

BUILDING SPECIALITY LINE



www.mapei.com

MAPEI[®]

ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING

Building speciality line

Concrete, once thought to be indestructible, is subject to a series of heavy chemical, physical, biological and mechanical attacks which, in the long term, cause its deterioration. The rise in building costs means that it is almost always more convenient to restore it. Even in very serious situations. The same applies to the masonry of historic buildings or of new construction.

Today, MAPEI can offer the most appropriate selection of materials for every kind of restoration work.

Thanks to more than sixty years of experience MAPEI has an enormous range of chemical products for building and major construction works: hydraulic binders, ready-mix mortars, waterproofing and protective agents, structural adhesives, flexible sealants and special renders. The right product for every situation; from dams to viaducts, from historic buildings to the construction for the future. For this reason MAPEI can answer any building or project requirement for the modern age construction as well as restoration programs.

For further information on the products refer to the technical data sheets contained in the MAPEI Global Infonet DVD and on the MAPEI website www.mapei.com.



*** Our Commitment To The Environment**
More than 150 MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

Substrate preparation



SOUNDPROOFING SYSTEMS FOR FLOORING

Mapesilent Panel	8
Mapesilent Roll	8
Mapesilent Band	9
Mapesilent Door	9
Mapesilent Tape	9

SCREED PREPARATION AND REPAIRING

Mapecem	10
Mapecem Pronto	10
Topcem	11
Topcem Pronto	11
Eporip	12
Eporip Turbo	12
Planicrete	13
Mapefluid N200	14
Dynamon SX	15
Mapefluid PZ500	15

PRIMERS

Mapeprim SP	16
Primer G	16
Eporip	17
Primer SN	17

SMOOTHING SCREDS AND EXISTING FLOORING

Ultraplan Eco	18
Ultraplan	19
Ultraplan Maxi	19
Plano 3	20
Fiberplan	20
Nivorapid	21
Latex Plus	21

Repair of concrete



PROTECTING REINFORCING RODS

Mapefer	22
Mapefer 1K	22

REPAIRING WITH CONTROLLED SHRINKAGE MORTARS

Mapegrout Thixotropic	23
Mapegrout T40	24
Mapegrout T60	25
Mapegrout FMR	25
Fibres FF	25
Mapegrout Easy Flow GF	26
Mapegrout BM	26
Mapegrout Fast-Set	26
Planitop 400	27
Planitop 430	27
Mapegrout Gunite	28
Mapegrout Hi-Flow	28
Mapegrout Hi-Flow GF	28
Mapegrout Hi-Flow TI 20	29
Fibres R60	29
Mapegrout SV	30
Mapegrout SV T	30
Mapegrout SV Fiber	30
Fibres R38	31
Gravel 3-5	31
Gravel 6-10	31
Mapestart 1	31

REPAIRING WITH CEMENTITIOUS BINDERS

Stabilcem	32
Stabilcem SCC	32
Gravel 0-8	33
Gravel 0-15	33

REPAIRING WITH EPOXY RESINS

Mapefloor EP19	34
Planigrout 300	34

Repair of cracked concrete by injection and casting



Eporip	34
Eporip Turbo	35
Epojet	35
Epojet LV	35
Foamjet F	36
Foamjet T	36
Stabilcem	37

Smoothing concrete surfaces and renders



Planitop 100	38
Planitop 200	38
Monofinish	39
Mapefinish	39
Mapelastic	39
Mapelastic Smart	40
Planitop 520	40
Planitop 530	40
Planitop 540	41
Planitop 560	41
Planitop 580	41
Planitop HDM	42
Planitop HDM Maxi	42
Adesilex FIS13	42
Elastocolor Rasante	43
Elastocolor Rasante SF	43
Elastocolor Net	43

Structural bonding with epoxy resins



Adesilex PG1	44
Adesilex PG1 Rapido	44
Adesilex PG2	45
Adesilex PG4	45
Eporip	46
Epojet	46
Epojet LV	46

Structural reinforcement with FRP



CARBON AND GLASS FIBRE PLATES, BARS, PIPES AND FABRICS	
Carbotube	47
Injectors Ø23	47
Epojet	48
Maperod C	48
Maperod G	48
Carboplate	49
Adesilex PG1	49
Adesilex PG1 Rapido	49
Adesilex PG2	50
MapeWrap C UNI-AX	50
MapeWrap C UNI-AX HM	50
MapeWrap C BI-AX	50
MapeWrap C QUADRI-AX	51
MapeWrap C FIOCCO	52
MapeWrap G UNI-AX	52
MapeWrap G QUADRI-AX	53
MapeWrap G FIOCCO	53
MapeWrap S FIOCCO	54
MapeWrap Primer 1	54
MapeWrap 11	55
MapeWrap 12	55
MapeWrap 21	55
MapeWrap 31	56
Mapegrid G 120	56
Mapegrid G 220	57
Planitop HDM	57
Planitop HDM Maxi	57

Waterproofing



Mapelastic	58
Mapelastic Smart	58
Mapelastic Foundation	59
Monolastic	59
Monolastic Ultra	60
Elastocolor Waterproof	60
Fibreglass Mesh	60
Mapetex Sel	61
Mapecoat BS 1	61
Idrosilex	62
Idrosilex Pronto	62
Mapegum WPS	63
Mapegum EPX	63
Mapegum EPX-T	63
Aquaflex System	64
Triblock P	64
Triblock Finish	64
Quartz 0.25	65
Quartz 0.5	65
Quartz 1.2	65
Quartz 1.9	65
Isamite	65
Plastimul Primer	66
Plastimul	66
Plastimul 1K Super Plus	66
Plastimul 2K	67
Plastimul 2K Super	67
Plastisol 1	67
Resfoam 1 KM	68
Foamjet F	68
Foamjet T	68
Mapegel 50	69
Lamposilex	69
Mapeproof	70
Mapeproof LW	70
Mapeproof CD	70
Mapeproof Mastic	71
Mapeproof Seal	71
Mapeproof Swell	71

Dehumidifying



DEHUMIDIFYING RENDERS

Mape-Antique Rinzafo	73
Mape-Antique MC	73
Mape-Antique CC	74
Mape-Antique LC	74
Mape-Antique FC	74
Mape-Antique FC/R	74
PoroMap Rinzafo	75
PoroMap Intonaco	75
PoroMap Rinzafo Macchina	76
PoroMap Intonaco Macchina	76
PoroMap Finitura	77

CHEMICAL BARRIERS

Mapestop	77
-----------------	----

Consolidating masonry and renders



Mape-Antique I	80
Mape-Antique F21	80
Mape-Antique Strutturale	81
Consolidante 8020	81
Primer 3296	81

