.

Size: 30 m x 1 metre and 5 m x 1 metre rolls.



Mapeguard WP Adhesive

Two-component, rapid-drying, elastic cementitious adhesive for bonding and sealing overlaid MAPEGUARD WP 200 and relative special pieces.



TECHNICAL DATA:

Colour of mix: brown.

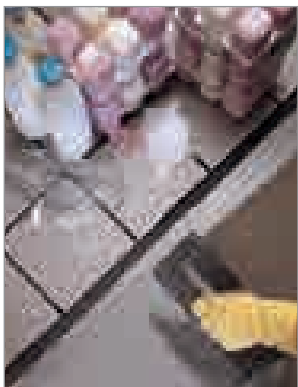
Mixing ratio: comp. A : comp. B = 1 : 0.9.

Pot life of mix: more than 45 minutes.

EMICODE: EC1 Plus - very low emission.

Storage: comp. A 12 months, comp. B 24 months.

Packaging: 6.65 kg kit (component A 3.5 kg + component B 3.15 kg).



Mapegum EPX/ Mapegum EPX-T

Two-component epoxy-polyurethane resin used to form flexible waterproof and chemical-resistant coats before bonding ceramic.



TECHNICAL DATA:

Consistency: creamy paste.

Density: 1,400 kg/m³.

Application temperature range: from +10°C to +30°C.

Temperature when in use: from -30°C to +80°C.

Set to light for traffic: after 24 hours.

Ready for use: after 3 days.

Storage: 24 months in original packaging in a dry place.

Consumption: 1.4 kg/m² per mm of thickness.

Packaging: comp. A 8.7 kg; comp. B 1.3 kg.



Mapegum WPS

Quick-drying flexible liquid membrane for waterproofing internal surfaces.



TECHNICAL DATA:

Consistency: paste.
Density of the mix: 1.45 g/cm³.
pH: 9.
Dry solids content: 73%.
Storage: 24 months.
Minimum filming temperature: +5°C.
Application temperature range: from +5°C to +35°C.
Time for complete drying of a 2 mm thick layer: 5 hours at +23°C.
Time for complete drying of a 2 mm thick layer: 12 hours at +5°C.
Waiting time before laying coating: 12-24 hours.
EMICODE: EC1 Plus - very low emission.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 5, 10 and 25 kg drums.



Mapelastic

Two-component, flexible cementitious mortar for waterproofing balconies, terraces, bathrooms and swimming pools.



TECHNICAL DATA:

Consistency of mix: plastic-trowable.
Mixing ratio: comp. A: comp. B = 3 : 1.
Pot life of mix: approximately 1 hour.
Application temperature range: from +5°C to +35°C.
Minimum applicable thickness: 2 mm in 2 coats.
Classification: EN 1504-2 - coating (C) principles PI, MC and IR and EN 14891 norm.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months comp. A, 24 months comp. B.
Application: trowel or by spray.
Consumption:
 - trowel: 1.7 kg/m² per mm of thickness;
 - spray: 2.2 kg/m² per mm of thickness.
Packaging:
 - 32 kg units: 24 kg bags + 8 kg tanks;
 - 16 kg units: 2x6 kg sachets + 4 kg tanks.



Mapelastic AquaDefense

Ready-to-use, ultra quick-drying, flexible liquid membrane for waterproofing internal and external surfaces.



TECHNICAL DATA:

Consistency: paste.
Application temperature range: from +5°C to +35°C at +23°C and 50% R.H..
Waiting time between first and second coat: approximately 1 hour (at +23°C and 50% R.H.).
Waiting time before laying coating: 3-4 hours (at +23°C and 50% R.H.). Times refer to +23°C and 50% relative humidity of the air when the product is applied on dried screeds with a residual moisture lower than 3%.
Minimum applicable thickness: 0.8 mm in 2 coats.
Storage: 24 months.
Application: roller, brush or trowel.
Consumption: 1.3 kg/m² per mm of thickness.
Packaging: 7.5 kg and 15 kg drums.



Mapelastic Smart

Two-component, high-flexibility cementitious mortar (with crack-bridging > 2 mm), applied by trowel or with a roller, for waterproofing balconies, terraces, bathrooms and swimming pools.



TECHNICAL DATA:

Consistency of mix: fluid-brushable.
Mixing ratio: comp. A: comp. B = 2 : 1.
Pot life of mix: approximately 1 hour.
Application temperature range: from +5°C to +40°C.
Minimum applicable thickness: 2 mm in 2 coats.
Classification: EN 1504-2 - coating (C) principles PI, MC and IR and EN 14891 norm.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months comp. A, 24 months comp. B.
Application: brush, roller or spray.
Consumption:
 - trowel or roller: 1.6 kg/m² per mm of thickness;
 - spray: 2.2 kg/m² per mm of thickness.
Packaging: 30 kg units: 20 kg bags + 10 kg tanks.



Mapelastik Turbo

Two-component rapid-drying elastic cementitious mortar for waterproofing terraces and balconies, including at low temperatures and on substrates not completely dry.



TECHNICAL DATA:

Consistency of mix: fluid.

Mixing ratio: comp. A : comp. B = 1 : 0.8.

Pot life of mix: more than 45 mins.

Application temperature: from +5°C to +35°C.

Minimum applicable thickness: 2 mm in two coats with reinforcement embedded between the two layers.

Classification: EN 1504-2 - coating (C) principles PI, MC and IR, produced in compliance with EN 14891 norm.

EMICODE: EC1 Plus - very low emission.

Storage: 12 months component A, 24 months component B.

Application: trowel.

Consumption: approx. 2.4 kg/m² (for two coats of product with reinforcement embedded between the two layers).

Packaging: 36 kg kit: 20 kg bags + 16 kg tanks, 18 kg kit: 10 kg bags + 8 kg tanks.



Mapenet 150

Alkali-resistant glass fibre mesh (in compliance with the ETAG 004 guide) for reinforcing protective waterproofing layers, anti-fracture membranes and thermal insulation systems.

TECHNICAL DATA:

Colour: blue.

Weight: 150 g/m² ± 5%.

Mesh size: 4x4.5 mm.

Storage: unlimited.

Packaging: 50 m x 1 m rolls.



MapeSlope

One-component cementitious levelling mortar for building up slopes on roofs over new and old waterproof sheaths.

TECHNICAL DATA:

Consistency: powder.

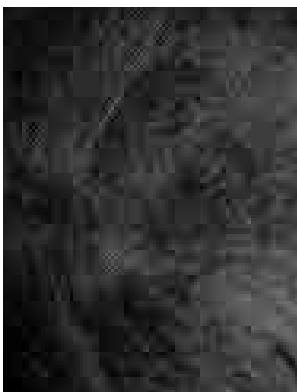
Colour of mix: light grey.

Applicable thickness (cm): up to 5.

Mixing ratio: 4.5-5.0 litres per bag.

Consumption (kg/m² per cm): 18.5.

Packaging: 25 kg bags.



Mapetex 50

Non-woven polypropylene fabric (weight 50 g/m²) for reinforcing waterproof membranes.

TECHNICAL DATA:

Appearance: black non-woven fabric.

Weight: 50 g/m².

Tensile strength:

– 70 N (lengthways);

– 60 N (widthways).

Elongation at failure:

– > 95% (lengthways);

– > 95% (widthways).

Packaging: 25 m x 100 cm and 25 m x 20 cm wide rolls.



Mapetex FG

Glass fiber reinforcing mat for PURTOP EASY.

TECHNICAL DATA:

Appearance: glass fiber reinforcing mat with random fiber orientation.

Colour: off-white.

Storage: 24 months.

Packaging: 50 x 1 m rolls.



Mapetex Sel

Macro-holed, non-woven polypropylene fabric for reinforcing waterproofing membranes.

TECHNICAL DATA:

Weight: 80 g/m².

Thickness: 0.6 mm.

Tensile strength: 5 kN/m.

Deformation at maximum strain:

– 80% in a longitudinal direction;

– 45% in a transversal direction.

Packaging: 25 m x 1 m rolls.



Monolastic

new formula

One-component cementitious waterproofing mortar.



TECHNICAL DATA:

Consistency of mix: plastic-trowable.

Dry solids content: 100%.

Classification: EN 14891.

Storage: 12 months.

Mixing water: 27-29%.

Pot life of mix: approximately 1 hour.

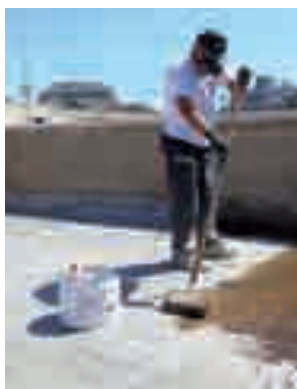
Application temperature range: from +5°C to +35°C.

Minimum thickness per coat: 1 mm.

Maximum thickness per coat: 2 mm.

Consumption: 1.1 kg/m² per mm of thickness.

Packaging: 20 kg vacuum-packed polyethylene bags.



Primer BI

Synthetic resin primer in solvents, specifically developed for improving adhesion of polyurethane coating products (from the PURTOP range) on existing bituminous membranes.

TECHNICAL DATA:

Colour: transparent.

Consistency: fluid liquid.

Density: 0.96 g/cm³.

Dry solids content (%): 10.

Storage: 24 months in its original sealed packaging.

Application temperature range: from +5°C to +35°C.

Ready for painting over: 2-4 hours.

Drying time: 5-6 hours at +20°C.

Consumption: 0.20 kg/m² per coat, depending on the type of the substrates.

Packaging: 10 kg.



Primer EP4 Fast

Two-component solvent-free epoxy primer for damp substrates.

TECHNICAL DATA:

Consistency: creamy.

Waiting time between each coat: 5-6 hours at +23°C.

Colour: white.

Consumption: 2.5 kg/m² corresponds to a dry coat approx. 2 mm thick.

Storage: 12 months.

Packaging: comp A 12.2 kg and comp. B 2.8 kg.



Primer EP 100W

Two-component solvent-free water-based epoxy primer for non-absorbent substrates.

TECHNICAL DATA:

Consistency: liquid.

Colour: beige.

Mixing ratio A/B (by weight): 1 : 3.

Pot life of the mix: 90 minutes at +23°C.

Consumption: approx. 0.15-0.3 kg/m².

Storage: 12 months.

Packaging:

– 20 kg kit, comp. A 5 kg and comp. B 15 kg;

– 4 kg kit, comp. A 1 kg and comp. B 3 kg.



Primer for Aquaflex

Synthetic resin primer in solvent, specifically formulated for bitumen surfaces in asbestos cement and surfaces with unknown adherence properties.

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: transparent.

Specific gravity: 1.1 g/cm³.

Dry solids content: 50%.

Waiting time before applying other products:

6-8 hours.

Storage: 24 months.

Application: roller, brush or spray.

Consumption: approx. 0.16 kg/m².

Packaging: 6 kg.



Primer P1

One-component solvent-based primer for polyurea coatings (from the PURTOP line) on plastic surfaces such as PVC.

TECHNICAL DATA:

Consistency: transparent liquid.

Colour: yellowish.

Density (g/cm³): 0.86.

Dry solids content (%): 10.

Viscosity (mPa s): approx. 33 (No. 1 rotor, 100 rpm).

