

GENERAL
CATALOGUE

JANUARY

2017

80
years
1937-2017



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MAPEI®

ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING

Mapei has been manufacturing chemical products for the construction industry since 1937 and, over the years, has become a point of reference for the global market. A long, proud history which has always been closely connected to their capacity for groundbreaking research and innovation. And, thanks to the inherent quality and innovation of their products and technology, Mapei is the ideal partner for designers, contractors, workmen and clients operating on prestigious, eco-sustainable projects and sites. Which is why we wish to share with you such an important milestone: 80 years of experience in the construction industry.



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SCREEDS AND SMOOTHING COMPOUNDS

1. SCREEDS AND SMOOTHING COMPOUNDS

1.1 Screeds



Mapecem

Special quick-setting and drying (24 hours), controlled-shrinkage hydraulic binder for 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 inerts.

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 R 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, quick-setting and drying (24 hours), controlled-shrinkage mortar for 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%.

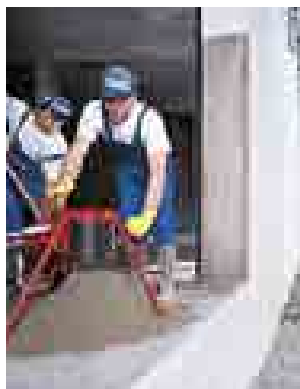
EMICODE: EC1 R Plus - very low emission.

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 normal-setting, quick-drying (4 days), controlled-shrinkage hydraulic binder for 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 inerts.

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 R 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, normal-setting, controlled-shrinkage mortar for quick-drying (4 days) 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 R 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 grade of compacting.

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 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.



Mapescreed 704

Special plasticising and water-reducing acrylic admixture for heated and cooling cementitious screeds.

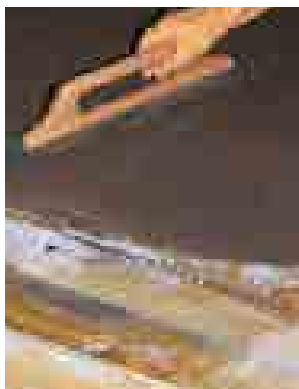


TECHNICAL DATA:

Dosage: from 1 to 1.5 kg every 100 kg of cement.

Packaging: 10 and 25 kg drums.

1.3 Smoothing compounds



Fiberplan

Self-levelling, fibre-reinforced, quick-hardening smoothing compounds for thicknesses from 3 to 10 mm. Particularly recommended for wood.



TECHNICAL DATA:

Where to use: internal ceramic, natural stone, resilient and wooden floors.

Workability time: 20-30 minutes.

Thickness applied: from 3 to 10 mm.

Set to light foot traffic: approx. 3 hours.

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

Colour: pinky grey.

Application: trowel or rake.

EMICODE: EC1 R Plus - very low emission.

Storage: 12 months.

Consumption: 1.5 kg/m² per mm of thickness.

Packaging: 25 kg bags.

1. SCREEDS AND SMOOTHING COMPOUNDS



Nivorapid

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



TECHNICAL DATA:

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

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, 12 hours for parquet and resilient coverings.

Colour: grey.

EMICODE: EC1 R Plus - very low emission.

Storage: 12 months.

Application: metal trowel.

Consumption: 1.6 kg/m² per mm of thickness.

Packaging: 25 kg bags.



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 R 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.

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 coatings.

Workability time: 4 hours.

Thickness applied: from 1 to 5 mm.

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

Waiting time before laying: 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, for floors subject to intense traffic.



TECHNICAL DATA:

Where to use: internal floors for resilient coatings.

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.

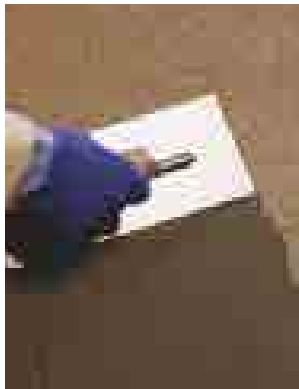
Colour: grey.

Storage: 12 months.

Application: trowel or rake.

Consumption: 1.5 kg/m² per mm of thickness.

Packaging: 25 kg bags.



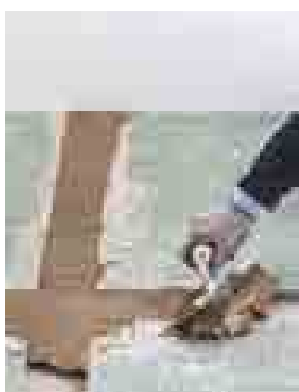
Planipatch

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 coatings.
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 R Plus - very low emission.
Colour: grey.
Storage: 12 months.
Application: trowel.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 25 kg bags.



Planipatch **NEW** 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.
EMICODE: EC1 R Plus - very low emission.
Colour: grey.
Storage: 12 months.
Application: trowel.
Consumption: 1.5 kg/m² per mm of thickness.
Packaging: 23 kg bags.