External thermal insulation system



Adesilex FIS13	83
Mapetherm AR1	83
Mapetherm Ba4	84
Mapetherm Ba6	84
Mapetherm Ba8	84
Mapetherm Ba10	84
Mapetherm XPS 4	84
Mapetherm XPS 5	84
Mapetherm XPS 6	84
Mapetherm XPS 8	84
Mapetherm XPS 10	84
Mapetherm Glass 4	85
Mapetherm Glass 5	85
Mapetherm Glass 6	85
Mapetherm Glass 8	85
Mapetherm Glass 10	85
Mapetherm Cork 4	85
Mapetherm Cork 5	85
Mapetherm Cork 6	85
Mapetherm Cork 8	85
Mapetherm Cork 10	85
Mapetherm EPS 4	85
Mapetherm EPS 5	85
Mapetherm EPS 6	85
Mapetherm EPS 8	85
Mapetherm EPS 10	85
Mapetherm FIX 9	86
Mapetherm FIX 60	86
Mapetherm FIX 80	86
Mapetherm FIX 100	86
Mapetherm FIX B	87
Mapetherm Net	87
Mapetherm Profil	87

Restoration of wooden structures



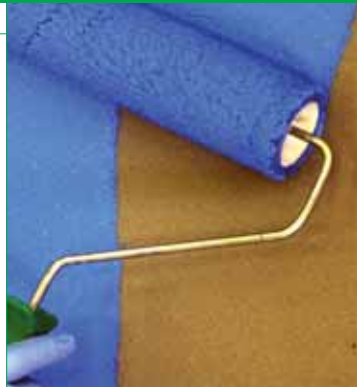
Mapewood Primer 100	78
Mapewood Gel 120	79
Mapewood Paste 140	79

Bonding and smoothing foam bricks and expansive blocks



Porocol	82
Adesilex P4	82

Protecting and decorating concrete and renders



Antipluviol	88
Antipluviol W	88
Antipluviol S	89
Malech	89
Elastocolor Primer	90
Elastocolor Paint	90
Elastocolor Net	90
Elastocolor Rasante	91
Elastocolor Rasante SF	91
Silancolor Cleaner Plus	92
Silancolor Primer	92
Silancolor Primer Plus	93
Silancolor Paint	93
Silancolor Paint Plus	94
Silancolor Tonachino	94
Silancolor Base Coat	95
Silancolor Graffiato	95
Silexcolor Primer	95
Silexcolor Base Coat	96
Silexcolor Paint	96
Silexcolor Tonachino	96
Silexcolor Marmorino	97
Silexcolor Graffiato	97
Quarzolite Paint	98
Quarzolite Base Coat	98
Quarzolite Graffiato	99
Quarzolite Tonachino	99
Colorite Performance	99
Colorite Beton	100
Mapecoat W	100
Mapecoat T	100
Mapecoat I 24	101
Mapecoat DW25	101
Duresil EB	101

Asbestos cement treatment



Vinavil 03V	102
Aquaflex System	102

Anchoring



Mapegrout SV	104
Mapegrout SV T	104
Mapefill	105
Mapefill R	105
Planigrout 300	106
Stabilcem T	106

Anti-graffiti treatments



WallGard Graffiti Barrier	103
WallGard Graffiti Remover Gel	103

Fixing and filling



RAPID FIXING	
Lampocem	107
Mapegrout SV	108
Mapegrout SV T	108

Joining PVC pipes



Adesilex T	109
Adesilex T Super	109

Industrial flooring



Biblock	110
Triblock P	110
Primer MF	111
Primer SN	111
Mesh 320	112
Mapecoat I 300 SL	112
Mapecoat I 300 SL TRP	113
Mapecoat I 320 SL	113
CONCEPT	113
Mapecoat I 350 SL	113
Mapecoat PU 400	114
Mapecoat PU 410	114
Mapecoat CPU/MF	114
Mapecoat CPU/HD	115
Mapecoat I 500 W	115
Mapecoat I 600 W	115
Mapecoat I 900	116
Mapecoat I 910	116
Quartz 0.25	116
Quartz 0.5	116
Quartz 1.2	116
Quartz 1.9	116
Mapecolor Paste	117
Mapecoat I 620 W	117
Mapecoat I 24	117
Mapecoat Finish 50	118
Mapecoat Finish 51	118
Mapecoat Finish 52 W	119
Mapecoat Filler	119
Mapecoat Cleaner ED	120
Mapecoat Wax Remover	120
Mapecoat Lucida	120
Mapecoat Opaca	121
Mapecoat Maintenance Kit	121
Additix PE	121
Ultratop	122
Dynastone Color	123

Repairing sewerage systems



REPAIRING WITH CEMENTITIOUS MORTARS

Sewament 3 Primer	124
Sewament 10	125
Sewament 40	125
Sewament 100	125

INSTALLATION OF ACID-RESISTANT COATINGS

Sewament 1	126
Sewament 2	126

Sealing and waterproofing expansion joints and cold joints



Mapefoam	127
Mapesil AC	127
Mapesil BM	128
Mapesil LM	128
Mapesil Z	129
Mapeflex AC4	129
Mapeflex PU20	130
Mapeflex PU30	130
Primer AS	131
Primer M	131
Mapeflex PU40	131
Mapeflex PU45	132
Mapeflex PU50 SL	132
Mapeflex PB25	132
Mapeflex PB27	133
Mapeband	133
Mapeband TPE	133
Adesilex PG4	134
Idrostop	134
Idrostop Mastic	134
Idrostop B25	135
Idrostop PVC BI	135
Idrostop PVC BE	135

Admixtures for mortars and concrete



Planicrete	136
Mapeplast PT1	136
Idrosilex	137
Mapeplast SF	137
Antifreeze S	137
Expancrete	138
Mapecure SRA	138
Mapestart 1	138
Rescon T	139
Mapeplast UW	139

Curing agents



Elastocolor Primer	140
Mapecure CA	140
Mapecure E	140
Biblock	141
Mapecure S	141
Mapecure SRA	141

Form release agents



DMA 1000 Form Release Agent	142
DMA 2000 Form Release Agent	143
DMA 3000 Form Release Agent	143