Application temperature: +5°C to +35°C.

Recoat time (mins.): 30 to 60.

Consumption: 0.1-0.2 kg/m².

Packaging: 50 kg tanks.

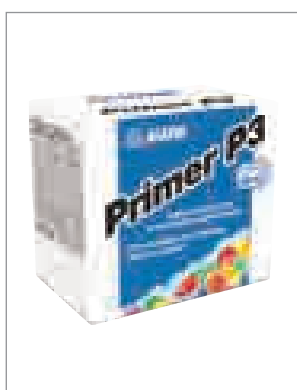


Primer P2

One-component solvent-based primer for polyurea coatings (from the PURTOP line) on plastic surfaces such as TPO.

TECHNICAL DATA:

Consistency: transparent liquid.
Colour: yellowish.
Density (g/cm³): 0.89.
Dry solids content (%): 10.
Viscosity (mPa s): approx. 22 (No. 1 rotor, 100 rpm).
Application temperature: +5°C to +35°C.
Recoat time (mins.): 30 to 60.
Consumption: 0.1-0.2 kg/m².
Packaging: 50 kg tanks.



Primer P3

Two-component solvent-based polyurethane primer for products from the PURTOP line.

TECHNICAL DATA:

Consistency: comp. A liquid; comp. B liquid.
Colour: comp. A transparent yellow; comp. B dark brown.
Density (g/cm³): comp. A 0.9÷1.1; comp. B 0.9÷1.2.
Dry solids content (%): comp. A approx. 90; comp. B 100.
Viscosity (mPa-s): comp. A 350÷500 (needle 2, 50 rpm); comp. B 70÷110 (needle 1, 100 rpm).
A/B ratio (in weight): 100/37.
Application temperature: +5°C to +35°C.
Workability time (mins.): approx. 30.
Recoat time for polyurethane finishes (h): 4.
Recoat time for bitumen membranes (h): 2-4.
Consumption: 0.1-0.2 kg/m².
Packaging: 5+1.20 kg units (A+B); 1.24 kg units.



Primer PU Fast

Two-component solvent-free epoxy primer for damp substrates.

TECHNICAL DATA:

Consistency: liquid.
Colour: light brown.
Mixing ratio A/B (by weight): 45:55.
Pot life of the mix: 35 minutes at +23°C.
Consumption: approx. 0.15-0.3 kg/m².
Storage: 12 months.
Packaging: comp A 4.5 kg and comp. B 5.5 kg.



Purtop 400 M

Two-component, solvent-free, spray applied, hybrid polyurea membrane applied in situ using a high-pressure, bi-mixer type pump to form waterproof coatings on bridge decks and flat roofs.



TECHNICAL DATA:

A/B ratio (by volume): 100/100.
Classification: EN 1504-2.
Application: by spray with a high-pressure bi-mixer pump.
Consumption: 2.2 kg/m² per 2 mm of thickness.
Packaging:
 - component A: 220 kg drums;
 - component B: 225 kg drums.



Purtop 600

Two-component, solvent-free, hybrid polyurea membrane applied by spray with a high-pressure, bi-mixer type pump, to form waterproof coatings on new and old buildings directly on site (not suitable for vehicles).



TECHNICAL DATA:

A/B ratio (by volume): 100/68.

Classification: EN 1504-2.

Application: by spray with a high-pressure bi-mixer pump.

Consumption: 2.2 kg/m² per 2 mm of thickness.

Packaging:

- component A: 210 kg drums;
- component B: 220 kg drums.



Purtop 1000

Two-component, solvent-free, pure polyurea membrane applied by spray with a high-pressure, bi-mixer type pump, to form waterproof coatings directly on site.



TECHNICAL DATA:

A/B ratio (by volume): 100/100.

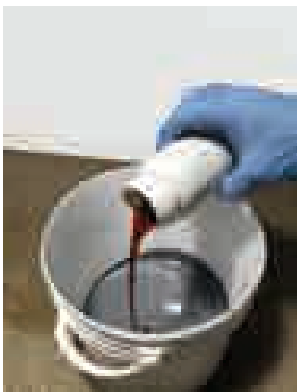
Classification: EN 1504-2.

Application: by spray with a high-pressure bi-mixer pump.

Consumption: 2.2 kg/m² per 2 mm of thickness.

Packaging:

- component A: 220 kg drums;
- component B: 225 kg drums.



Purtop ADY

Admixture for applying PURTOP EASY waterproofing membranes in just one single coat.

TECHNICAL DATA:

Consistency: liquid.

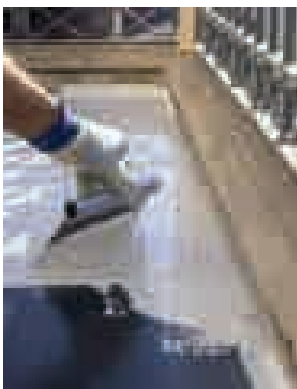
Colour: brown.

Mixing ratio A/B with Purtop Easy (by weight):

100 : 8.

Storage: 12 months.

Packaging: boxes containing six 0.5 l or 1.2 l or eight 2 l cans.



Purtop Easy

One-component, elastic polyurethane waterproofing membrane.

TECHNICAL DATA:

Consistency: thick liquid.

Waiting time between each coat: 24 hours at +23°C.

Colour: white, grey, red.

Consumption: 2 kg/m² corresponds to a dry coat approx. 1.5 mm.

Storage: 12 months.

Packaging: 6,15 and 25 kg.



Purtop Easy DW

Two-component elastic polyurethane membrane for waterproofing drinking water tanks.

TECHNICAL DATA:

Consistency: creamy.

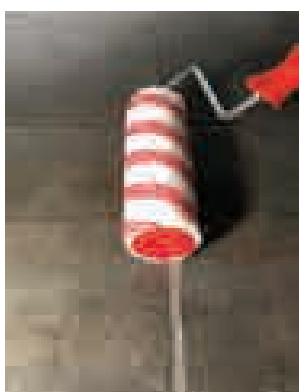
Waiting time between each coat: 5-6 hours at +23°C.

Colour: white.

Consumption: 2.5 kg/m² corresponds to a dry coat approx. 2 mm.

Storage: 12 months.

Packaging: comp A 12.2 kg and comp. B 2.8 kg.



Purtop Easy T

One-component transparent aliphatic polyurethane waterproofing membrane for terraces and balconies.

TECHNICAL DATA:

Consistency: liquid.

Waiting time between each coat: 8-24 hours at +23°C.

Colour: transparent.

Consumption: 1 kg/m² corresponds to a dry coat approx. 1 mm thick.

Storage: 12 months.

Packaging: 5 and 20 kg.



Purtop Easy T Primer

Colourless primer for non-absorbent substrates to be used before laying PURTOP EASY T.

TECHNICAL DATA:

Consistency: thick liquid.

Colour: transparent.

Touch dry: 10 minutes at +23°C.

Consumption: approx. 50 kg/m².

Storage: 12 months.

Packaging: 4 kg.



Purtop FR

Two-component, solvent-free, hybrid polyurea membrane applied by spray with a high-pressure, bi-mixer type pump, to create fire-resistant waterproof coatings in situ.



TECHNICAL DATA:

A/B ratio (in volume): 100/100.

Classification: EN 1504-2.

Fire reaction class (EN 13501-1):

– D, s3-d0;

– B_{FL} - s1 (when applied on floors).

Reaction to external fire classification (EN 13501-5):

BR_{00F} t1, t2, t3 and t4.

Application: by spray with a high-pressure bi-mixer pump.

Consumption: 2.2 kg/m² (2 mm thick coat).

Packaging:

– component A: 225 kg drum;

– component B: 225 kg drum.



Purtop HA

Manually-applied two-component, polyurea waterproofing membrane.

TECHNICAL DATA:

A/B ratio (by weight): 100/106.5.

Application: notched trowel.

Consumption: 2.6 kg/m² per 2 mm of thickness.

Packaging:

- component A: 10 kg drum;
- component B: 10.7 kg drum.



Purtop Primer Black

One-component solvent primer, specific for improving adhesion of asphalt flooring on surfaces waterproofed with products from the PURTOP range.

TECHNICAL DATA:

Consistency: liquid.

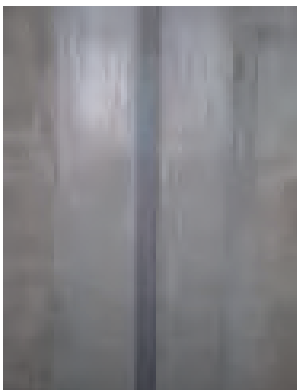
Colours: black.

Application temperature range: from +5°C to +35°C.

Hardening time: 2-4 hours.

Packaging: 20 kg drums.

27.3 Sealing and waterproofing joints and fillets



Adesilex PG4

Two-component, thixotropic epoxy adhesive with modified rheology for bonding MAPEBAND, MAPEBAND TPE, PVC strips and Hypalon and for structural bonds.



TECHNICAL DATA:

Workability time at +23°C: 70 min.

Setting time at +23°C: 5 hours.

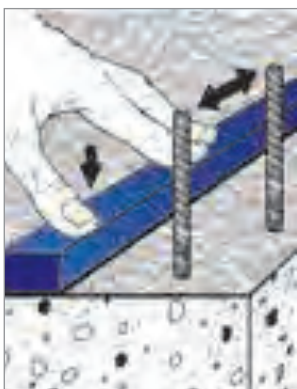
Final hardening time: 7 days.

Classification: EN 1504-4.

Application: trowel or smooth trowel.

Consumption: 1.60-1.65 kg/m² per mm of thickness.

Packaging: 30 kg (A+B), 6 kg (A+B) and 2 kg (A+B).



Idrostop

Hydrophilic, expanding rubber profiles for waterproof working joints.

TECHNICAL DATA:

Shape: pre-formed tape.

Sizes available:

20x10 mm (IDROSTOP 10);

20x15 mm (IDROSTOP 15);

20x25 mm (IDROSTOP 25).

Storage: 12 months.

Application temperature range using IDROSTOP MASTIC as an adhesive: from +10°C to +40°C.

Waiting time before casting if laying has been carried out using IDROSTOP MASTIC: 24 hours.

Waiting time before casting if fixed in place with nails or screws: not required.

Maximum width of joint: 7 mm.

Packaging:

IDROSTOP 10: 6x10 m rolls;

IDROSTOP 15: 6x7 m rolls;

IDROSTOP 25: 6x5 m rolls.



Idrostop B25

Hydro-expanding bentonite jointing material for sealing construction joints.

TECHNICAL DATA:

Shape: pre-formed tape.

Size: 20x25 mm.

Storage: 24 months.

Application temperature range: from -5°C to +50°C.

Waiting time before casting: not required.

Packaging: 6x5 m rolls.



Idrostop Mastic

One-component adhesive for laying IDROSTOP.



TECHNICAL DATA:

Consistency: thixotropic paste.

Dry solids content: 100%.

Storage: 18 months.

Application temperature range: from +5°C to +35°C.

Dust dry: 10 minutes.

Waiting time before casting: 24 hours.

EMICODE: EC1 Plus - very low emission.

Consumption: approximately 300 ml each 5 linear metres of IDROSTOP.