Planiprep 4 LVT

Ready-to-use grout smoother for loose-lay LVT. 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 self-laying LVT tiles and slats very quickly (after 2 hours).



TECHNICAL DATA:

Where to use: internal floors for self-laying LVT.
Consistency: thick paste.
Colour: white.
Thickness applied: 0-2 mm (up to 3-4 mm in gaps and joints).
Set to foot traffic: approx. 1 hour.
Waiting time before sanding and applying self-laying LVT: approx. 2 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: approx. 0.8-1.0 kg/m².
Packaging: 10 kg drums.



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 coatings.
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.
Storage: 12 months.
Application: trowel.
Consumption: approx. 1.0 kg/m² per mm of thickness.
Packaging: 16 kg boxes containing 4 kg plastic sachets.

1. SCREEDS AND SMOOTHING COMPOUNDS



Planiprep Remove 4 LVT NEW

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 self-laying LVT tiles and slats.



TECHNICAL DATA:

Where to use: internal floors for self-laying LVT.

Consistency: thick paste.

Colour: white.

Thickness applied: 0-2 mm.

Set to foot traffic: 12-24 hours.

Waiting time before sanding and applying self-laying 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.



Planex HR NEW

Rapid-drying, moisture-resistant, self-levelling smoothing mortar for layers 1 to 10 mm thick.



TECHNICAL DATA:

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

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 R Plus - very low emission.

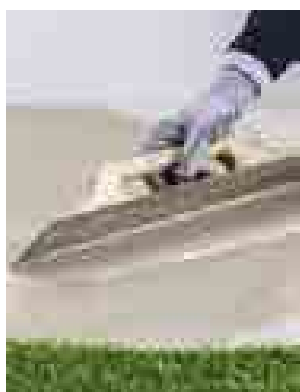
Colour: grey.

Storage: 12 months.

Application: trowel or pump.

Consumption: 1.7 kg/m² per mm of thickness.

Packaging: 25 kg bags.



Planex HR Maxi NEW

Rapid-drying, moisture-resistant, self-levelling smoothing mortar for layers 2 to 20 mm thick.



TECHNICAL DATA:

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

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 R Plus - very low emission.

Colour: grey.

Storage: 12 months.

Application: trowel or pump.

Consumption: 1.7 kg/m² per mm of thickness.

Packaging: 25 kg bags.



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: after approximately 12 hours.

Waiting time before laying: approx. 15 hours.

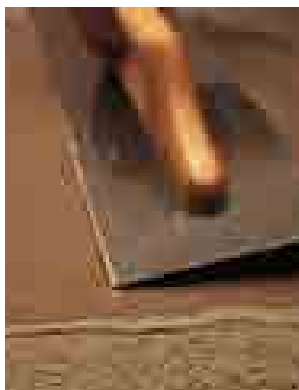
Colours: Comp. A: beige, comp. B: brown.

Application: rake or smooth 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.



TECHNICAL DATA:

Where to use: internal floors for ceramic, natural stone, resilient and wooden coatings.

Workability time: 20-30 minutes.

Thickness applied: from 1 to 10 mm.

Set to light foot traffic: approx. 3 hours.

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

Application: trowel, rake or pump.

EMICODE: EC1 R Plus - very low emission.

Colour: pinky grey.

Storage: 12 months.

Consumption: 1.6 kg/m² per mm of thickness.

Packaging: 23 kg bags.



Ultraplan Eco

Self-levelling, ultra quick-hardening smoothing compound for thicknesses from 1 to 10 mm, with a very low emission level of volatile organic compounds (VOC).



TECHNICAL DATA:

Where to use: internal floors for ceramic, natural stone, resilient and wooden coatings.

Workability time: 20-30 minutes.

Thickness applied: from 1 to 10 mm.

Set to light foot traffic: approx. 3 hours.

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

Application: trowel, rake or pump.

EMICODE: EC1 R Plus - very low emission.

Colour: pinky 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.



TECHNICAL DATA:

Consistency: fine powder.

Where to use: internal floors, for resilient and wooden coatings.

Pot life: 10-15 minutes.

Thickness applied: 1-10 mm.

Set to light foot traffic: 1 hour.

Waiting tile before bonding flooring: 2 hours (resilients).

Application: trowel or rake.

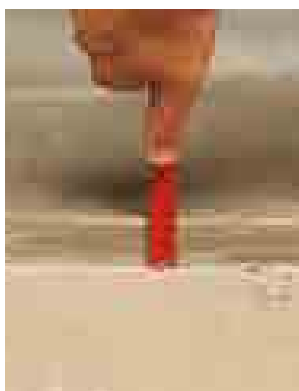
EMICODE: EC1 R Plus - very low emission.

Colour: grey.

Storage: 12 months.

Consumption: 1.6 kg/m² per mm of thickness.

Packaging: 23 kg bags.



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 hours.