Alphabetical index of products

Additix PE	121	Malech	89
Adesilex FIS13	42/83	Mape-Antique CC	74
Adesilex P4	82	Mape-Antique F21	80
Adesilex PG1	44/49	Mape-Antique FC	74
Adesilex PG1 Rapido	44/49	Mape-Antique FC/R	74
Adesilex PG2	45/50	Mape-Antique I	80
Adesilex PG4	45/134	Mape-Antique LC	74
Adesilex T	109	Mape-Antique MC	73
Adesilex T Super	109	Mape-Antique Rinzafo	73
Antifreeze S	137	Mape-Antique Strutturale	81
Antipluviol	88	Mapeband	133
Antipluviol S	89	Mapeband TPE	133
Antipluviol W	88	Mapecem	10
Aquaflex System	64/102	Mapecem Pronto	10
Biblock	110/141	Mapecoat BS 1	61
Carboplate	49	Mapecoat DW25	101
Carbotube	47	Mapecoat I 24	101/117
Colorite Beton	100	Mapecoat I 600 W	115
Colorite Performance	99	Mapecoat I 620 W	117
Consolidante 8020	81	Mapecoat T	100
DMA 1000 Form Release Agent	142	Mapecoat W	100
DMA 2000 Form Release Agent	143	Mapecolor Paste	117
DMA 3000 Form Release Agent	143	Mapecure CA	140
Duresil EB	101	Mapecure E	140
Dynamon SX	15	Mapecure S	141
Dynastone Color	123	Mapecure SRA	138/141
Elastocolor Paint	90	Mapefer	22
Elastocolor Net	43/90	Mapefer 1K	22
Elastocolor Primer	90/140	Mapefill	105
Elastocolor Rasante	43/91	Mapefill R	105
Elastocolor Rasante SF	43/91	Mapefinish	39
Elastocolor Waterproof	60	Mapeflex AC4	129
Epojet	35/46/48	Mapeflex PB25	132
Epojet LV	35/46	Mapeflex PB27	133
Eporip	12/17/34/46	Mapeflex PU20	130
Eporip Turbo	12/35	Mapeflex PU30	130
Expancrete	138	Mapeflex PU40	131
Fiberplan	20	Mapeflex PU45	132
Fibreglass Mesh	60	Mapeflex PU50 SL	132
Fibres FF	25	Mapefloor Cleaner ED	120
Fibres R38	31	Mapefloor CPU/HD	115
Fibres R60	29	Mapefloor CPU/MF	114
Foamjet F	36/68	Mapefloor EP19	34
Foamjet T	36/68	Mapefloor Filler	119
Gravel 0-8	33	Mapefloor Finish 50	118
Gravel 0-15	33	Mapefloor Finish 51	118
Gravel 3-5	31	Mapefloor Finish 52 W	119
Gravel 6-10	31	Mapefloor I 300 SL	112
Idrosilex	62/137	Mapefloor I 300 SL TRP	113
Idrosilex Pronto	62	Mapefloor I 320 SL CONCEPT	113
Idrostop	134	Mapefloor I 350 SL	113
Idrostop B25	135	Mapefloor I 500 W	115
Idrostop Mastic	134	Mapefloor I 900	116
Idrostop PVC BE	135	Mapefloor I 910	116
Idrostop PVC BI	135	Mapefloor Maintenance Kit	121
Injectors Ø23	47	Mapefloor PU 400	114
Isamite	65	Mapefloor PU 410	114
Lampecem	107	Mapefloor Wax Remover	120
Lamposilex	69	Mapefluid N200	14
Latex Plus	21	Mapefluid PZ500	15

Mapefoam	127	Mapetherm EPS 4	85	Plastimul 2K	67
Mapegel 50	69	Mapetherm EPS 5	85	Plastimul 2K Super	67
Mapegrid G 120	56	Mapetherm EPS 6	85	Plastimul Primer	66
Mapegrid G 220	57	Mapetherm EPS 8	85	Plastisol 1	67
Mapegrout BM	26	Mapetherm EPS 10	85	Porocol	82
Mapegrout Hi-Flow	28	Mapetherm FIX 9	86	PoroMap Finitura	77
Mapegrout Hi-Flow GF	28	Mapetherm FIX 60	86	PoroMap Intonaco	75
Mapegrout Easy Flow GF	26	Mapetherm FIX 80	86	PoroMap Intonaco Macchina	76
Mapegrout Fast-Set	26	Mapetherm FIX 100	86	PoroMap Rinzafo	75
Mapegrout FMR	25	Mapetherm FIX B	87	PoroMap Rinzafo Macchina	76
Mapegrout Gunita	28	Mapetherm Glass 4	85	Primer 3296	81
Mapegrout Hi-Flow TI 20	29	Mapetherm Glass 5	85	Primer AS	131
Mapegrout SV	30/104/108	Mapetherm Glass 6	85	Primer G	16
Mapegrout SV Fiber	30	Mapetherm Glass 8	85	Primer M	131
Mapegrout SV T	30/104/108	Mapetherm Glass 10	85	Primer MF	111
Mapegrout T40	24	Mapetherm Net	87	Primer SN	17/111
Mapegrout T60	25	Mapetherm Profil	87	Quartz 0.25	65/116
Mapegrout Thixotropic	23	Mapetherm XPS 4	84	Quartz 0.5	65/116
Mapegum EPX	63	Mapetherm XPS 5	84	Quartz 1.2	65/116
Mapegum EPX-T	63	Mapetherm XPS 6	84	Quartz 1.9	65/116
Mapegum WPS	63	Mapetherm XPS 8	84	Quarzolite Base Coat	98
Mapelastic	39/58	Mapetherm XPS 10	84	Quarzolite Graffiato	99
Mapelastic Foundation	59	Mapewood Gel 120	79	Quarzolite Paint	98
Mapelastic Smart	40/58	Mapewood Paste 140	79	Quarzolite Tonachino	99
Mapelux Lucida	120	Mapewood Primer 100	78	Rescon T	139
Mapelux Opaca	121	MapeWrap 11	55	Resfoam 1 KM	68
Mapeplast PT1	136	MapeWrap 12	55	Sewament 1	126
Mapeplast SF	137	MapeWrap 21	55	Sewament 2	126
Mapeplast UW	139	MapeWrap 31	56	Sewament 3 Primer	124
Mapeprim SP	16	MapeWrap C BI-AX	50	Sewament 10	125
Mapeproof	70	MapeWrap C FIOCCO	52	Sewament 40	125
Mapeproof CD	70	MapeWrap C QUADRI-AX	51	Sewament 100	125
Mapeproof LW	70	MapeWrap C UNI-AX	50	Silancolor Base Coat	95
Mapeproof Mastic	71	MapeWrap C UNI-AX HM	50	Silancolor Cleaner Plus	92
Mapeproof Seal	71	MapeWrap G FIOCCO	53	Silancolor Graffiato	95
Mapeproof Swell	71	MapeWrap G QUADRI-AX	53	Silancolor Paint	93
Maperod C	48	MapeWrap G UNI-AX	52	Silancolor Paint Plus	94
Maperod G	48	MapeWrap Primer 1	54	Silancolor Primer	92
Mapesil AC	127	MapeWrap S FIOCCO	54	Silancolor Primer Plus	93
Mapesil BM	128	Mesh 320	112	Silancolor Tonachino	94
Mapesil LM	128	Monofinish	39	Silexcolor Base Coat	96
Mapesil Z	129	Monolastic	59	Silexcolor Graffiato	97
Mapesilent Band	9	Monolastic Ultra	60	Silexcolor Marmorino	97
Mapesilent Door	9	Nivorapid	21	Silexcolor Paint	96
Mapesilent Panel	8	Planicrete	13/136	Silexcolor Primer	95
Mapesilent Roll	8	Planigrout 300	34/106	Silexcolor Tonachino	96
Mapesilent Tape	9	Planitop 100	38	Stabilcem	32/37
Mapestart 1	31/138	Planitop 200	38	Stabilcem SCC	32
Mapestop	77	Planitop 400	27	Stabilcem T	106
Mapetex Sel	61	Planitop 430	27	Topcem	11
Mapetherm AR1	83	Planitop 520	40	Topcem Pronto	11
Mapetherm Ba4	84	Planitop 530	40	Triblock Finish	64
Mapetherm Ba6	84	Planitop 540	41	Triblock P	64/110
Mapetherm Ba8	84	Planitop 560	41	Ultraplan	19
Mapetherm Ba10	84	Planitop 580	41	Ultraplan Eco	18
Mapetherm Cork 4	85	Planitop HDM	42/57	Ultraplan Maxi	19
Mapetherm Cork 5	85	Planitop HDM Maxi	42/57	Ultratop	122
Mapetherm Cork 6	85	Plano 3	20	Vinavil 03V	102
Mapetherm Cork 8	85	Plastimul	66	WallGard Graffiti Barrier	103
Mapetherm Cork 10	85	Plastimul 1K Super Plus	66	WallGard Graffiti Remover Gel	103