Packaging: boxes containing 12x300 ml cartridges.



Idrostop PVC BE

PVC waterstop with external lug for sealing structural joints.

TECHNICAL DATA:

Application: mechanically.

Packaging: IDROSTOP PVC BE is available in two sizes:

- IDROSTOP PVC BE20 (width 20 cm) in 25 m-long rolls;
- IDROSTOP PVC BE24 (width 24 cm) in 25 m-long rolls.



Idrostop PVC BI

PVC waterstop with internal lug for sealing structural joints.

TECHNICAL DATA:

Application: mechanically.

Packaging: IDROSTOP PVC BI is available in three sizes:

- IDROSTOP PVC BI20 (width 20 cm) in 25 m-long rolls;
- IDROSTOP PVC BI25 (width 25 cm) in 25 m-long rolls;
- IDROSTOP PVC BI30 (width 30 cm) in 25 m-long rolls.



Idrostop Soft

Hydro-expansive, high-flexibility bentonite jointing profile for waterproofing construction joints and second pours of concrete.

TECHNICAL DATA:

Shape: pre-formed strip.

Size: 25x20 mm.

Application: bonded in place using MAPEFLEX MS 45 or ULTRABOND MS RAPID one-component adhesives.

Application temperature range: from -15°C to +60°C.

Packaging: 6x5 m rolls.



Mapeband

Alkali-resistant rubber tape with felt for cementitious waterproofing systems and liquid sheaths.



TECHNICAL DATA:

In service temperature range: from -30°C to +60°C.

EMICODE: EC1 Plus - very low emission.

Packaging:

- 120 mmx50 m rolls;
- 120 mmx10 m rolls;
- 90° and 270° angular pieces;
- gaskets for outlets, sizes 120x120 mm and 400x400 mm;
- special cross and T pieces.



Mapeband Easy

Rubber tape sandwiched between two layers of non-woven polypropylene fabric to form elastic joints in waterproofing systems.



TECHNICAL DATA:

Type of material: rubber sandwiched between two layers of non-woven polypropylene fabric.

Thickness: 0.68 mm.

Width: 130 mm.

Tensile strength: 45 N/15 mm.

Elongation at failure: 315 %.

EMICODE: EC1 Plus - very low emission.

Packaging:

- 30 m long by;
- 10 m long by;
- 90° and 270° angular pieces.
- templates to make through holes (200 x 200 mm and 400 x 400 mm).



Mapeband Flex Roll

Tape for the flexible waterproofing of expansion joint and cracks.



TECHNICAL DATA:

Material: TPE.

Width: 200 mm, 300 mm, 400 mm, 600 mm and 800 mm (other sizes available upon request).

EMICODE: EC1 Plus - very low emission.

Thickness: 2 mm.

Packaging: 20 m rolls.



Mapeband PE 120

PVC tape for waterproofing systems made from liquid membranes.



TECHNICAL DATA:

Thickness of tape: approximately 0.7 mm.
In service temperature range: from -5°C to +30°C
EMICODE: EC1 Plus - very low emission.

Packaging:

- rolls 120 mm wide by 50 m long;
- rolls 120 mm wide by 10 m long;
- 90° and 270° angular pieces;
- gaskets for outlets, sizes 120x120 mm and 425x425 mm.



Mapeband SA

Self-adhesive butyl tape with alkali-resistant, non-woven fabric for elastic waterproofing systems.



TECHNICAL DATA:

Density: 1.6 g/cm³.
Temperature of application: from +5°C to +30°C.
Width: 100 mm.

Thickness: approx. 2 mm.

EMICODE: EC1 Plus - very low emission.

Packaging:

- 25 m rolls;
- gaskets for outlets, sizes 370x370 mm.



Mapeband TPE

TPE tape for flexible sealing and waterproofing of expansion joints and cracks subject to movement.

TECHNICAL DATA:

Sizes available:

- 17 cm (MAPEBAND TPE 170);
- 32.5 cm (MAPEBAND TPE 325).

Width of expanding zone:

- MAPEBAND TPE 170: 50 mm;
- MAPEBAND TPE 325: 165 mm.

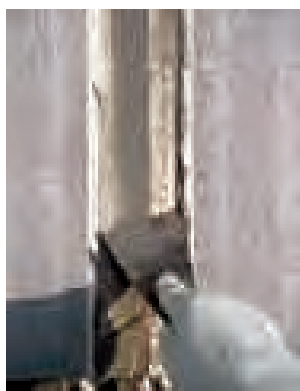
Thickness: 1.2 mm.

Maximum elongation of expanding zone:

- 5 mm (MAPEBAND TPE 170);
- 10 mm (MAPEBAND TPE 325).

Packaging:

- 30 m rolls (both 170 and 325 width versions);
- special cross and T pieces (both 170 and 325 width versions).



Mapeflex E-PU 30 NS NEW

Two-component, high-strength, epoxy-polyurethane sealant with high modulus of elasticity.

TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 60.

Workability time: 40 minutes.

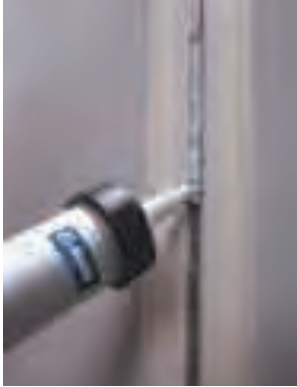
Set to traffic: 24-36 h.

Colour: 113 grey.

Application: trowel.

Consumption: 0.14 kg/linear metres (10x10 mm section).

Packaging: 5 (A+B).



Mapeflex PU 40

Polyurethane sealant with a low modulus of elasticity with movements up to 25%.



TECHNICAL DATA:

Movement when in service: 25%.

Modulus of elasticity with 100% elongation: 0.3 N/mm².

Shore A hardness: 27.

Workability: 4 hours.

Colours: white, grey 111, grey 112.

Application: extrusion pistol.

Consumption:

– 3.0 meters every 300 ml cartridge;

– 6.0 meters every 600 soft-cartridge (10x10 mm section).

Packaging: 300 ml cartridges; 600 ml soft-cartridges.



Mapeflex PU 45 FT

Rapid-hardening paintable polyurethane sealant and adhesive with a high modulus of elasticity for movements up to 20%.



TECHNICAL DATA:

Movement in service: 20%.

Modulus of elasticity at 100% elongation: 0.80 N/mm².

Shore A hardness: 38.

Workability time: 35 mins.

Colours: white, 111 grey, 113 grey, black.

Application: silicone gun.

Consumption: 3.0 meters per 300 ml cartridge, 6.0 meters per 600 ml tube (10x10 mm section).

Packaging: 300 ml cartridge, 600 ml tube.



Mapeflex PU50 SL

Castable polyurethane sealant with a low modulus of elasticity for movements up to 25%.



TECHNICAL DATA:

Elongation at failure: > 1000%.

Movement when in service: ± 25%.

Set to light foot traffic: according to the depth of the joint.

Ready for use: according to the depth of the joint.

Shore A hardness: 22.

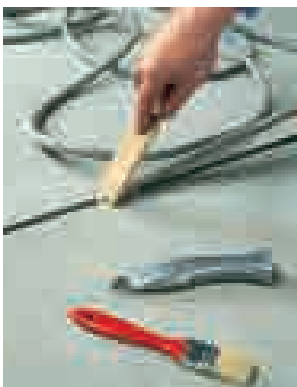
Colour: 111 grey.

Application: pouring, extrusion gun, pressure pump.

Storage: 12 months.

Consumption: 6.0 metres every 600 soft-cartridges (10x10 mm section).

Packaging: boxes of 20 pieces (600 ml soft-cartridges).



Mapefoam

Closed-cell, extruded foam polyethylene cord used as a support for elastomer sealants to gauge the correct size of flexible joints.

Supplied in hanks, total length proportional to the diameter.

TECHNICAL DATA:

Density: 40 kg/m³.

Tensile strength: 30 N/mm².

Water absorption: none.

Colour: grey.

In service temperature range: from -40°C to +80°C.

Packaging:

Ø 6 mm boxes of 550 m - bags of 10 m

Ø 10 mm boxes of 550 m - bags of 10 m

Ø 15 mm boxes of 550 m - bags of 10 m

Ø 20 mm boxes of 350 m - bags of 10 m

Ø 25 mm boxes of 200 m

Ø 30 mm boxes of 160 m

Ø 40 mm boxes of 270 m



Mapeguard IC/ Mapeguard EC

Special shaped pieces for the MAPEGUARD WP SYSTEM waterproofing system for internal and external corners and edges.

TECHNICAL DATA:

Material: Product made up of three layers of polypropylene/polyethylene.

Colour: blue.

Size: 11 x 11 x 9 cm corner pieces.



Mapeguard PC

Flexible gaskets in various diameters for the MAPEGUARD WP SYSTEM for waterproofing through pipes and drains.

TECHNICAL DATA:

Material: product made up of three layers of polypropylene/polyethylene.

Colour: blue.

Packaging: boxes of 25 gaskets.



Mapeguard ST

Waterproofing tape in rolls for sealing edges and joints between sheets of MAPEGUARD WP 200.

TECHNICAL DATA:

Material: product made up of three layers of polypropylene/polyethylene.

Colour: blue.

Size: 10 m x 20 cm and 30 m x 12 m rolls.



Mapesil AC

Pure, mould-resistant, acetic silicone sealant for movements up to 25%.



TECHNICAL DATA:

Movement when in service: 25%.

Modulus of elasticity at 100% elongation: 0.35 N/mm².

Shore A hardness: 20.

Workability: 10'.

Colours: transparent and the 34 colours.

EMICODE: EC1 Plus - very low emission.

Application: extrusion gun.

Consumption: 3.1 metres every 310 ml cartridge (10x10 mm section).

Packaging: 310 ml cartridges.



Mapetape

Cold-applied self-adhesive tape for sealing and waterproofing overlapping joints and cracks. Available in various widths (50, 100, 150 and 200 mm) and coloured finishes (aluminium, lead).

TECHNICAL DATA:

In-service temperature: -20°C/+80°C
(-20°C/+65°C if applied on surfaces with a slope of more than 45°).

Application temperature: +5°C/+45°C.

Elongation at failure: > 20%.

Storage: 24 months at +5°C/+30°C.



Ultrabond MS Rapid

Rapid-setting, deformable, hybrid assembly adhesive for internal and external use with a high initial sucker effect.



TECHNICAL DATA:

Viscosity: thixotropic paste.

Density: 1.55 kg/l.

Open time: 5'.

Initial tensile strength: 25 N.

Final shear strength: 30 kg/cm².

Hardening time: 2 h.

EMICODE: EC1R Plus - very low emission.

Colour: white.

Application: gun.

Consumption: 5 linear metres (triangular section).

Packaging: 300 ml cartridges.



ADMIXTURES FOR CONCRETE

28. ADMIXTURES FOR CONCRETE

28.1 Admixtures for concrete



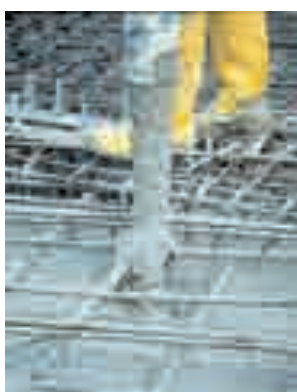
Cablejet

Expansive and plasticising admixture for making fluid slurries.