Waiting time before laying: from 12 to 24 hours for ceramic tiles and natural stone, from 24 to 72 hours for resilient and wood coverings (according to thickness).

Application: trowel or pump.

EMICODE: EC1 R Plus - very low emission.

Colour: grey.

Storage: 12 months.

Consumption: 1.7 kg/m² per mm of thickness.

Packaging: 25 kg bags.

1. SCREEDS AND SMOOTHING COMPOUNDS

1.4 Products for levelling substrates



Adesilex P4

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

Conformity of **Adesilex P4** is declared in **ITT certificate n° 25070275/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and as declared in **ITT certificate n° 1220.6/10/R03 NPU** issued by the ITB Katowice Institute (Poland)



TECHNICAL DATA:

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

Workability time: more than 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 R 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.

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.

TECHNICAL DATA:

Thickness: 5 mm.
Width at base: 50 mm.
Height: 100 mm / 160 mm.
Length: 50 m.
Packaging: cellophane package with 4 rolls 50 m long.



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.
Reaction to fire: F.
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.
Reduction of noise caused by footsteps under laboratory conditions ($\Delta L_w^{(*)}$): 24 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.

(*) Measured in an independent laboratory on a 14 cm thick normalised reinforced concrete floor with a surface area of 10 m² and an upper acoustic chamber (according to UNI EN ISO 140-8).



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.
Reaction to fire: F.
Apparent dynamic stiffness (S'_t): 15 MN/m³.
Dynamic stiffness for calculation purposes (S'): 47 MN/m³.
Reduction of noise from footsteps when installed (ΔL_w): 37 dB.
Reduction of noise caused by footsteps under laboratory conditions ($\Delta L_w^{(*)}$): 21 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.

(*) Measured in an independent laboratory on a 14 cm thick normalised reinforced concrete floor with a surface area of 10 m² and an upper acoustic chamber (according to EN ISO 140-8).



Mapesilent Tape

Adhesive sealing tape made in closed-cell expanded polyethylene.

TECHNICAL DATA:

Thickness: 3 mm.

Width: 100 mm.

Length: 25 m.

Packaging: boxes containing 12 rolls 25 m long.



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:

– 30 x 1 m sheets (2 mm thick);

– 20 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 140-8: 10 dB.

Certified: Technical Report N. PX21361-1.

EMICODE: EC1 Plus - very low emission.



Mapesonic GD 4 LVT NEW

Acoustic underlayment for LVT.



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 101401-1):

16 dB (for 2.5 mm thick LVT).

EMICODE: EC1 Plus - very low emission.



Mapesonic SA 4 LVT NEW

Self-adhesive acoustic underlayment for LVT.



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 101401-1):

16 dB (for 2.5 mm thick LVT).

EMICODE: EC1 Plus - very low emission.

2. PRODUCTS FOR SOUNDPROOFING



Mapesonic Strip

Self-adhesive perimeter strip positioned around the edge of flooring and any pillars passing through the flooring to prevent the formation of acoustic bridges, specific for use with MAPESONIC CR.

TECHNICAL DATA:

Thickness: 3 mm.

Width: 5 cm.

Length: 11 m.

Packaging: boxes of 11 m 4 rolls.





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

3. PRIMERS, BONDING PROMOTERS, CONSOLIDATING AND WATERPROOFING PRODUCTS



Biblock

Two-component, epoxy curing product in water dispersion for concrete with consolidating and anti-dust properties.

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 level 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 R - 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: 12-24 hours.
EMICODE: EC1 R 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 S 1K

One-component solvent free silylate polymer-based membrane, for waterproofing cementitious screeds and concrete, with very low emission level of VOC (EMICODE GEV EC1 R Plus).



TECHNICAL DATA:

Consistency: self-levelling paste.
Colour: dark yellow.
Density (g/cm³): 1.4.
Dry solids content (%): 100.
Brookfield viscosity (mPa·s): 9,000 (spindle 6 - rpm 50).
EMICODE: EC1 R Plus - very low emission.
Skin time: 50 minutes.
Application temperature range: from +10°C to +30°C.
Consumption: 500 g/m².
Storage: 12 months in its original, well sealed container from +5°C to +25°C.
Packaging: plastic buckets containing 2 aluminum bags of 7 kg each.



Eco Prim T

Solvent-free acrylic primer with a very low emission level of volatile organic compounds (VOC) for absorbent and non-absorbent substrates.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: white.
Dilution rate: as is on non-absorbent surfaces, 1 : 1 or 1 : 2 on absorbent surfaces.
Waiting time before applying smoothing compounds: 1-5 hours according to 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 drums.



Eco Prim VG

Solvent free 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.



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: 2-3 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: 5 and 10 kg tanks.



Eporip

Two-component, solvent-free epoxy adhesive for monolithic sealing 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.
Open time: 5 hours.
Storage: 24 months.
Application: brush, trowel or by pouring.
Consumption: 1.35 kg/dm³.
Packaging: 2 kg and 10 kg kits.