Soundproofing systems for flooring

New

New

Mapesilent Panel



Soundproofing system for floating screeds. Each Mapesilent Panel is composed of a bitumen and special polymer-based elasto-plastomeric membrane with a polyester reinforcement layer, sandwiched together with a resilient layer of polyester fibre.

Where to use:

Mapesilent Panel is used to form an efficient soundproofing system on all types of floor slab according to DPCM 5.12.97. **Mapesilent Panel** is applied between the structure and the floating screed prior to laying all types of flooring materials.

Technical data:

Tensile strength:

– longitudinal: 700 N/50 mm;
– transvers: 500 N/50 mm.

Resistance to impact: 900 mm.

Resistance to static perforation: 15 kg.

Impermeability to water: > 100 kPa.

Fire resistance: F.

Apparent dynamic rigidity (S't):

11 MN/m³.

Dynamic rigidity for calculation

purposes (S''): 22 MN/m³.

Reduction of noise caused by footsteps

($\Delta L'_{nw}$): 27.7 dB.

Thermal resistance (R): 0.13 m² K/W.

Thickness: 13 mm.

Format: 1000 mm x 1000 mm tiles.

Weight: 5 kg/m².

Packaging

pallets containing 75 m².

Mapesilent Roll



Soundproofing system for floating screeds consisting of a bitumen and special polymer-based elasto-plastomeric membrane with a polyester reinforcement layer, sandwiched together with a resilient layer of polyester fibre and a surface dressed with a layer of blue non-woven polypropylene fabric.

Technical data:

Tensile strength:

– longitudinal: 700 N/50 mm;
– transvers: 500 N/50 mm.

Impact resistance: 900 mm.

Resistance to static perforation: 15 kg.

Impermeability to water: > 100 kPa.

Fire resistance: F.

Apparent dynamic rigidity (S't):

15 MN/m³.

Dynamic rigidity for calculation

purposes (S''): 47 MN/m³.

Reduction of noise caused by footsteps

($\Delta L'_{nw}$): 22.8 dB.

Thermal resistance (R): 0.145 m² K/W.

Thickness: 8 mm.

Format: 1 x 10 m rolls.

Weight: 1.8 kg/m².

Packaging

10 m x 1 m-wide rolls.





Mapesilent Band



L-shaped adhesive, closed-cell, expanded polyethylene membrane applied to perimeter walls around the edges of interruptions which pass through screeds to prevent the formation of acoustic bridges.

Where to use:
Mapesilent Band is applied to all the walls around the perimeter of the screed, to form a soundproofing system with Mapesilent Roll or Mapesilent Panel, and around all the edges of interruptions which pass through the screed to avoid the formation of acoustic bridges.

Technical data:
Thickness: 6 mm.
Width of base: 50 mm.
Height: 100 mm.
Length: 2 m.

Packaging
cardboard boxes containing 110 or 200 pieces 100 mm high and 200 cm long.



Mapesilent Door



U-shaped adhesive, closed-cell, expanded polyethylene membrane applied in correspondence with openings in perimeter walls to avoid the formation of acoustic bridges.

Where to use:
Mapesilent Door is applied to all the openings in perimeter walls around the screed, to form a soundproofing system with Mapesilent Roll or Mapesilent Panel.

Technical data:
Thickness: 6 mm.
Width of base: 50 mm.
Pitch: 105-110 mm.
Height: 100 mm.
Length: 90-100 mm.

Packaging
cardboard boxes containing 30 pieces.



Mapesilent Tape



Adhesive butyl rubber sealant tape with a silver-coloured surface.

Where to use:
Mapesilent Tape is used for sealing the overlapping of different pieces of Mapesilent Band, covering and joining the overlapping between Mapesilent Band and Mapesilent Roll and sealing the joints between Mapesilent Panel tiles and Mapesilent Roll sheets.

Technical data:
Thickness: 0.6 mm.
Width: 75 mm.
Length: 10 metres.

Packaging
10 m rolls.



Screed preparation and repairing

Mapecem



Special fast setting hydraulic binder for the preparation of fast-drying screeds (24 hours) with controlled shrinkage.

Formation of floating and bonded screeds on both existing and new slabs for the installation of moisture-sensitive floors (wood, PVC, linoleum, carpet, rubber) or any other flooring where fast-drying for a rapid laying is required.

Mapecem must always be mixed with graded aggregates. Bonded screeds (up to 35 mm thick) and patching require the application of an anchoring slurry made up of **Mapecem** and **Planicrete**. For floating screeds (at least 4 cm thick) lay a polyethylene sheet beforehand; for a thickness of 4-5 cm the aggregates must be graded from 0 to 8 mm in diameter.

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

Packaging
20 kg bags.



Mapecem Pronto



Ready-to-use pre-packed mortar for fast-setting and drying (24 hours) screeds with controlled shrinkage.

Formation of both floating and bonded screeds on existing and new slabs for the installation of ceramic tiles, stone material, wood, rubber, carpet or any other type of flooring where fast drying or immediate laying is required.

Mapecem Pronto is ready-to-use and must be mixed just with water.

Mapecem Pronto is the ideal solution where good quality graded aggregate is hard to find or for job sites such as those in city centres where the logistics involved in mixing conventional binders can be difficult. It can be used for screeds in interiors and exteriors. Bonded screeds and patching (thicknesses less than 3.5 cm) require the application of an anchoring slurry made up of **Mapecem Pronto** and **Planicrete** beforehand. Floating screeds (thicknesses more than 3.5 cm) must be laid over a polyethylene sheet.

Consumption
20-25 kg/m² per cm of thickness.

Packaging
25 kg bags.





Topcem



Normal setting rapid-drying (4 days) special hydraulic binder for screeds.
 Formation of floating and bonded screeds on old and new slabs for the installation of wood, PVC, linoleum, ceramic tiles, natural stone, carpets or any other flooring where rapid drying is required for short installation times.
 Suitable for interior and exterior use.
Topcem, mixed with suitably graded aggregates and water, hardens within 24 hours and is completely dry, whatever the thickness, within 4 days.