**TECHNICAL DATA:**

Dosage: 2% to 4% of weight of cement.

Packaging: 18 kg bags. Box of 4 x 3 kg water-soluble bags.



Dynamon SX

Modified acrylic super-plasticiser for concrete, characterised by its low water/cement ratio, very high mechanical strength and long workability times.

**TECHNICAL DATA:**

Dosage: 0.5-2 lit every 100 kg of cement for conventional concrete, or of the fine parts (through a 0.1 mm sieve) for self-compacting concrete.

Packaging: 25 kg tanks.



Expancrete Plus

Expansive admix for controlled-shrinkage concrete.

TECHNICAL DATA:

Dosage: between 2 and 5% by weight of cement in the mix.

Packaging:

- 20 kg vacuum-packed polyethylene bags;
- box of 4 x 3 kg water-soluble bags.



Expanfluid

Expansive anti-shrinkage agent for slurries for injection.

**TECHNICAL DATA:**

Dosage: 3% to 6% of weight of cement.

Packaging: box of 4 x 3 kg water-soluble bags.



Idrocrete DM

Bulk water-repellent admixture. Particularly recommended for concrete with a damp earth consistency.



TECHNICAL DATA:

Dosage: from 0.2 to 0.6 kg every 100 kg of cement.
Packaging: 25 kg tanks.



Idrocrete KR 1000

Powdered crystallising admixture for waterproof concrete.



TECHNICAL DATA:

Dosage: 1 to 3 kg every 100 kg of cement.
Packaging: 20 kg bags and boxes of 4 x 4 kg water-soluble bags.



Idrocrete S

Bulk water-repellent, waterproofing admixture.



TECHNICAL DATA:

Dosage: from 0.6 to 1.2 kg every 100 kg of cement.
Packaging: 10 and 25 kg tanks.



Mapeair AE1

Aerating product for concrete and cementitious mortar.



TECHNICAL DATA:

Dosage:
– concrete: from 15 to 100 ml every 100 kg of cement.
– cementitious mortar: from 100 to 300 ml every 100 kg of binder.
Packaging: 10 and 25 kg tanks.



Mapeair LA/P

Admixture for fluid fillers, mortar and lightweight concrete.

TECHNICAL DATA:

Dosage: 0.5 kg per m³ of mix.

Packaging: box of 30 x 0.5 kg water-soluble sachets.



Mapecrete Drain P

Powdered admixture for making pervious concrete.

TECHNICAL DATA:

Dosage: 0.5% to 3% of weight of cement.

Packaging: box of 4 x 3 kg water-soluble bags.



Mapecure SRA

Curing admixture for cementitious mortar and concrete to reduce hydraulic shrinkage and the formation of micro-cracks.

TECHNICAL DATA:

Consumption:

Mortar: 0.25-0.5% by weight of the mortar.

Concrete and beton: 5-8 l/m³.

Packaging: 20 kg tanks.



Mapefast C

Chloride-based admixture to accelerate setting and hardening of cementitious mortar.



TECHNICAL DATA:

Dosage: 0.75-1.5 kg every 100 kg of cement.

Packaging: 7, 13 and 30 kg tanks.



Mapefast CF/L and Mapefast CF/P

Chloride-free hardening accelerator for concrete and mortar



TECHNICAL DATA:

Dosage: MAPEFAST CF/L: 0.75-3 l per 100 kg of cement; MAPEFAST CF/P: 0.5-2 l per 100 kg of cement.

Packaging:

- powder: boxes of 24x1 kg;
- liquid: 6, 12 and 30 kg tanks.



Mapefibre NS12/NS18

Polypropylene microfibres for concrete.

TECHNICAL DATA:

Dosage: 600 g/m³ of concrete or mortar.

Packaging: boxes of 30x0.6 kg each.



Mapefibre Screed 24 **NEW**

24 mm long polymer fibres specifically designed to be embedded in screeds.



TECHNICAL DATA:

Dosage: from 0.8 to 2 kg/m³ of concrete, depending on the required performances.

Packaging:

- 6 kg plastic bags;
- carton box containing 15 water soluble bags 1 kg/each.



Mapefibre ST 50 Twisted **NEW**

Class II structural polymer fibres, in compliance with EN 14889-2:2006, with a length of 50 mm respectively, developed to improve the performance characteristics of conventional concrete, pre-cast concrete and shotcrete.



TECHNICAL DATA:

Dosage: 1.5-3 kg /m³ of concrete, depending on the required performances.

Packaging:

- 3 kg plastic bags;
- carton box containing 10 water soluble bags 1.5 kg/each.



Mapefibre ST30/ST42

Structural polymer fibres for concrete and cementitious screeds. May be used to completely or partially substitute conventional reinforcement. Length of fibres: 30 and 42 mm.

TECHNICAL DATA:

Dosage: from 1 to 7 kg per cubic metre of mix.
Packaging: 6 kg polyethylene bags.



Mapefluid N200

Super-plasticising sulphonated naphthalene admixtures for concrete. Permits the amount of mixing water to be drastically reduced, with a considerable increase in strength, even after short curing periods.



TECHNICAL DATA:

Dosage: from 0.5 a 1.5 litres every 100 kg of cement.
Packaging: 10 and 25 kg drums.



Mapefluid PZ500

Pozzolanic-activity super-plasticiser in powder form for high-quality mortar and concrete.



TECHNICAL DATA:

Dosage: from 20 to 60 kg per m³ of mix.
Packaging: 11 kg vacuum-packed polyethylene bags.



Mapefluid PZ504

Pozzolanic-activity super-plasticiser in powder form for high-quality mortar and concrete and a low loss in workability.



TECHNICAL DATA:

Dosage: from 20 to 60 kg per m³ of mix.
Packaging: 11 kg vacuum-packed polyethylene bags.



Mapefluid R104

Super-plasticising retardant admixture for concrete, particularly suitable for use in summer to help maintain workability of the mix.



TECHNICAL DATA:

Dosage: from 0.5 a 1.5 litres every 100 kg of cement.

Packaging: 25 kg tanks.



Mapeplast PZ300

Powdered admixture made from micronized Pozzolan-activity materials.



TECHNICAL DATA:

Dosage: 50 kg to 250 kg per m³ according to specific site requirements.

Packaging: 20 kg paper bags.



Mapeplast SF NEW

Powdered admixture with pozzolanic action to be used in combination with superplasticizers for high-quality mortar, grout and concrete with thixotropic, plastic, fluid or super-fluid consistency.

TECHNICAL DATA:

Dosage: from 20 to 60 kg/m³ of concrete, depending on the required performances.

Packaging:

- 20 kg bags;
- 10 kg soluble bags.



Mapeplast UW

Anti-leaching cohesion-inducing admixture for underwater pours.



TECHNICAL DATA:

Dosage: 0.6% to 3% of weight of cement.

Packaging:

- box of 4 x 3 kg bags;
- box of 4 x 3 kg water-soluble bags.



Mapetard

Retardant admixture for concrete and mortar with a plasticising effect. Retardant action on setting times of cement. Particularly suitable for use in summer to help maintain workability of the mix.



TECHNICAL DATA:

Dosage: from 0.2 a 0.5 litres every 100 kg of cement.

Packaging: 25 kg tanks.



Planicrete

Synthetic latex rubber to improve adhesion of cement mixes.

TECHNICAL DATA:

Consistency: fluid liquid.

Dry solids content: 36%.

Storage: 24 months.

Consumption:

– for bonding slurry: 100-150 g/m²;

– to prepare screeds and renders: 50-80 kg/m³.

Packaging: 5, 10 and 25 kg drums and 12x1 kg packages.

28.2 Admixtures for screeds



Mapescreed

Advance HR NEW

Admixture for high-strength, quick-drying, controlled-shrinkage, cementitious screed mortar with a semi-dry consistency.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 l per 100 kg of cement.

Packaging: in 25 kg drums and 1000 l tanks.



Mapescreed

Advance MR NEW

Admixture for medium-strength, quickdrying, controlled-shrinkage, cementitious screed mortar with a semidry consistency.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 l per 100 kg of cement.

Packaging: in 25 kg drums and 1000 l tanks.



Mapescreed 720

Cement admixture for ready-mixed or site mixed cementitious screeds.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 l per 100 kg of cement.

Packaging: in 25 kg drums and 1000 l tanks.



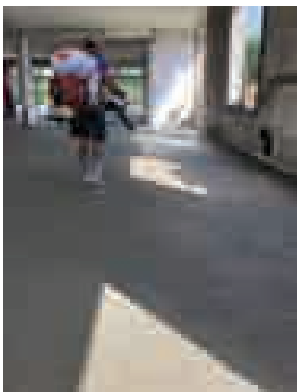
Mapescreed HF GEL

Special plasticising and hydrophobizing gel admixture with polymer microfibres for cementitious screeds.

TECHNICAL DATA:

Dosage: 1.0 l per 100 kg of cement.

Packaging: 22 kg drums and 1000 l tanks.



Mapescreed Finish **NEW**

Finishing aid for cementitious screeds.

TECHNICAL DATA:

Dilution: 1 part of MAPESCREED FINISH with 9 parts of water.

Yield: 1 l of diluted product per 5-10 m².

Packaging: in 25 kg drums and 1000 l tanks.



Mapescreed Slowset **NEW**

Admixture for semi-dry cementitious quick-drying screeds, for prolonged workability during hot weather.

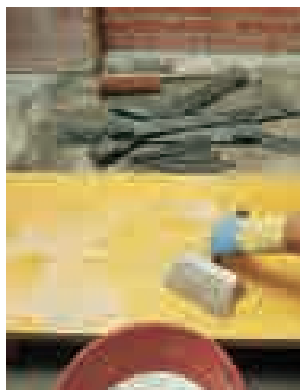
TECHNICAL DATA:

Dosage: 0,5 -0,8 l per 100 kg of cement.

Packaging: 22 kg drums and 1000 l tanks.

28. ADMIXTURES FOR CONCRETE

28.3 Form-release agents

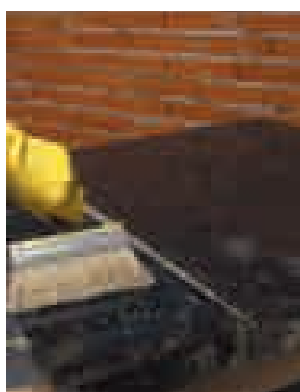


DMA 1000

Emulsionable form-release agent for wooden formwork. Emulsify one part of the product with 5-20 parts of water according to the type of formwork.

TECHNICAL DATA:

Application: brush or spray.
Consumption: 10-30 g/m² of neat product.
Packaging: 4.5, 23 and 9 kg tanks.



DMA 2000

Ready-to-use chemical/physical action form-release agent for metal formwork.

TECHNICAL DATA:

Application: brush or spray.
Consumption: 20-40 g/m² according to the type of formwork used.
Packaging: 4.5 and 23 kg tanks.



Mapiform 1500

Multi-purpose, low viscosity, chemical/physical-action form-release oil to facilitate stripping concrete.

TECHNICAL DATA:

Dosage: approx. yield 20-25 g/m² for all types of formwork.
Packaging: 23 kg tanks.