3. PRIMERS, BONDING PROMOTERS, CONSOLIDATING AND WATERPROOFING PRODUCTS



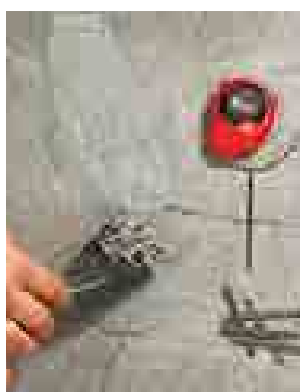
Eprior SCR NEW

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 (in 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).



Eprior Turbo

Two-component, quick-hardening polyester resin for monolithic sealing cracked screeds.



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

Admixture for cementitious mortar and smoothing compounds.

TECHNICAL DATA:

Consistency: thick liquid.
Colour: white.
Dilution rate: with water at a ratio of 1 : 4 - 1 : 5 for priming.
Storage: 12 months. Protect from frost.
Consumption: according to dilution rate.
Packaging: 5, 10 and 25 kg drums.



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 according to the absorption.

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 according to absorption.

Packaging: 5.9 kg kits (A + B).



Mapeprim SP

Two-component, solvent-free primer for smoothing compounds and adhesives on non-absorbent surfaces.

TECHNICAL DATA:

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

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

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

Workability time: approximately 1 hour.

Waiting time before applying smoothing

compound: from 1 to 3 hours.

Maximum waiting time before applying smoothing

compound: 24 hours.

Application: brush, roller or smooth trowel.

Storage: 12 months. Protect from frost.

Consumption: 0.1-0.2 kg/m².

Packaging: 4 kg kits (2+2).



Planicrete

Synthetic rubber latex to improve adhesion of cement mixes.

TECHNICAL DATA:

Consistency: fluid liquid.

Dry solids content: 36%.

Storage: 24 months.

Consumption:

– for adhesive slurry: 100-150 g/m²;

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

Packaging: 5, 10 and 25 kg canisters 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.



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-red.

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 a very low content of volatile organic compounds (VOC).



TECHNICAL DATA:

Consistency: liquid.

Colour: 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.

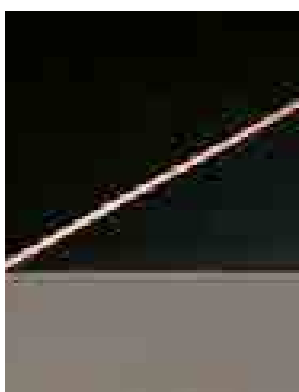
Application: brush.

EMICODE: EC1 - 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

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

TECHNICAL DATA:

Consistency: liquid.

Colour: pinky 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: transparent.

Inflammable: no.

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

Drying time: 40 minutes.

Storage: 12 months.

Application: brush.

Consumption: 1.5-2 g/m (for a 1 cm deep joint).

Packaging: 250 g bottles.



Primer MF

Two-component, solvent-free epoxy primer used as bonding promoter for products from the MAPEFLOOR range, for consolidating and waterproofing against residual damp on cementitious substrates and as anti-dust impregnator on concrete floors.

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: 0.20-0.30 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 a very low emission level 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 R 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: 150 g/m² (10-50 g/metre of treated 1 cm-deep joint).
Packaging: 150 g canisters.



Primer P1 NEW

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 NEW

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 NEW

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: 50 kg tanks.



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: 24 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: viscous 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 American trowel or smooth trowel.
Consumption: 0.3-0.7 kg/m² per coat, depending on the absorbency and characteristics of the substrate.
Packaging: 20 kg kits (A+B).



Prosfas

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.

Conformity of **Adesilex P4** is declared in **ITT** certificate n° **25070275/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and as declared in **ITT** certificate n° **1220.6/10/R03 NPU** issued by the ITB Katowice Institute (Poland)



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 4-10 kg/m².

Packaging: 25 kg bags.



Adesilex P9 **NEW**

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.

The conformity of **Adesilex P9** is certified by **ITT** certificates n° **25050141/Gi (TUM)** and n° **25080230/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and by **ITT** certificates n° **1220.1/10/R03 NPU**, **1220.3/10/R03 NPU**, **1220.2/10/R03 NPU** and **1220.4/10/R03 NPU** issued by the ITB Katowice Institute (Poland).



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

Packaging: 25 kg bags and 4x5 kg boxes.



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).

Conformity of **Adesilex P10** is declared in **ITT** certificate n° **25080061/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2008-B-2749/13** and **2008-B-2749/16** issued by the MPA Dresden Institute (Germany)



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 R 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).

Conformity of **Elastorapid** is declared in **ITT** certificate n° **25070277/Gi (TUM)** and **25080024/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)



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

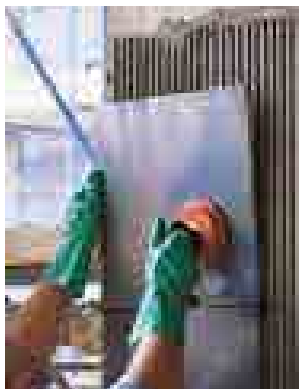
Two-component, high-performance, deformable, quick-setting and drying cementitious adhesive for ceramic tiles and stone material (thickness of adhesive up to 10 mm).