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

Packaging
 20 kg bags.



Topcem Pronto



Ready-to-use, pre-packed, normal-setting mortar with controlled shrinkage for fast-drying screeds (4 days).
 Formation of floating and bonded screeds on new or old slabs for the installation of moisture-sensitive flooring (wood, PVC, linoleum, carpet, rubber, etc.) or any other type of flooring where fast-drying screeds are required for a rapid laying.

Topcem Pronto is ready-to-use. Just mix with water.
Topcem Pronto is the ideal solution where good quality graded aggregate is hard to find or for city centres where the logistics involved in mixing conventional binders can be difficult.

Topcem Pronto can be used in interiors and exteriors for screeds up to 60 mm thick. Bonded screeds and patching (less than 40 mm thick) require the application, beforehand, of a bonding slurry of **Topcem Pronto** and **Planicrete**. Floating screeds (more than 40 mm thick) must be poured over polyethylene sheeting.

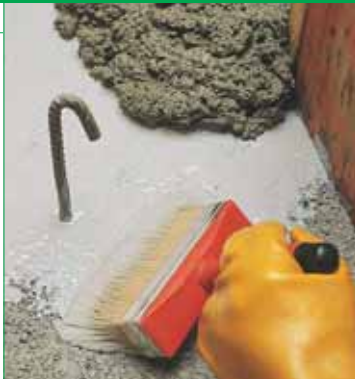
Consumption
 18-20 kg/m² per cm of thickness, depending on tamping.

Packaging
 25 kg bags.



SISTINE HALLS - Vatican City
 Products used: GRANIRAPID, ULTRACOLOR
 and MAPEFLEX PU21 were used to install
 porcelain tiles over MAPECEM screed

Eporip



Two-component epoxy based adhesive for cold joints and monolithic sealing of cracks in screeds.

Eporip is used to bond "fresh" concrete to old concrete, Mapecem screeds or Ultratop flooring with a cementitious substrate.

It can also be used, by pouring, to seal cracks in floors and to make rigid waterproof joints.

Eporip is supplied as two pre-measured components which must be mixed together until completely homogeneous.

Eporip has low viscosity and is easily applied with a brush both horizontally and vertically onto perfectly clean and solid substrates. Concrete should be poured within 3 hours after applying Eporip (at temperatures around +20°C).

Consumption

- cold joints: 0.5-2 kg/m²;
- sealing of cracks: 1.35 kg/dm³ of cavity to be filled.

Packaging

10 kg (A+B) and 2 kg (A+B).



Eporip Turbo



Very fast hardening two-component polyester resin.

Applications:

- sealing cracks in screeds;
- by adding dry sand, Eporip Turbo can be used to manufacture mortars for small repairs.

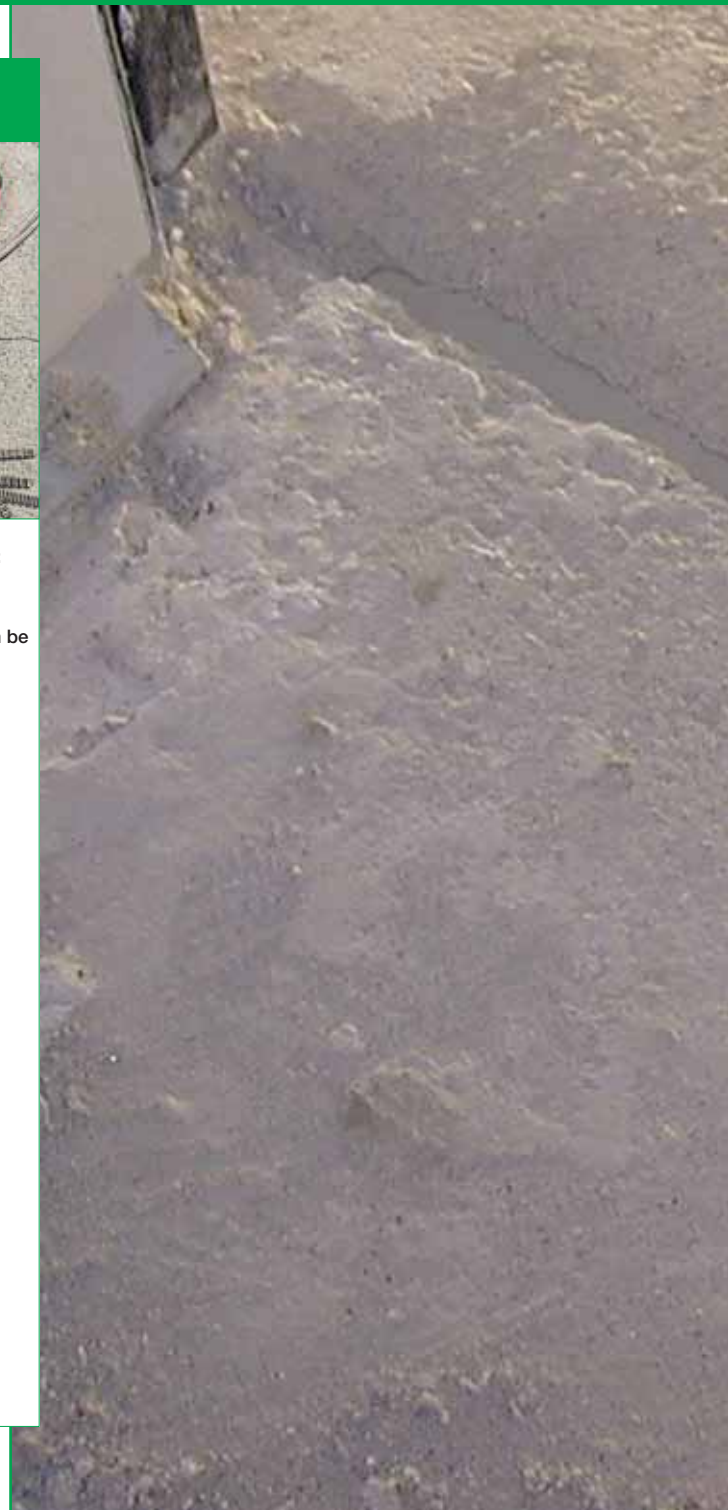
Eporip Turbo hardens in approximately 20 minutes.

Consumption

1.7 kg per dm³ of cavity to be filled.

Packaging

508 g metal jars
(Part A: 500 g; Part B: 8 g).





Planicrete



Synthetic rubber latex for improving adhesion of cementitious mortars. **Planicrete** is a latex based on synthetic polymers, which cannot be re-emulsified in water after hardening and are also resistant to saponification.

When added to mortars, screeds and renders, it increases mechanical strength and adhesion to the substrate.