Mapiform Eco Oil

Chemical-action vegetable oil-based form release agent to make stripping concrete easier.

TECHNICAL DATA:

Application: by spray with suitable spray equipment.
Consumption: from 15 to 25 g/m² on metal or plastic formwork.
Packaging: 23 kg tanks.

28.4 Superficial curing compounds



Mapecure E

Anti-evaporation agent in water emulsion for protecting the surface of concrete against quickly drying out when exposed to sunlight and winds.

TECHNICAL DATA:

Application: spray.

Consumption:

– neat: 70-100 g/m²;

– diluted: 1:1 with water: 140-200 g/m².

Packaging: 25 kg tanks.



Mapecure S

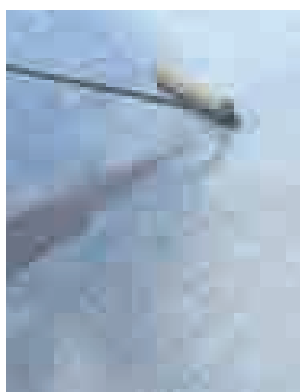
Film-forming curing agent in solvent to protect mortar and concrete from drying out too quickly when exposed to sunlight and winds.

TECHNICAL DATA:

Application: roller or spray.

Consumption: 0.10-0.15 kg/m².

Packaging: 24 kg tanks.



Mapecure WG

Film-forming curing agent in aqueous emulsion for concrete. Does not need to be removed from the surface before bonding the floor covering.

TECHNICAL DATA:

Application: by spray or with a roller.

Consumption: 150-200 g/m².

Packaging: 25 kg tanks.

28.5 Mapei Color Paving



Color Paving Admix

Ready-mixed multi-purpose powdered admixture for exposed-finish architectural floors and surfaces.

TECHNICAL DATA:

Colours: neutral, red, sand, yellow.

Dosage: 25 kg/m³ of concrete.

Packaging: paper bag containing 2 x 12.5 kg water-soluble bags.



Color Paving Binder

Ready-mixed ready to use screed supplied in big-bags for creating architectural road surfaces in exposed aggregate concrete.

TECHNICAL DATA:

Colours: neutral, red, sand, yellow.

Packaging: 970 kg big-bags.



Color Paving Pronto

Ready-mixed ready to use screed supplied in bags for creating architectural road surfaces in exposed aggregate concrete.

TECHNICAL DATA:

Colours: neutral, red, white, yellow.

Particle size: 8/12 mm (neutral-red-yellow) - 12/16 mm (neutral-red-white-yellow).

Consumption: 25 kg to make 11.2 litres of concrete (88 bags/m³).

Packaging: 25 kg bags.



Mapecolor Pigment

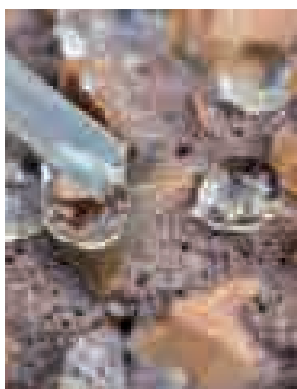
Powdered pre-dispersed oxides to create an even stable colour in concrete mixes.

TECHNICAL DATA:

Colours: yellow, red, brown, green, black. Other colours available upon request.

Dosage: 1% to 4% by weight of white cement; 3% to 6% by weight of grey cement.

Packaging: 10 kg cardboard boxes containing 5 kg water soluble bags.



Mapecrete Fast Protection

Hydro-oil repellent protective treatment with a consolidating effect; may be applied on all types of concrete within a minimum of 24 hours of pouring.

TECHNICAL DATA:

Dosage: 150-200 g/m².

Packaging: 22 litre drum.



Mapecrete Mineral Neutral

Mineralising treatment for concrete floors. Product developed to harden and consolidate the surface of new and old concrete substrates to increase their durability over the years.

TECHNICAL DATA:

Colour: colourless.

Dosage: substrates with low porosity (washed concrete, patterned concrete, terrazzo, etc.): 150-200 g/m². Porous substrates (interlocking blocks, drainable concrete, sand-blasted concrete, etc.): 250-300 g/m².

Packaging: 10 litre drums.



Mapewash PO

Biodegradable vegetable oil-based surface set retardant with a curing effect to create architectural floors and surfaces.

TECHNICAL DATA:

Colour: according to the type of product: green, blue, purple, yellow, pink, grey.

Yield: by spray 3.5-4 m²/l.

Packaging: 5 and 22 litre cans.



Mapewash Protex

Temporary protective gel for substrates applied during laying operations to prevent concrete sticking and MAPEWASH PO from being absorbed.

TECHNICAL DATA:

Yield: 150 to 300 g per m².

Packaging: 5 and 20 kg plastic drums.





**AGGREGATES AND MORTARS
FOR THE BUILDING INDUSTRY**

29. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY

29.1 Mortars for the building industry



BIOstabilitura

Highly compatible, ecological finishing which responds fully to the construction requirements of eco-friendly building work.

Finishing mortar for walls, made entirely with high quality, NATURAL, transpirant, eco-compatible, raw materials. Suitable for rendering internal and external surfaces.



TECHNICAL DATA:

Mixing ratio: supplied ready to use, blend before use if necessary.

Coefficient of permeability to water vapour: $\mu=9$.

Composition: Slaked lime (type CL 90-S PL) and fine, natural silica sand (cat. 0/1 mm).

Packaging: 25 kg bags.

Yield: 1.7 kg/m²/mm of render finish.



FIBROmalta

Special fibre-reinforced render for the best results with the minimum effort. Suitable for render and general wall coatings. The micro-fibres guarantee no crack formation caused by plastic shrinkage when drying out. It is suitable for application with a rendering machine and is even more attractive when applied by hand.



TECHNICAL DATA:

Fire resistance: REI 180.

Mixing ratio: 1 25 kg bag of FIBROMALTA with approx. 3.5 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: ≥ 6 N/mm².

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 18 kg/m²/cm of render - 22 kg/m² of wall made of bricks measuring 12x12x24.



FIBROstabilitura

FIBROstabilitura is a transpirant finishing mortar for masonry suitable for internal and external biocompatible render without cracks or crazing. FIBROstabilitura is reinforced with fibres which guarantee that no shrinkage cracks or crazing form during drying, and has unrivalled workability. FIBROstabilitura is a highly ecological product which responds fully to the construction requirements of eco-friendly building work.



TECHNICAL DATA:

Mixing ratio: supplied ready to use, blend before use if necessary.

Coefficient of permeability to water vapour: $\mu=9$.

Composition: slaked lime (type CL 90-S PL), fine natural silica sand (cat. 0/1 mm) and micro-fibres.

Packaging: 25 kg bags.

Yield: 1.7 kg/m²/mm of render finish.



Grassello di CALCE

Aerial binder for transpirant, ecological finishing compounds and render. Aerial binder for preparing traditional masonry render and mortar on site, the main ingredient for making natural, transpirant paintwork, final smoothing coats on render (fresh on fresh) and for restoring ancient buildings.



TECHNICAL DATA:

Mixing ratio: supplied ready to use, blend before use if necessary.

Composition: calcium hydroxide [Ca(OH)₂].

Packaging: 25 kg bags.

Yield: 1.4 kg/m²/mm of render finish-



HR10 Fibro

Ready-mixed high-adhesion rendering mortar in double-sealed bags to form rendered surfaces suitable for bonding ceramic tiles in compliance with EN 11493 standards.



TECHNICAL DATA:

Mixing ratio: one 25 kg bag of HR10 FIBRO with approx. 3.5-4.0 litres of water.

Composition: lime, cement, silica sand 0/4 mm, in compliance with EN 13139.

Packaging: 25 kg bags.

Yield: 1 m³ of already mixed mortar is equal to approx. seventy 25 kg. 19 kg/m²/cm of render.



HR15

For fire-resistant constructions with high structural characteristics. HR15 is a HIGH STRENGTH render RESISTANT TO FIRE. It is particularly suitable for laying concrete and cement blocks and brickwork and is also suitable for rendering. It may be used for protecting and repairing concrete structures, in compliance with EN 1504-3.



TECHNICAL DATA:

Fire resistance: REI 180.

Mixing ratio: 1 25 kg bag of HR10 FIBRO with approx. 3.5 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: ≥ 15 N/mm².

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 20 kg/m²/cm of render - 20 kg/m² of wall made of cement blocks measuring 20x20x40 cm.



MaltaBASTARDA

The innovative formulate to make masonry and render quickly. Ready-mixed mortar with guaranteed performance figures for internal and external render, load-bearing and partition walls, sealing water pipes and/or cable runs and for installing shower troughs and sanitary fittings.



TECHNICAL DATA:

Fire resistance: EI 240.

Mixing ratio: 1 25 kg bag of MaltaBASTARDA with approximately 3.5 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: ≥ 6 N/mm².

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 18 kg/m²/cm of render - 22 kg/m² of wall made of bricks measuring 12x12x24 cm.



MaltaVISTA

For highly attractive, natural finish resistant to the trials of time. Its special formulation makes MaltaVISTA suitable for structurally-solid, natural finish masonry, guarantees insulation against water ingress and reduces the phenomenon of efflorescence, while its high plasticity makes it possible to adjust the position of blocks and bricks when laying.



TECHNICAL DATA:

Mixing ratio: 1 25 kg bag of MaltaVISTA with approximately 3.5 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: ≥ 5 N/mm².

Capillary action water absorption:

≤ 0.15 kg / (m² x min0.5).

Aggregate: 0/1 mm.

Packaging: 25 kg bags.

Yield: 40 kg/m² of wall.



VAGALighTher

Ultra-light rendering mortar, particularly recommended to create HEAT-INSULATING SYSTEMS and PROTECTIVE FIREPROOF RENDER in compliance with the prescriptions of Ministerial Decree MD 16th February 2007, "Fire-resistance classification of construction products and elements for construction work". VAGALighTher is characterised by its ease of use and excellent workability and is the ideal product for all those situations where protective, fireproof render and heat-insulating mortar are required.



TECHNICAL DATA:

Fire resistance: M.D. 16th Feb. 2007.
Mixing ratio: one 20 kg bag of VAGALighTher with approx. 3.5 litres of water.
Mixing time: 3 mins.
Pot life of mix: 30-40 mins.
Compressive strength after 28 days: ≥ 10 N/mm².
Particle size: silica aggregates 0/2 mm.
Packaging: 20 kg bags.
Yield: 11 kg/m²/cm of render.

29.2 Pre-blended mortars for the building industry



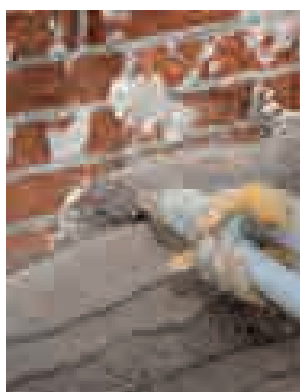
INTO+

Ready-mixed hydrated lime and cement-based powdered base render with high workability applied with a rendering machine on internal and external substrates made from: hydrated lime, Portland cement, graded sand and additives to improve its workability and adhesion.