Conformity of **Granirapid** is declared in **ITT** certificates n° **85330201.101 (SFV)** issued by the Säurefliesner-Vereinigung e.V. Grossburgwedel laboratory (Germany) and n° **25070279/Gi (TUM)**, n° **25080057/Gi (TUM)** and n° **25080060/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2008-B-2749/17** and **2008-B-2749/21** issued by the MPA Dresden Institute (Germany)



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 R 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).

Conformity of **Kerabond + Isolastic** is declared in **ITT** certificates n° **12/5099-969-S** (Applus+LGA) and n° **25080048/Gi (TUM)**, conformity of **Kerabond T + Isolastic** is declared in **ITT** certificates n° **12/5099-969-S** (Applus+LGA) and n° **25080055/Gi (TUM)**-Technische Universität München), and conformity of **Adesilex P10 + Isolastic** is declared in **ITT** certificate n° **25080056/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)

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).
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, 10 and 25 kg drums and 12x1 kg boxes.



Kerabond

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

Conformity of **Kerabond** is declared in **ITT** certificate n° **25070080/Gi (TUM)** and **25080025/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)



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 R Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags and 4x5 kg Alupack boxes.

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



Kerabond Plus NEW

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

The conformity of **Kerabond Plus** is certified by **ITT** certificates n° **16/12733-1528** and n° **16/12733-1529** issued by the **APPLUS** laboratory, **LGA Technological Center**, **Bellaterra (Spain)**.



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 R 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).

Conformity of **Kerabond T** is declared in **ITT** certificates n° **25050176-1/Gi (TUM)** and n° **25080238/Gi (TUM)** issued by the **Technische Universität München** laboratory (Germany) and in **ITT** certificates n° **1220.8/10/R03 NPU**; **1220.10/10/R03 NPU** and **1220.9/10/R03 NPU** issued by the **ITB Katowice Institute** (Poland)



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.

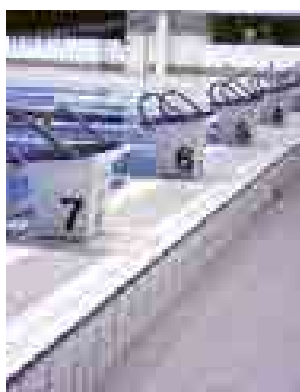
Application: N° 4, 5 or 6 notched trowel.

EMICODE: EC1 R Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

Packaging: 25 kg bags and 4x5 kg boxes.



Keracrete

Synthetic latex rubber mixed with **KERACRETE POWDER** (white or grey) or with sand and cement (thickness up to 5 mm).



TECHNICAL DATA OF KERACRETE + KERACRETE POWDER:

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).

Colours available:

– **KERACRETE POWDER:** grey and white.

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

EMICODE: EC1 R Plus - very low emission.

Mixing ratio: 4 kg with 1 kg of **KERACRETE**.

Storage:

– **KERACRETE:** 24 months. Protect from frost.

– **KERACRETE POWDER:** 12 months.

Consumption:

– 0.5-1 kg/m² of **KERACRETE**;

– 2-4 kg/m² of **KERACRETE POWDER**.

Packaging:

KERACRETE: 5 and 25 kg drums;

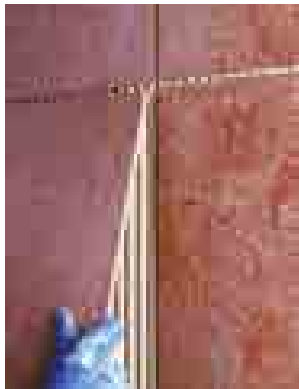
KERACRETE POWDER: 25 kg bags.

Keracrete Powder

Ready to use mixture of sand and cement mixed with **KERACRETE** latex. This mixture forms a high-performance adhesive with no vertical slip and is suitable for ceramic tiles, glass mosaic and stone material (thickness of adhesive up to 5 mm).

Conformity of **Keracrete + Keracrete Powder** is declared in **ITT** certificate n° **25040276/Gi (TUM)** and **25080247/Gi (TUM)** issued by the **Technische Universität München** laboratory (Germany)





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).

Conformity of **Keraflex** is declared in **ITT** certificates **n° 25040476/Gi (TUM)** and **ITT n° 25080239/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates **n° 1220.12/10/R03 NPU;** **1220.14/10/R03 NPU;** **1220.11/10/R03 NPU** and **1220.13/10/R03 NPU** issued by the ITB Katowice Institute (Poland)



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

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



Keraflex Easy S1 NEW

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.