For the preparation of adhesive slurries, dilute 1 part of **Planicrete** with 1 part water and then mix the solution with 3 parts cement, while for the preparation of renders and screeds, dilute 1 part of **Planicrete** with 2 or 3 parts of water.

Mix with sand and cement, then place it. **Planicrete** can be mixed with **Mapecem**, **Mapecem Pronto**, **Topcem** and **Topcem Pronto** as a bonding slurry.

Consumption

- for the preparation of adhesive slurries: 100-150 g/m²;
- for the preparation of screeds and renders: 50-80 kg/m³.

Packaging

25 - 10 - 5 - 1 kg drums.



Maefluid N200



Superplasticiser for concrete.

Maefluid N200 is used to manufacture concrete with high fluidity (consistency class S4 and S5 according to EN 206-1) and a high performance in service.

Maefluid N200 is suitable for all those applications (precast, ready mix and pumpable concrete) that require a long period of workability and a low w/c ratio.

Maefluid N200 can also be used for manufacturing no-slump concrete for screeds, by just reducing the w/c ratio.

Maefluid N200 is a brown-coloured liquid admixture with a base of active polymers in water solution that disperse cement grains. Add **Maefluid N200** directly to the mixture after all the other ingredients (cement, aggregates, water).

Maefluid N200 can also be diluted into the mixing water beforehand but its superplasticising action is less effective.

Dosage

0.5 to 1.5 l per 100 kg of cement.

Packaging

200 l, 25 and 10 kg drums - 1000 l tanks.
Also available in bulk on request.





Dynamon SX



Superplasticizer based on modified acrylic polymer for concrete with strong water reduction for traditional and self-compacting concrete.

Dynamon SX is a high performance admixture based on modified acrylic polymer.

Dynamon SX is especially suitable for the ready mix concrete industry and wherever a strong water reduction is required along with an excellent slump retention and development of mechanical strengths of the mixture.

Dynamon SX, in combination with the viscosity modifying agents **Viscofluid SCC** or **Viscofluid SCC/10**, can produce self-compacting concrete without bleeding and segregation.

Add **Dynamon SX** directly to the mixture after all the other ingredients (cement, aggregates, water).

Dosage

0.5-2 l per 100 kg of cement for traditional concrete or on fine parts (0.1 mm diameter) for self-compacting concrete.

Packaging

200 l drums - 1000 l tanks.
Also available in bulk on request.



Mapefluid PZ500



Superplasticiser with pozzolanic effect for high quality and chemical resistant mortar and concrete.

Mapefluid PZ500 is used to produce durable concrete that is resistant to sulphate attack (water and soil), chlorinated water and carbon dioxide.

Mapefluid PZ500 can compensate for low cement factor aiding pumping operations and reducing any risk of segregation.

Mapefluid PZ500 is also suitable to produce no-slump concrete for screeds, by just reducing the w/c ratio.

Mapefluid PZ500 improves all properties of the concrete. It provides a better cohesion of the fresh concrete, higher mechanical strengths, better waterproofing and durability against liquid and gaseous aggressive agents.

Mapefluid PZ500 must be added to the dry components of the mix (cement and aggregate) before the batching water. The **Mapefluid PZ500** mix is placed and worked like normal concrete.

Dosage

20-60 kg/m³ of mix.

Packaging

11 kg bags.
800 kg big bags are available on request.



Piazza 1° Maggio - Cattolica - Italy
MAPEFLUID PZ500 admixture was used to make the traditional screeds

Primers



Mapeprim SP



Two-component solvent-free primer. Mapeprim SP improves the bonding of smoothing and levelling compounds such as **Ultraplan**, **Ultratop** and **Planolit** on gypsum and anhydrite, on very smooth and compact substrates such as ceramic tiles and natural stone. Wait until Mapeprim SP becomes transparent before applying the levelling compounds. Use Mapeprim SP only on dry substrates and not subject to rising damp.

Consumption
100-200 g/m².

Packaging
8 kg kits (A+B);
4 kg kits (A+B).



Primer G



Synthetic resin based primer in water dispersion. Treating gypsum or anhydrite surfaces prior to the installation of ceramic tiles and stone material or before levelling or self-levelling flooring with **Ultratop**. The surfaces to be treated must be clean and porous.

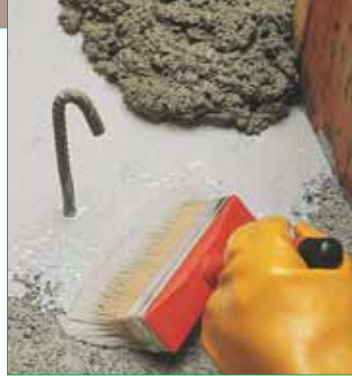
Dilute **Primer G** with water from 1:1 to 1:3 to fix the residual dusting and to provide even absorption of substrates prior to levelling or laying. Dilute **Primer G** with water 1:1 for the first coat and 1:1 to 1:2 for the second coat when used as a primer for **Ultratop**. Apply on perfectly dry gypsum or anhydrite surfaces (residual moisture content less than 0.5%).

Consumption
100-200 g/m² depending on use.

Packaging
25-10-5 kg drums and 12x1 kg packs.



Eporip



Two-component epoxy based adhesive for cold joints and monolithic sealing of cracks in screeds.

Eporip is used to bond "fresh" concrete to old concrete, **Mapecem** screeds or **Ultratop** flooring.

It can also be used, by pouring, to seal cracks in floors and to make rigid waterproof joints.

Eporip is supplied as two pre-measured components which must be mixed together until completely homogeneous.

Eporip has low viscosity and is easily applied with a brush both horizontally and vertically onto perfectly clean and solid substrates. Concrete should be poured within 3 hours after applying **Eporip** (at temperatures around +20°C).

Consumption

- cold joints: 0.5-2 kg/m²;
- sealing of cracks: 1.35 kg/dm³ of cavity to be filled.

Packaging

10 kg (A+B) and 2 kg (A+B).



Primer SN



Two-component, solvent-free epoxy filling primer.

Primer SN is a two-component, solvent-free epoxy resin-based filling primer. It is used to improve the bonding of epoxy and polyurethane **Mapefloor Systems** and is used for protecting and coating industrial floors in concrete and cement terrazzo.

Primer SN is characterised by its capacity to penetrate well into the substrate and may also be used on substrates which are slightly damp (maximum humidity level 4%). It is also possible to carry out a preliminary levelling out of surfaces which have a slightly rough finish, by applying a single coat of **Primer SN** blended with up to a maximum of 50% of **Quartz 0.5**. If necessary (in the presence of cracking, mixed substrates, such as concrete/ceramic or concrete/natural stone, etc.), the layer may be reinforced using **Primer SN** with **Mesh 320** glass fibre mesh, in order to evenly distribute any stresses generated in the substrate.

Primer SN may also be used instead of **Primer G** or **Mapeprim SP** to prime substrates, before applying **Ultratop** cementitious-based self-levelling mortar when laying wear-resistant industrial and domestic floors.