TECHNICAL DATA:

Mixing ratio: 5.8 litres for 25 kg bag.
Compressive strength: ≥ 2 N/mm².
Aggregate: 0/1.5 mm.
Packaging: 25 kg bags.
Yield: 13.5 kg/m²/cm of render.



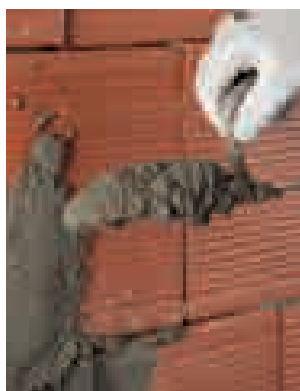
INTO+ Fibro

Ready-mixed fibre-reinforced hydrated lime and cement-based powdered base render applied with a rendering machine on internal and external substrates made from: hydrated lime, Portland cement, graded sand, fibres and additives to improve its workability, adhesion and flexural strength.



TECHNICAL DATA:

Mixing ratio: 5.8 litres for one 25 kg bag.
Compressive strength after 28 days: ≥ 2.0 N/mm².
Aggregate: 0/1.5 mm.
Packaging: 25 kg bags.
Yield: 13.5 kg/m²/cm of render finish.



MALTA+ Fibro

Ready-mixed fibre-reinforced powdered mortar applied using manual tools on exposed masonry made from: Portland cement, hydraulic lime, graded sand, fibres and additives to improve its application characteristics. Suitable for a wide variety of uses such as general building work and rendering internal and external masonry made from bricks, concrete blocks, stone, etc. Its special formulation facilitates application using manual tools, including by operators not specialised in this type of work. The fibres and special additives in the mortar contrast the effect of hydraulic shrinkage and reduce the risk of crack formation to a minimum, including when rendering heterogeneous substrates.



TECHNICAL DATA:

Mixing ratio: one 25 kg bag of MALTA+ FIBRO with approx. 4.0 litres of water.
Mixing time: 3 minutes.
Compressive strength: ≥ 6.0 N/mm².
Capillary action water absorption: ≤ 0.50 kg / (m² x 0.5 min).
Aggregate: 0/1.5 mm.
Packaging: 25 kg bags.
Yield: 16 kg/m²/cm.



RASA+

RASA+ is a one-component water-repellent normal-hardening fine-textured grey cementitious skimming mortar supplied in powder form made from special high-strength binders, selected aggregates, special admixtures and synthetic polymers. When RASA+ is mixed with water, its special composition forms a highly-adhesive mortar with excellent workability which makes it easier to apply with a smooth trowel and easier to finish the surface with a metal or sponge float.



TECHNICAL DATA:

Mixing ratio: it may be mixed with FIBROstabilitura or BIOstabilitura VAGA.

Classification: EN 998-1 - type GP mortar, category CS IV; EN 1504-2 - coating (C) principles MC and IR.

Compressive strength after 28 days: ≥ 16 N/mm².

Colour: grey.

Particle size: silica aggregates 0/0.4 mm.

Packaging: 25 kg bags.

Yield: 1.3 kg/m²/mm of finish.

29.3 Concrete for the building industry



BEtonFluid

BEtonFluid is a high-strength (Rck 40 N/mm²), self-compacting concrete (SCC) made by VAGA, ideal for manufacturing all types of structural elements with a natural finish. BEtonFluid is particularly suitable for casting into special formwork, including where there is a high density of reinforcement rods, without the risk of segregation.



TECHNICAL DATA:

Characteristic strength: Rck 40.

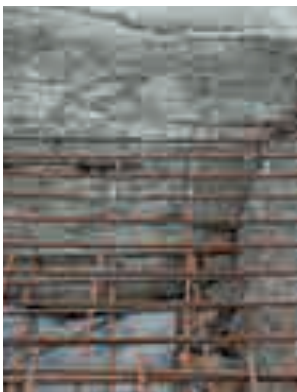
Exposure class: XC4, XD2, XS1, XF1, XA2.

Water/cement ratio: ≤ 0.45 .

Aggregate: mixed sand.

Packaging: 25 kg bags.

Yield: 86 bags = 1 m³.



CALCESTRUZZO RCK30

CALCESTRUZZO RCK30 by Vaga is ideal for making CAST STRUCTURAL ELEMENTS AND MEMBERS with guaranteed mechanical performance characteristics such as beams, pillars, foundation plinths, floor slabs, etc.; EXPOSED ELEMENTS AND MEMBERS such as stairs, floors and walls; CONCRETE FLOORS; CAST CONCRETE EXPOSED TO (EN206-1): dry surroundings (XC1) and wet surroundings (XC2).



TECHNICAL DATA:

Characteristic strength: Rck 30.

Consistency class: S4 (fluid).

Exposure class: XC2.

Water/cement ratio: 0,60.

Aggregate: 0/15 mm.

Packaging: 25 kg bags.

Yield: 86 bags = 1 m³.



CALCESTRUZZO RCK40

CALCESTRUZZO RCK40 by Vaga is ideal for making: high strength CAST STRUCTURAL ELEMENTS AND MEMBERS such as beams, pillars, foundation plinths, floor slabs, etc.; EXPOSED ELEMENTS AND MEMBERS such as stairs, floors and walls; CONCRETE FLOORS; CAST CONCRETE EXPOSED TO (EN206-1): moderately damp surroundings (XC3), cyclical wet/dry surroundings (XC4), airborne salt (XS1), other chlorides (XD2), surroundings with freeze/thaw cycles (XF1), chemical attack (XA1).

TECHNICAL DATA:

Characteristic strength: Rck 40.

Consistency class: S4 (fluid).

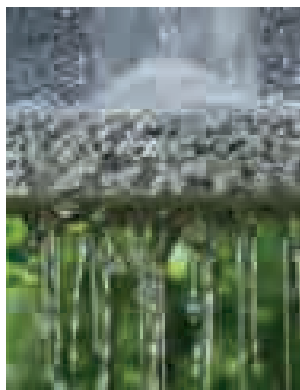
Exposure class: XC4 / XS1 / XD2 / XF1 / XA1.

Water/Cement ratio: 0,50.

Aggregate: 0/15 mm.

Packaging: 25 kg bags.

Yield: 86 bags = 1 m³.

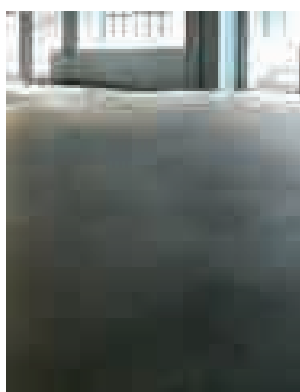


Dreno

DRENO permeable concrete: ideal for making floors with very high drainage capacity (> 640 mm/min), including in those places difficult to reach with conventional casting systems.

TECHNICAL DATA:

Drainage capacity: > 640 mm/min.
Compressive strength: > 15 N/mm².
Aggregate: 6/10 mm.
Density of fresh mortar: > 1850 kg/m³.
Percentage of cavities: > 15%.
Packaging: 25 kg bags.
Yield: 68 bags = 1 m³.



EXTRABETON

EXTRABETON by Vaga is ideal for making: high-strength, durable CAST STRUCTURAL ELEMENTS AND MEMBERS such as beams, pillars, foundation plinths and floor slabs, including those resistant to chemicals (to be verified with VAGA TECHNICAL SERVICES); FLOORS IN INDUSTRIAL ENVIRONMENTS AND FLOORS WITH VEHICLE ACCESS (including those resistant to FREEZE/THAW cycles); ALL TYPES OF CONTAINMENT BASINS (e.g. for drinking water, water with aggressive chemicals, depuration basins, sewer systems, etc.); STRUCTURAL ELEMENTS AND MEMBERS such as stairs and floors; CAST CONCRETE EXPOSED TO (EN206-1): cyclical wet/dry surroundings (XC4), airborne salt (XS3), other chlorides (XD3), surroundings with freeze/thaw cycles (XF2 - XF3 - XF4) and chemical attack (XA1 - XA2* - XA3*).

(* to be verified with VAGA TECHNICAL SERVICES)

TECHNICAL DATA:

Characteristic strength: Rck 50.
Consistency class: S4 (fluid).
Exposure class: XC4 / XS3 / XD3 / XF4 / XA1 - XA3* (ARS version).
Water/cement ratio: 0,45.
Aggregate: 0/15 mm.
Packaging: 25 kg bags.
Yield: 86 bags = 1 m³.



SAETTA

When time is tight and quality is a must. SAETTA ultra high performance quick beton with a low shrinkage rate. The formulate complies with EN 206-1 standards, *"and allows the time required for building work to be considerably reduced, including structural work, thanks to a stripping being time of just 2 hours!"*.

TECHNICAL DATA:

Compressive strength:
 2 hours ≥ 9.5 N/mm²;
 4 hours ≥ 11.5 N/mm²;
 8 hours ≥ 12.0 N/mm²;
 24 hours ≥ 13.0 N/mm²;
 7 days ≥ 30.0 N/mm²;
 4 hours ≥ 40.0 N/mm².
Consistency class: S5 (super-fluid).
Water/cement ratio: ≤ 0.51.
Aggregate: mixed sand.
Packaging: 25 kg bags.
Yield: 87 bags = 1 m³



VAGAQUARZ

VAGAQUARZ is a mixture of particularly hard, natural mineral aggregates (quartz) which is used to protect concrete floors. It is particularly recommended for use in industrial environments and in warehouses where there is a high volume of vehicles in transit. It may be used to create attractive finishes in a variety of colours. VAGAQUARZ is supplied ready to use, is pre-mixed with cement, additives and fillers and may be applied either manually or with power tools over wet concrete.

TECHNICAL DATA:

Colour: grey; other colours available on request.
Particle size: 0.5-1.4.
Hardness (Mohs scale): 6°-7°.
Compressive strength after 28 days: 63.28 N/mm².
Flexural strength: 7.24 N/mm².
Resistance to abrasion: A9.
Setting time: 60 mins.
Set to foot traffic: 24-36 hours.
Packaging: 25 kg bags.
Yield: manual application 5.5 kg/m² - machine application 12 kg/m².

29.4 Screeds for the building industry



SabbiaCEMENTO

Formulate with special acrylic admixtures for any type of high-performance screed. Ready-mixed cementitious screed suitable for laying all types of bonded and floating screeds, including heated screeds. Set to foot traffic after approximately 16 hours, wait 36 hours before laying ceramic tiles and 14 days for parquet and resilient coverings.



TECHNICAL DATA:

Soundproofing against the noise of footsteps: $\Delta L_w = 23$ dB.
Mixing ratio: 1 25 kg bag of SabbiaCEMENTO with approx. 1 litre of water.
Mixing time: until completely blended.
Pot life of mix: 60 minutes
Compressive strength after 28 days: ≥ 20 N/mm².
Flexural strength after 28 days: ≥ 4 N/mm².
Packaging: 25 kg bags.
Yield: 20 kg/m²/cm.



TurboMASS

Special formulate for making fibre-reinforced quick-drying ready-mixed screed, particularly suitable for laying flooring substrates, including heated floor substrates, when drying times need to be reduced. TURBOMASS sets to foot traffic after 3-4 hours and dries after 4 days and is ready for laying parquet and resilient floor coverings.