The conformity of **Keraflex Easy S1** is certified by **ITT** certificates **n° 16/12733-1530** and **n° 16/12733-1531** issued by the APPLUS laboratory, LGAI Technological Center, Bellaterra (Spain).



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 2-5 kg/m².

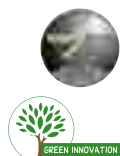
Packaging: 25 kg bags.



Keraflex Maxi S1 NEW

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.

The conformity of **Keraflex Maxi S1** is certified by **ITT** certificates **n° 25070387/Gi (TUM)**, **n° 25080246/Gi (TUM)** and **n° 14/8330-551-S (LGA)** issued by the Technische Universität München laboratory (Germany).



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 1.2 kg/m² per mm of thickness.

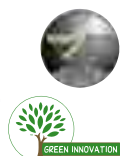
Packaging: 23 kg bags.



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 no residual greenhouse gas emissions through certified offsetting.

Conformity of **Keraflex Maxi S1 Zero** is declared in **ITT n° 25070387/Gi (TUM)** and **n° 14/8330-551-S (LGA)** issued by the Technische Universität München laboratory (Germany)



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.

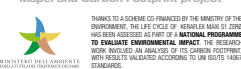
EMICODE: EC1 R Plus - very low emission.

Storage: 12 months.

Consumption: 1.2 kg/m² per mm of thickness.

Packaging: 25 kg bags.

Mapel and Carbon Footprint project



4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



Keraquick S1

High-performance, quick-setting, deformable cementitious adhesive with no vertical slip for ceramic tiles and stone material stable in the presence of humidity (thickness of adhesive up to 10 mm). With very low emission of volatile organic compounds.

Conformity of **Keraquick S1** is declared in **ITT** certificate **n° 25070276-3/Gi (TUM)**, **25080059-3/Gi (TUM)** and **25080063/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)



TECHNICAL DATA:

Pot life of mix: 30 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: S1 - deformable.
Colours: white and grey.
Application: N° 4, 5 or 6 notched trowel.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags.



Keraset

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

Conformity of **Keraset** is declared in **ITT** certificate **n° 71230101.101 (SFV)** issued by the Säurefliesner-Vereinigung e.V. Grossburgwedel laboratory (Germany) and **n° 25080231/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in certificates **ITT n° 2008-B-2749/01** and **2008-B-2749/04** issued by the MPA Dresden Institute (Germany)



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 R Plus - very low emission.
Storage: 12 months.
Consumption: 2-5 kg/m².
Packaging: 25 kg bags.



Latex Plus

Elasticising latex mixed with KERAQUICK S1 or KERAQUICK S1 ZERØ.

When KERAQUICK S1 and KERAQUICK S1 ZERØ are mixed with LATEX PLUS it forms a high-performance, quick-setting, highly-deformable adhesive (C2F/S2).

Conformity of **Keraquick S1 + Latex Plus** is declared in **ITT** certificate **n° 25080065/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)

TECHNICAL DATA OF LATEX PLUS + KERAQUICK S1:

Pot life of mix: 30 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.
Storage (LATEX PLUS): 24 months. Protect from frost.
Consumption: to be calculated according to the amount of KERAQUICK S1 or KERAQUICK S1 ZERØ and 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).

Conformity of **Tixobond White** is declared in **ITT** certificate **n° 25040602/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)



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 R 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.

The conformity of **Ultralite Flex** is certified by **ITT** certificates n° 14/8872-1332 and n° 14/8872-1333 issued by the APPLUS, LGAI Technological Center, Bellaterra (Spain)



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 R 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.

Conformity of **Ultralite S1** is declared in **ITT** certificates n° 25080237/Gi and n° 25110057/AG (TUM) issued by the Technische Universität München laboratory (Germany)



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 R 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 trowellability, high wetting capacity and very high yield, for ceramic tiles, stone and thin porcelain tiles.

Conformity of **Ultralite S1 Quick** is declared in **ITT** certificates n° 25120143/AG (TUM) issued by the Technische Universität München laboratory (Germany)



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.

Conformity of **Ultralite S2** is declared in **ITT** certificates n° 25110055/AG (TUM) and 25110056/AG (TUM) issued by the Technische Universität München laboratory (Germany)



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 R 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.

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



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.

Conformity of **Ultralite S2 Quick** is declared in **APPLUS+** certificates n° **12/5363-1240-S** and n° **12/5363-1241-S** issued by the LGAI Technological Center, Bellaterra (Spain)



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 R Plus - very low emission.
Storage: 12 months.
Consumption: 1.5-2.5 kg/m².
Packaging: 15 kg bags.

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).

Conformity of **Adesilex P22** is declared in **ITT** certificate n° **25040268/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2009-B-4835/01** and **2009-B-4835/04** issued by the MPA Dresden Institute (Germany)



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.



Adesilex P25

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

Conformity of **Adesilex P25** is declared in **ITT** certificate n° **LR-04-085 (CSTB)** issued by the Centre Scientifique et Technique du Bâtiment, Champs sur Marne laboratory (France)



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 and 25 kg drums.