After mixing the two pre-dosed components which make up **Primer SN**, apply the product using either a metal trowel or smooth rake onto the substrate which has been correctly prepared. Immediately after application, sprinkle the fresh surface with **Quartz 0.5**, to guarantee perfect bonding of the successive **Mapefloor System** resin dressing coats, or with **Quartz 1.2**, if the floor is to be treated with **Ultratop**.

Consumption

0.3-0.6 kg/m² per coat, according to the absorption and characteristics of the substrate.

Packaging

20 kg kits:
component A = 16 kg;
component B = 4 kg.



Smoothing screeds and existing flooring



Ultraplan Eco



Ultra-fast hardening self-levelling smoothing compound for thicknesses from 1 to 10 mm per coat with a very low VOC content.

Interior levelling on new or existing substrates, ready to receive all kinds of flooring where the maximum resistance to loads and traffic is required, as long as the floors are sound, dry, clean and not subject to rising damp.

Ultraplan Eco is applied in thicknesses up to 10 mm per coat with a trowel or pump. When applying over timber floors the minimum thickness should be 3 mm. The timber floor must be treated first with a coat of **Mapeprim SP** and a fibreglass mesh must be stapled to the existing floor. Apply **Ultraplan Eco** in a layer of at least 5 mm thick.

Consumption

16 kg/m² per cm of thickness.

Packaging

23 kg bags.





Ultraplan



Ultra-fast hardening self-levelling smoothing compound for thicknesses from 1 to 10 mm per coat.

Interior levelling on new or existing substrates, ready to receive all kinds of flooring where the maximum resistance to loads and traffic is required, as long as the floors are sound, dry, clean and not subject to rising damp.

Ultraplan is applied in thicknesses up to 10 mm per coat with a trowel or pump. When applying over timber floors the minimum thickness should be 3 mm. The timber floor must be treated first with a coat of **Mapeprim SP** and a fibreglass mesh must be stapled to the existing floor. Apply **Ultraplan** in a layer of at least 5 mm thick.

Consumption
16 kg/m² per cm of thickness.

Packaging
23 kg bags.



Ultraplan Maxi



Ultra-fast hardening self-levelling smoothing compound for thicknesses from 3 to 30 mm per coat.

Interior levelling on new or existing substrates, ready to receive all kinds of flooring where the maximum resistance to loads and traffic is required, as long as the floors are sound, dry, clean and not subject to rising damp.

Ultraplan Maxi is applied in coats from 3 to 30 mm thick with a trowel or a pump.

Consumption
17 kg/m² per cm of thickness.

Packaging
25 kg bags.



POSTGIROBYGGET - Oslo - Norway
Products used: Rescon MAPEI primers and self-levelling compounds

Plano 3



Fast hardening self-levelling smoothing compound.

Interior levelling on new or existing substrates, ready to receive all kinds of flooring where a good resistance to traffic loads is required as long as the floors are sound, dry, clean and not subject to rising damp.

Particularly suitable for the preparation of substrates for raising floors.

Apply in coats from 3 to 10 mm with a trowel or pump.

Consumption

16 kg/m² per cm of thickness.

Packaging

25 kg bags.



Fiberplan



Ultra-fast hardening self levelling fibre reinforced smoothing compound.

Interior smoothing and levelling thicknesses from 3 to 10 mm of existing and new wooden and timber floors, wooden boarding, chip-board panels and ply-wood.

Smoothing cement, terrazzo, old ceramic tile and natural stone substrates.

Fiberplan is suitable for wheeled chair traffic and for heated floors.

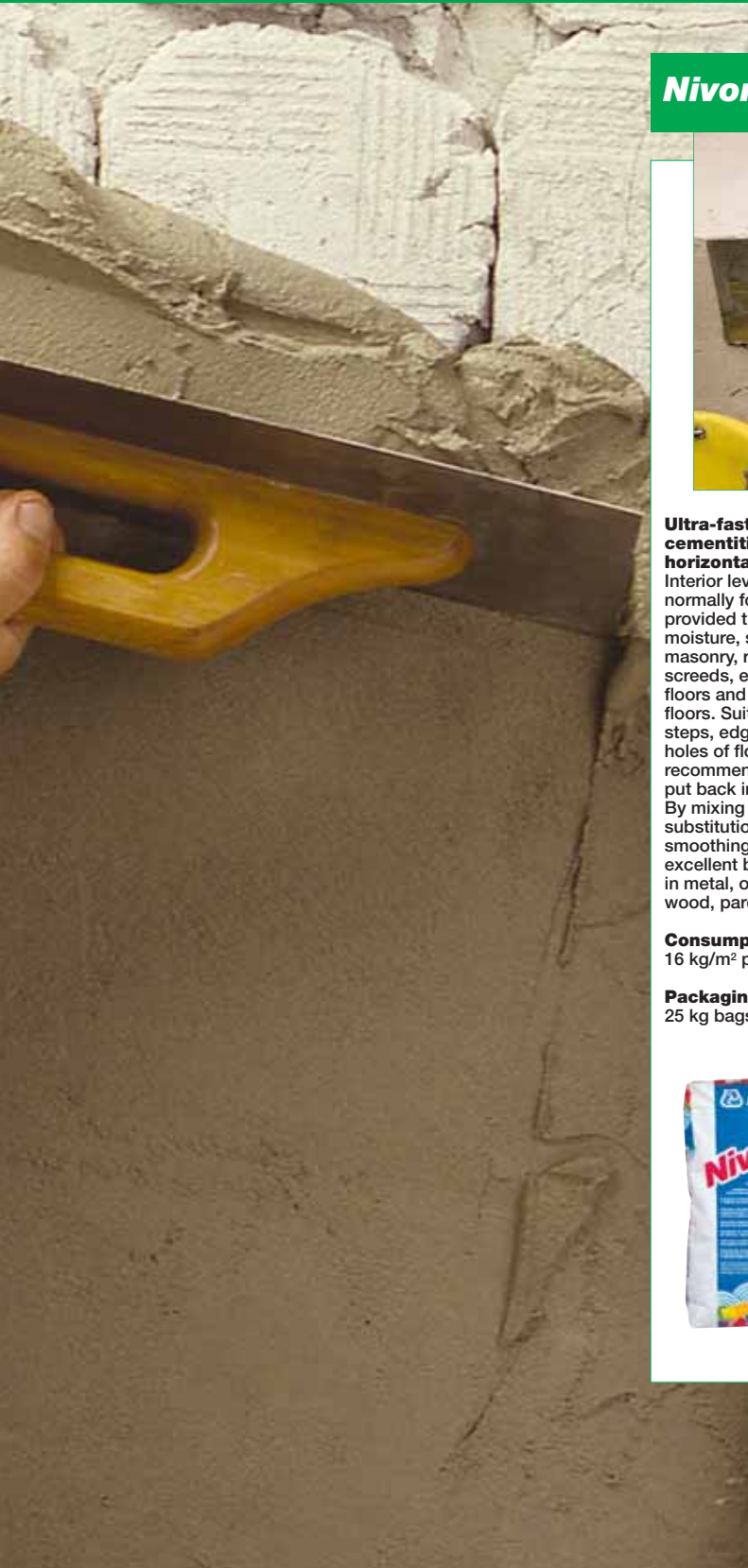
Consumption

15 kg/m² per cm of thickness.