TECHNICAL DATA:

Mixing ratio: 1 x 25 kg bag of TURBOMASS with approx. 1 litre of water.
Mixing time: until completely blended.
Pot life of mix: 20 mins.
Compressive strength after 28 days: ≥ 25 N/mm².
Flexural strength after 28 days: ≥ 5 N/mm².
Packaging: 25 kg bags.
Yield: 20 kg/m²/cm.

29.5 Service products



MB1 Pavicalce

Ready-mixed masonry and rendering mortar with dry aggregates for internal and external render, load-bearing and partition walls and for sealing hydraulic and electrical pipe-work.

TECHNICAL DATA:

Compressive strength after 28 days: ≥ 6 N/mm².
Mixing ratio: 1 bag of MB1 Pavicalce with approx. 3.75 litres of water.
Mixing time: 5 mins.
Pot life of mix: 20 mins.
Packaging: 25 kg bags.
Yield: 18 kg/m²/cm of render - 22 kg/m² of wall.



NERO+

NERO+ is a cold, ready to use bitumen conglomerate supplied in bags. It is made from a mixture of aggregates, crushed sand and mineral additives (fillers) hot-blended with bitumen emulsion made with non-toxic flux oils.

TECHNICAL DATA:

Application temperature: $> 5^{\circ}\text{C}$.
Packaging: 25 kg bags.

29. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY



SABBIASAL

SABBIASAL is a new, freeze-resistant product made from a special mixture of sodium chloride and a calibrated granulometric curve of silica sand, which makes it ideal for protecting road surfaces by reducing the amount of ice and snow that forms and settles on them, thus offering better grip for moving vehicles.

TECHNICAL DATA:

Composition: sodium chloride (NaCl) in a granulometric curve of 0/10 mm and silica sand in a granulometric curve of 0/5 mm.

Packaging: 20 kg bags.



VAGASAL

VAGASAL is high efficiency, damp sodium chloride in a calibrated granulometric curve of 0/10 mm and is used to reduce the amount of ice and snow that forms and settles on the surface of roads.

TECHNICAL DATA:

Composition: sodium chloride (NaCl) in a granulometric curve of 0/10 mm.

Packaging: 25 kg bags.

29.6 Damp aggregates for the building industry



FRANTUMATA

Crushed washed selected aggregate ideal for coarse and rustic finish render, integrating concrete mixes and making floor screeds.



TECHNICAL DATA:

Particle size: from 0.1 mm to 4.0 mm.

Category: 0/2 mm according to EN 12620.

Category: 0/2 mm according to EN 13139.

Category: 0/2 mm according to EN 13043.

Category: 0/2 mm according to EN 13242.

Packaging: VAGA FRANTUMATA sand is available in:

- 25 kg bags;
- bulk;
- 1.5 t big bags.



MISTA

Selected, washed aggregates with the CE symbol, suitable for concrete, bitumen conglomerates and site mortar. Ideal for preparing beton on site for small building jobs and for all applications which require a blend of calibrated aggregates with a maximum diameter of 10.0 mm.



TECHNICAL DATA:

Grain size: from 0.1 mm to 10.0 mm.

Category: 0/8 mm according to EN 12620.

Category: 0/8 mm according to EN 13139.

Packaging: VAGA MISTA sand is available:

- in 25 kg bags;
- bulk;
- in 1.5 t big bags.



TICINO

Selected, washed aggregates with the CE symbol, suitable for concrete, bitumen conglomerates and site mortar. Ideal for preparing finishing mortar and fine render on site. Also used in horticulture and in all those sectors and applications where the use of extra-fine natural sand is required.



TECHNICAL DATA:

Grain size: from 0.1 mm to 0.9 mm.
Category: 0/1 mm according to EN 12620.
Category: 0/1 mm according to EN 13139.
Packaging: VAGA TICINO sand is available:
– in 25 kg bags;
– bulk;
– in 1.5 t big bags.



VAGLIATA

Selected, washed aggregates with the CE symbol, suitable for concrete, bitumen conglomerates and site mortar. Ideal for installation substrates for laying self-locking solid blocks, mixing mortar and rough or rustic-finish render on site, installing floor screeds on site and all applications which require graded sand with a maximum diameter of 4.0 mm.



TECHNICAL DATA:

Grain size: from 0.1 mm to 4.0 mm.
Category: 0/4 mm according to EN 12620.
Category: 0/4 mm according to EN 13139.
Packaging: VAGA VAGLIATA sand is available:
– in 25 kg bags;
– bulk;
– in 1.5 t big bags.



VAGLIATA Super

Ideal for installation substrates for laying self-locking solid block flooring, mixing coarse and rustic finish mortar and render on site, installing flooring screeds on site and all those applications that require graded sand with a maximum diameter of 4.0 mm.



TECHNICAL DATA:

Particle size: from 0.1 mm to 4.0 mm.
Category: 0/4 mm according to EN 12620.
Category: 0/4 mm according to EN 13139.
Packaging: VAGA VAGLIATA SUPER sand is available in:
– 25 kg bags;
– bulk;
– 1.5 t big bags.

29.7 Dry aggregates for the building industry



VG03S

Ideal for sealing and filling joints when laying self-locking solid blocks, building sand for wood and bricks and removing the following from surfaces: smog, graffiti, dirt and carbonatation; medium-abrasion and depth sand-blasting to improve the bond of varnish, render, etc. to surfaces.



TECHNICAL DATA:

Humidity level: less than 0.5%.
Grain size: from 0.3 mm to 1.0 mm.
Category: 0/1 mm according to EN 13139.
Packaging: VAGA VG03S sand is available:
– in 25 kg bags;
– bulk;
– in 1.5 t big bags.



VG15

Ideal for sealing and filling joints when laying self-locking solid blocks, preparing smoothing and finishing compounds on site and for all those applications which require natural fine sand.



TECHNICAL DATA:

Humidity level: less than 0.5%.

Grain size: from 0.3 mm to 0.6 mm.

Category: 0/1 mm according to EN 13139.

Packaging: VAGA VG15 sand is available:

- in 25 kg bags;
- bulk;
- in 1.5 t big bags.



VG16SS

Ideal for sealing and filling joints when laying self-locking solid blocks, sand-blasting metallic structures when rust and old surface treatments need to be removed, to create clean surfaces and improve the bond of paints.



TECHNICAL DATA:

Humidity level: less than 0.5%.

Grain size: from 0.3 mm to 1.25 mm.

Category: 0/1 mm according to EN 13139.

Packaging: VAGA VG16SS sand is available:

- in 25 kg bags;
- bulk;
- in 1.5 t big bags.



VG17FS

Ideal for sealing and filling joints when laying self-locking solid blocks, sand-blasting ironwork and highly abrasive, deep-down surface treatments to remove residues of tar, deteriorated concrete, etc.



TECHNICAL DATA:

Humidity level: less than 0.5%.

Grain size: from 0.6 mm to 1.6 mm.

Category: 0/2 mm according to EN 13139.

Packaging: VAGA VG17FS sand is available:

- in 25 kg bags;
- bulk;
- in 1.5 t big bags.



[Redacted text block]

[This section contains 28 horizontal grey bars for taking notes.]

[Redacted text block]

[This area contains 28 horizontal grey bars for taking notes.]

[Redacted text block consisting of 30 horizontal grey bars]

[This section contains 28 horizontal grey bars, serving as a template for handwritten notes.]

[Redacted text block]

[This section contains 28 horizontal grey bars for taking notes.]

ITALY

MAPEI S.P.A.

Con Socio Unico

HEAD OFFICE

Via Cafiero, 22 - 20158 Milan
Tel. +39 02 37673.1
Fax +39 02 37673.214
www.mapei.com - mapei@mapei.it

MAPEIWORLD MILAN SPECIFICATION CENTRE

Viale Jenner, 4 - 20159 Milan
Tel. +39 02 37673.1 - training@mapei.it

OFFICES IN MILAN

• Viale Jenner, 4 - 20159 Milan
Tel. +39 02 37673.1

Fax +39 02 37673.214

• Via Valtellina, 63 - 20159 Milan

Tel. +39 02 37673.1

Fax +39 02 37673.214

OFFICE IN ROME

Viale Libano, 28 - 00144 Rome
Tel. +39 06 5929211
Fax +39 06 59290337

OFFICE IN LECCE

Via Adriatica, 2 B (ang. viale Porta d'Europa) - 73100 Lecce
Tel. +39 0832 246551
Fax +39 0832 248472
ufficio.lecce@mapei.it

OFFICE IN CIVITANOVA MARCHE

Viale San Luigi Versilia, 38/40
62012 Civitanova Marche (MC)
Tel. +39 02 376 73 052
ufficio.civitanova@mapei.it

OFFICE IN PISA

Via di Gargalione, 9 - 56121 Pisa
Tel. +39 338 69 00 793
f.falciani@mapei.it

PLANTS

• Strada Provinciale, 159
20060 Robbiano di Mediglia (Milan)
Tel. +39 02 906911
Fax +39 02 90660575
• Via Mediana S.S. 148, km 81,3
04100 Latina
Tel. +39 0773 2548
Fax +39 0773 250391

DISTRIBUTION CENTRE IN SASSUOLO

Via Valle D'Aosta, 46
41049 Sassuolo (Modena)
Tel. +39 0536 803116
Fax +39 0536 805255

EUROPE

AUSTRIA

Mapei Austria GmbH
Nußdorf ob der Traisen
Tel. +43-2783-8891
Fax +43-2783-8891-125
www.mapei.at - office@mapei.at
Plants in Nußdorf ob der Traisen and Langenwang
Distribution centres in Vienna, Hall in Tyrol, Graz, Klagenfurt, Nußdorf and Langenwang

BELGIUM and LUXEMBOURG

Mapei Benelux SA/NV
Grâce-Hollogne
Tel. +32-4-2397070
Fax +32-4-2397071
www.mapei.be - mapei@mapei.be

BULGARIA

Mapei Bulgaria E.O.O.D.
Sofia
Tel. +359 (2) 4899775
Fax +359 (2) 4898723
www.mapei.bg - info@mapei.bg
Plant in Ruse

CROATIA

Mapei Croatia d.o.o.
Sveta Nedelja
Tel. +385-1-3647790
Fax +385-1-3647787
www.mapei.hr - mapei@mapei.hr

CZECH REPUBLIC

Mapei spol. s r.o.
Olomouc - Hodolany
Tel. +420-585-201-151
Fax +420-585-227-209
www.mapei.cz - info@mapei.cz

DENMARK

Mapei Denmark A/S
Vejen
Tel. +45 69 60 74 80
www.mapei.dk - post@mapei.dk

FINLAND

Mapei OY
Espoo
Tel. +358 9 867 8900
info@mapei.fi - www.mapei.fi

FRANCE

Mapei France S.A.
Saint-Alban
Tel. +33-5-61357305
Fax +33-5-61357314
www.mapei.fr - mapei@mapei.fr
Plants in Saint-Alban, Montgru Saint-Hilaire and Saint-Vulbas
MAPEIWORLD Paris
Specification Centre
Tel. +33-1-87448032
mapeiworld-paris@mapei.fr

GERMANY

Mapei GmbH
Großostheim
Tel. +49 6026/50197-0
Fax. +49 6026/50197-48
www.mapei.de - info@mapei.de
Plant in Weferlingen