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.

Conformity of **Fix & Grout Brick** is declared in **ITT** certificate n° **25080309/Gi (TUM)** issued by the Technische Universität München laboratory (Germany)



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 2

Ready-to-use, high performance adhesive paste with no vertical slip for laying ceramic tiles.

Conformity of **Ultramastic 2** is declared in **ITT** certificate n° **25070251/Gi** issued by the Technische Universität München laboratory (Germany)



TECHNICAL DATA:

Open time: 20 minutes.

Adjustment time: up to 30-35 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: 16 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).

Conformity of **Ultramastic III** is declared in **ITT** certificate n° **25040266/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2009-B-4835/06** and **2009-B-4835/09** issued by the MPA Dresden Institute (Germany)



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 and 18 kg drums.



Ultramastic 5

Ready-to-use, high-performance adhesive paste with no vertical slip and long open and adjustment time for ceramic tiles. Ideal for absorbent substrates.

Conformity of **Ultramastic 5** is declared in **ITT** certificate n° **25080235/Gi** issued by the Technische Universität München laboratory (Germany)



TECHNICAL DATA:

Open time: ≥ 30 minutes.

Adjustment time: up to 50 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: 5 and 16 kg drums.

4.3 Reactive adhesives



Keralastic

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

Conformity of **Keralastic** is declared in **ITT** certificate n° **25120147/AG** issued by the Technische Universität München laboratory (Germany) and in **2008-B-2748/13.1** and **2008-B-2748/14.1** certificates issued by the MPA Dresden Institute (Germany)



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).

4. ADHESIVES FOR CERAMIC TILES AND STONE MATERIAL



Keralastic T

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

Conformity of **Keralastic T** is declared in **ITT** certificates n° **25040471/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **2008-B-2748/16.1** and **2008-B-2748/17.1** certificates issued by the MPA Dresden Institute (Germany)



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.

Conformity of **Kerapoxy Adhesive** is declared in **ITT** certificate n° **25070399/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2008-B-2748/4.1**, **2008-B-2748/5.1** and **2008-B-2748/6.1** issued by the MPA Dresden Institute (Germany)



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 R Plus - very low emission.

Storage: 12 months.

Consumption: 2.5 -5 kg/m².

Packaging: 10 kg kit (A:B = 88:12 parts in weight).

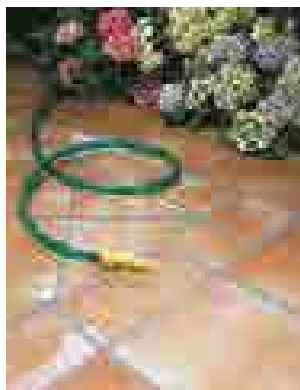




GROUTS FOR CERAMIC TILES

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 and 25 kg drums and 12x1 kg packages.



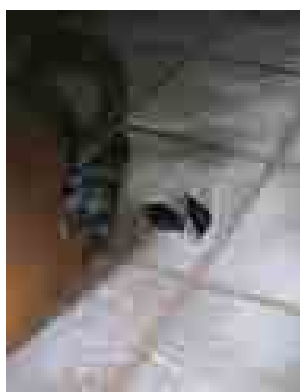
Keracolor FF

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: 14.
Application: rubber MAPEI trowel or rake.
Finishing: MAPEI sponge or Scotch-Brite® pad.
EMICODE: EC1 R 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, according to the colour.



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 R 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 R 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, according to the colour.



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:

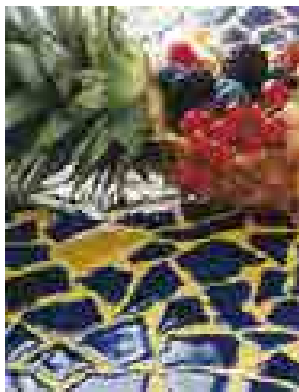
- 12 months (23 kg bags);

- 24 months (1 and 5 kg bags).

Consumption: according to the size of the joints.

Packaging: 23 kg bags and 4x5 kg Alupack and 9x2 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).

Conformity of **Kerapoxy** is declared in **ITT** certificate n° **25040322/Gi (TUM)** issued by the Technische Universität München laboratory (Germany) and in **ITT** certificates n° **2008-B-2748/7.1**, **2008-B-2748/8.1** and **2008-B-2748/9.1** issued by the MPA Dresden Institute (Germany)



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 R 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 R 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, 290 cream and 100 white.



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 R 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 R 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.

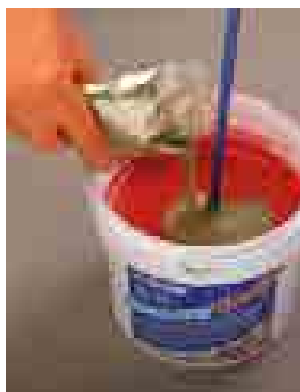
Application: rubber MAPEI trowel.