Packaging

25 kg bags.





Nivorapid



Ultra-fast drying thixotropic cementitious levelling mortar for horizontal and vertical surfaces.

Interior levelling of all types of substrates normally found in the building industry provided they are clean and not subject to moisture, such as concrete slabs and walls, masonry, renders and cementitious screeds, etc. Also suitable for existing floors and walls, natural stone and terrazzo floors. Suitable for repairing or levelling steps, edges of pillars, depressions and holes of floors, walls and soffits. Especially recommended when the substrate must be put back into service within a short time. By mixing **Nivorapid** with **Latex Plus** in substitution to water, a highly deformable smoothing compound is obtained with excellent bonding strength also on surfaces in metal, old rubber floors, PVC, chipboard wood, parquet, linoleum, etc.

Consumption

16 kg/m² per cm of thickness.

Packaging

25 kg bags and 4x5 kg packs.



Latex Plus



Elasticising admixture to be mixed with Nivorapid for increased deformability and improved adhesion on difficult surfaces.

When mixed with **Nivorapid**, **Latex Plus** becomes an ultra-rapid cementitious levelling compound whose deformability and adhesive strength is suitable for use on highly deformable indoor surfaces (wood, metal, PVC, rubber, etc.).

Latex Plus must substitute the total amount of the mixing water normally used.

Consumption

used with **Nivorapid**: 6 kg/m² per cm of thickness.

Packaging

10 kg drums.



Protecting reinforcing rods



Mapefer



Two-component corrosion-inhibiting cementitious mortar for the protection of reinforcing rods.

Mapefer is a mortar made up of polymers in water dispersion, cement binders and corrosion inhibitors to apply on reinforcing rods when repairing concrete.

Mapefer is supplied as two pre-measured components which must be mixed without adding water or other ingredients.

Mapefer is applied by brush to the rods which must be free of rust, oil, grease and loose particles. The rods must be cleaned beforehand by vigorous scrubbing or sand-blasting.

After **Mapefer** has dried (minimum 4 hours), a repair mortar can be applied (**Mapegrout** range).

Consumption

150 g/m for rods 10 mm in diameter.

Packaging

2 kg (A+B).



Mapefer 1K



One-component corrosion-inhibiting cementitious mortar for the protection of reinforcing rods.

Mapefer 1K is used as a re-alkalising corrosion-inhibiting protection for reinforcing rods, in the repair of concrete carried out with shrinkage compensating mortars from the **Mapegrout** range or with normal cementitious mortars modified with synthetic resin latexes. It can be applied also in underground concrete constructions.

Mapefer 1K is a one-component mortar based on polymers in water dispersion, cement binders and corrosion inhibitors, to be applied on reinforcing rods to prevent rust formation.

Apply two coats of **Mapefer 1K** with a brush on the re-bars freed of rust. The second coat can be applied after about 2 hours after the application of the first coat but preferably within 24 hours. It is recommended to completely cover the surfaces of the rods in one homogeneous coat. The total thickness of the two coats must be approximately 2 mm. Repair with products from the **Mapegrout** range must be carried out once **Mapefer 1K** is dry (approximately 6 hours at +20°C).

Mapefer 1K meets the minimum requirements of EN 1504-7.

Consumption

200 g/m (approximately 2 mm of applied product on an 8 mm diameter rod).

Packaging

carton boxes each containing four 5 kg bags.



Repairing with controlled shrinkage mortars



Mapegrout Thixotropic



Controlled-shrinkage fibre-reinforced mortar for the repair of concrete.

Use **Mapegrout Thixotropic** for all concrete repairs such as: reconstruction of concrete cover, repairs of corners, beams, columns and balconies damaged by rusted reinforcing rods.

Due to its high mechanical strength **Mapegrout Thixotropic** can be used for structural repairs.

Made from cement binders, graded aggregate, special additives and synthetic fibres, **Mapegrout Thixotropic** is prepared by mixing a 25 kg bag with 3.8-4.1 litres of water.

Mapegrout Thixotropic is applied by trowel, float or sprayer onto sound substrates, which must be free of loose particles, have a rough surface and been soaked with water beforehand.

Repairs up to 30-35 mm thick in a single coat can be made without using formwork.

To improve open-air curing and further reduce shrinkage, **Mapegrout Thixotropic** can be mixed with 0.25% by weight of **Mapecure SRA**, curing agent.

Mapegrout Thixotropic meets the minimum requirements of EN 1504-3 standards for R4-class structural mortar.

Consumption

19 kg/m² per cm of thickness.

Packaging

25 kg bags.



Asturiano Centre Building - Havana - Cuba
Reparation and protection of the building façades with:
MAPEGROUT THIXOTROPIC,
MAPEFER, **MAPE-ANTIQUÉ FC**, **MAPE-ANTIQUÉ MC**,
MAPE-ANTIQUÉ LC, **SILEXCOLOR PAINT**

Mapegrout T40



Medium strength (40 MPa) fibre-reinforced thixotropic mortar for the repair of concrete.

Use **Mapegrout T40** to repair damaged concrete surfaces such as balconies and corners of columns and beams.

Mapegrout T40 is also recommended for repair work in tunnels, canals and water works in general.

Mapegrout T40 can also be used to repair surfaces permanently in contact with drinking water.

Mapegrout T40, mixed with about 16% water, forms a very workable mortar with a thixotropic consistency that is easily applied on vertical surfaces without shuttering.

Mapegrout T40 is applied by trowel, float or sprayer onto sound, rough substrates that are free of loose particles, and been saturated with water beforehand.

Repairs up to 30-35 mm thick in a single coat can be made.

To improve open-air curing and further reduce shrinkage, **Mapegrout T40** can be mixed with 0.25% by weight of **Mapecure SRA**, curing agent.

Mapegrout T40 meets the minimum requirements of EN 1504-3 standards for R3-class structural mortar.

Consumption

18.5 kg/m² per cm of thickness.

Packaging

25 kg bags.



Tower reservoir - Adria - Italy
Reparation and protection of concrete of the reservoir with:

- MAPEFER, MAPEFILL, MAPEGROUT T40,
- MAPE-ANTIQUE RINZAFFO, MAPE-ANTIQUE MC,
- NIVOPLAN, PLANICRETE, IDROSILEX PRONTO, MAPELASTIC, IDROSTOP,
- IDROSTOP MASTIC, MAPECOAT I 24, PLANITOP 100, MONOFINISH,
- SILANCOLOR PRIMER, SILANCOLOR PAINT,
- ELASTOCOLOR PRIMER, ELASTOCOLOR PAINT