GREECE

Mapei Hellas SA
Chalkida
Tel. +30-22620-71906
Fax +30-22620-71907
www.mapei.gr
mapeihellas@mapei.gr
Plant in Ritsona

HUNGARY

Mapei Kft.
Budaörs
Tel. +36-23-501670
Fax +36-23-501666
www.mapei.hu - mapei@mapei.hu
Plant in Sósokút

NORWAY

Mapei AS
Sagstua
Tel. +47 62 97 20 00
www.mapei.no - post@mapei.no
Plant in Sagstua

POLAND

Mapei Polska Sp. z o.o.
Gliwice
Tel. +48-32-7754450
Fax +48-32-7754471
Commercial office: Warsaw
Tel. +48-22-5954200
Fax +48-22-5954202
www.mapei.pl - info@mapei.pl
Plants in Gliwice and Barcin

PORTUGAL

Lusomapei S.A.
Castanheira do Ribatejo
Tel. +351 263 860 360
Fax +351 263 860 369
www.mapei.pt - geral@mapei.pt
Plant in Anadia

ROMANIA

Mapei Romania SRL
Bucharest
Tel. +40 21 311 78 19/20
Fax +40 21 311 78 21
www.mapei.ro
office@mapei.ro

RUSSIAN FEDERATION

AO Mapei
Moscow
Tel. +7-495-258-5520
Fax +7-495-258-5521
www.mapei.ru
info@mapei.ru
Plants in Stupino (Moscow region), Aramil (Ekaterinburg region) and Kikerino (S. Petersburg region)
Representative office in Almaty (Kazakhstan)

SERBIA

MAPEI SRB d.o.o. Beograd
Leštane, Beograd
Tel.: +381 (0)11 40 46 977
www.mapei.rs
office@mapei.rs
Distribution Centre in Leštane (Beograd)

SLOVAK REPUBLIC

Mapei SK s.r.o.
Ivanka pri Dunaji
Tel. +421-2-4020 4511
www.mapei.sk - office@mapei.sk

SLOVENIA

Mapei d.o.o.
Novo mesto
Tel. +386-1-7865050/51 - Fax +386-1-7865055
www.mapei.si - mapei@mapei.si
Distribution centre in Grosuplje

SPAIN

Mapei Spain SA
Santa Perpetua de Mogoda (Barcelona)
Tel. +34-93-3435050 - Fax +34-93-3024229
www.mapei.es - mapei@mapei.es
Plants in Amposta (Tarragona) and Cabanillas del Campo (Guadalajara)
Distribution Centres in Onda (Castellón) and Marratxí (Mallorca)

SWEDEN

Mapei AB
Bromma
Tel. +46-8-52509080
www.mapei.se - info@mapei.se

SWITZERLAND

Mapei Suisse SA
Sorens / FR
Tel. +41-26-9159000 - Fax +41-26-9159003
www.mapei.ch - info@mapei.ch
Plant in Sorens

THE NETHERLANDS

Mapei Nederland B.V.
Apeldoorn
Tel. +31-85 00 69 200 - Fax +31-85 00 69 299
www.mapei.nl - mapei@mapei.nl

TURKEY

Mapei Yapı Kimyasalları İnc. at San. ve Tic. A.Ş.
Ankara Office: Tel. +90 312 227 84 84
Fax +90 312 227 84 80 - info@mapei.com.tr
Istanbul Office: Tel. +90 216 455 20 12
Fax +90 216 455 02 26
infoistanbul@mapei.com.tr
Izmir Office: Tel. +90 232 502 35 02
infoizmir@mapei.com.tr
Polatli plant: Tel. +90 312 626 51 52
Fax +90 312 626 50 85 - www.mapei.com.tr

UKRAINE

Mapei Ukraine LLC
Kyiv
Tel. +38 044 221 15 01
Fax +38 044 393 14 52
www.mapei.com.ua - office@mapei.ua
Distribution centre in Zazimje village

UNITED KINGDOM

Mapei U.K. Ltd
Halesowen
Tel. +44-121-5086970 - Fax +44-121-5086960
www.mapei.co.uk
info@mapei.co.uk
MAPEIWORLD London, Clerkenwell
Specification Centre
Tel. +44-203-302 9610
clerkenwell@mapei.co.uk
Plant and distribution centre in Halesowen

THE AMERICAS

ARGENTINA Mapei Argentina SA

Escobar, Buenos Aires
Tel./Fax +54 (348) 443-5000
www.mapei.com.ar
Plant in Escobar, Buenos Aires
Distribution centre in Córdoba

BRAZIL Mapei Brasil Materiais de Construção Ltda

São Paulo
Tel. +55 11 3386-5151
www.mapei.com.br
info@mapei.com.br

CANADA Mapei Inc.

Laval, Québec
Tel. +1-450-662-1212
Fax +1-450-662-0444
www.mapei.ca
Plants in Brampton (ON), Delta (BC), Laval (QC),
Maskinongé (QC)
Distribution centre in Calgary (AB)

COLOMBIA Mapei Colombia S.A.S.

La Estrella, Antioquia
Tel. +57-4-444 65 15
www.mapei.com.co - info@mapei.com.co
Distribution Centres in Bogotá and Barranquilla

COSTA RICA Mapei Construction Chemicals Panama S.A. (Costa Rica branch)

Lagunilla de Heredia
Tel. +506-2237-3689
mapeicostarica@mapei.com.pa

MEXICO Mapei de México, S.A. de C.V.

Querétaro, Qro.
Tel. +52 442 209 5022
01 800 696 27 34
www.mapei.mx
mercadotecniamx@mapei.com
Plants: Zimapan Hgo.; Cancún Q.R.
Distribution centre: Querétaro Qro.

PANAMA Mapei Construction Chemicals Panama S.A.

Panama City
Tel. +507 261 9549
Fax +507 261 9550
www.mapei.com.pa
mapeipanama@mapei.com.pa
Additive Plant in Panama City

PERU Mapei Perú SAC

Lurín - Lima
Tel. +51 1 500 6180
www.mapei.com.pe
info@mapei.com.pe
Plant in Lima

PUERTO RICO Mapei Caribe Inc.

Dorado
Tel. +1-787-270-4162 - Fax +1-787-883-1669
www.mapei.com/PR
Plant in Dorado

U.S.A. Mapei Corporation

Deerfield Beach, Florida
Tel. +1-954-246-8888
Fax +1-954-246-8800
www.mapei.us
Plants in Dalton (GA), Eagan (MN), Fort Lauderdale
(FL), Fredericksburg (VA), Garland (TX),
Swedesboro (NJ), Madison (IL), San Bernardino
(CA), Tempe (AZ) and West Chicago (IL)
Distribution centres in Calhoun (GA) and
Wildwood (FL)

VENEZUELA Mapei de Venezuela CA

Caracas
Tel. +58-212-991-1797
+58-212-991-9423
www.mapei.com.ve
mapeivenezuela@hotmail.com
Plant in Cagua Estado Aragua

ASIA

CHINA - Mapei Construction Materials (Guangzhou) Co. Ltd.

Guangzhou
Tel. +86-20 8365 3489
www.mapei.com.cn
enquiry@mapei.com.cn
Plant in Conghua (Guangzhou)

HONG KONG S.A.R. Mapei China Ltd

Hong Kong
Tel. +852-21486816 - Fax +852-25121328
www.mapei.com.hk
mapei@mapei.com.hk

INDIA - Mapei Construction Products India Pvt Ltd

Bangalore
Tel. +91 80 2222 1820, 2222 1840
Fax +91 80 2222 1810
www.mapei.co.in - infoindia@mapei.co.in
Plants in Bangalore and Vadodara
Offices in Mumbai and New Delhi

INDONESIA - PT MAPEI Indonesia Construction Solutions

Jakarta City Office
Tel. +62 21 782 6976
Cikarang Plant Office
Tel. +62 21 8911427
Fax +62 21 8990 6052
www.mapei.co.id - mapei@mapei.co.id
Plant in Lippo Cikarang, Bekasi

SOUTH KOREA - Mapei Korea Ltd.

Seoul
Tel. +82-2-2199-2000
Fax +82-2-2155-2060
www.mapei.co.kr - mapei@mapei.co.kr
Plant in Cheonan (Chungcheongnam-do)

MALAYSIA Mapei Malaysia Sdn Bhd

Petaling Jaya
Tel. +603-7842 9098
Fax +603-7842 6197
www.mapei.com.my - mapei@mapei.com.my
Plant in Nilai

PHILIPPINES Mapei Philippines Inc.

Binan Laguna
Tel. +63 049 250-2427
admin.ph@mapei.com.ph

QATAR - Mapei Doha L.L.C

Doha
Tel. +974 4 423 1308
Fax +974 4 423 1100
www.mapei.qa - info@mapei.qa

SAUDI ARABIA Mapei Saudia L.L.C

Riyadh
www.mapei.com.sa - info@mapei.com.sa

SINGAPORE Mapei Far East Pte Ltd

Singapore
Tel. +65-68623488
Fax +65-68621012 / 68621013
www.mapei.com.sg - mapei@mapei.com.sg
Plant in Singapore

UNITED ARAB EMIRATES Mapei Construction Chemicals L.L.C

Dubai
Tel. +971 4 815 6666 - Fax +971 4 885 8438
www.mapei.ae - info@mapei.ae
Plant in Dubai

VIETNAM - Mapei Vietnam Ltd

Quang Nam Province
Tel. +84-235-3565 801-7
Fax +84-235-3565 800
Northern Branch in Ha Noi Capital
Tel. +84-24-3928 7924-6
Fax +84-24-3824 8645
Central Branch in Da Nang City
Tel. +84-236-3565 001-4
Fax +84-236-3562 976
Southern Branch in Ho Chi Minh City
Tel. +84-28-3512 1045/6/7-3899 2845
Fax +84-28-3899 2842
www.mapei.com.vn - marketing@mapei.com.vn
Plant in Chu Lai

OCEANIA

AUSTRALIA Mapei Australia Pty Ltd

Brisbane
Tel. +61 7 3276 5000
Fax +61 7 3276 5076
www.mapei.com.au
sales@mapei.com.au
Plant in Wacol

NEW ZEALAND Mapei New Zealand Ltd

Auckland
Tel. +64-9-9211994
Fax +64-9-9211993
www.mapei.co.nz
enquiries@mapei.co.nz

AFRICA

EGYPT Mapei Egypt For Construction Chemicals S.A.E.

Cairo
Tel. +20 2 2537 0000
Fax +20 2 2537 0004
www.mapei.eg
info@mapei.eg

Kenya Mapei East Africa Ltd

Nairobi
P.O. Box 9436 - 00100
Tel. +254 709045000
www.mapei.co.ke
info@mapei.co.ke

SOUTH AFRICA Mapei South Africa (Pty) Ltd

Johannesburg
Tel. +27 11 5528476
Cape Town office
Tel. +27 11 552 8476
Fax +27 86 232 6931
www.mapei.co.za
info@mapei.co.za
Plant in Germiston

HEAD OFFICE
MAPEI S.p.A.
Via Cafiero, 22 - 20158 Milan
Tel. +39-02-37673.1
mapei.com
mapei@mapei.it