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, 111 silver-grey 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 (new)	●										●			●	
116	MUSK GREY (new)	●										●			●	
174	TORNADO	●										●			●	
119	LONDON GREY (new)	●										●			●	
114	ANTHRACITE	●		●	●			●	●			●			●	●
120	BLACK	●						●	●						●	●
137	CARIBBEAN (new)	●										●			●	
130	JASMINE	●		●	●			●	●	●		●			●	●
290	CREAM								●							
131	VANILLA	●		●	●			●							●	
138	ALMOND (new)	●										●			●	
729	SAHARA YELLOW											●				
132	BEIGE 2000	●		●	●		●	●	●			●		●	●	●
133	SAND	●										●			●	
134	SILK	●										●			●	
139	PINK POWDER (new)	●										●			●	
141	CARAMEL	●		●	●			●							●	
135	GOLDEN DUST	●										●			●	
152	LIQUORICE (new)	●										●			●	
142	BROWN	●		●	●			●				●			●	
147	CAPPUCCINO								●							
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																

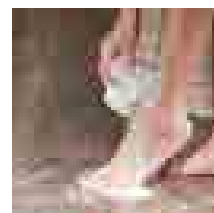
Due to the printing processes involved, the colours should be taken as merely indicative of the shades of the actual products.

Mapei Coloured Grouts

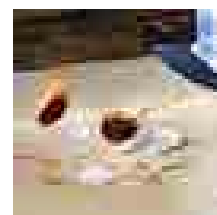
Beauty which resists everything.



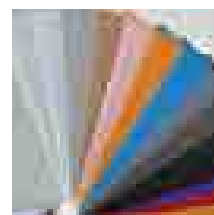
EASY TO CLEAN



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 PORPHYRY
AND INTERLOCKING STONE**

6. SYSTEMS FOR LAYING AND GROUTING PORPHYRY AND INTERLOCKING STONE



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.



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 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 and freeze-thaw cycles.

TECHNICAL DATA:

Pot life of mix: 20 minutes.

Set to foot traffic: 6 hours.

Waiting time before putting into service: 7 days.

Colour: 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.



Mapestone PFS 2 Visco NEW

Low viscosity ready-mixed mortar for grouting architectural slab and block-paved road surfaces.

TECHNICAL DATA:

Pot life of mix: 40 mins.

Set to foot traffic: 12-24 hours.

Ready for service: 7 days.

Colour: grey.

Application: slurry poured into grout lines using a special rubber spreader.

Cleaning: with water before hardening.

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 and freeze-thaw cycles with exceptional physical-chemical characteristics suitable for areas exposed to dry/damp cycles specified by exposure class XF4, for grouting architectonic stone floors.

TECHNICAL DATA:

Pot life of mix: 20 minutes.

Set to foot traffic: 6 hours.

Waiting time before putting into service: 7 days.

Colour: 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.



Mapestone TFB 60

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

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.

Grouting joints: fresh on fresh.

Storage: 12 months.

Consumption: 20 kg/m² per centimetre of thickness.

Packaging: 25 kg.



ELASTIC SEALANTS AND ADHESIVES

7. ELASTIC SEALANTS AND ADHESIVES

7.1 Acetic silicone sealants



Mapesil AC

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

ISO 11600 G 25 LM
DIN 18545
ASTM C 920
TT S 00230C
TT S 001543A



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 NEW

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, 111 grey, 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.



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.

Application: extrusion gun.

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

Packaging: 300 ml cartridge.

7.2 Polyurethane sealants and adhesives



Mapeflex PB25

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

ISO 11600 F 25 LM

TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 50.

Workability time: 45 minutes.

Set to light foot traffic: 24-36 hours.

Colour: 113 grey.

Application: by pouring.

Consumption: 0.14 kg/linear metres (10x10 mm section).

Packaging: 10 kg drums (A+B).



Mapeflex PU20

Two-component, high-strength, castable epoxy-polyurethane sealant with high chemical resistance for movements up to 10%.

ISO 11600 F 7.5 P

TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 50.

Workability time: 45 minutes.

Set to light foot traffic: 24-36 hours.

Colour: 113 grey.

Application: by pouring.

Consumption: 0.14 kg/linear metres (10x10 mm section).

Packaging: 10 kg drums (A+B).



Mapeflex PU21

Two-component, high-strength, castable epoxy-polyurethane sealant for movements up to 5%.

TECHNICAL DATA:

Movement in service: 5%.

Shore A hardness: 65.

Workability time: 45 minutes.

Set to light foot traffic: 24-36 hours.

Colour: 113 grey.

Application: by pouring.

Consumption: 0.15 kg/linear metres (10x10 mm section).

Packaging: 5 and 10 kg drums (A+B).



Mapeflex PU30

Two-component, high-strength, thixotropic epoxy-polyurethane sealant with high chemical resistance for movements up to 10%.

ISO 11600 F 7.5 P



TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 65.

Workability time: 35 minutes.

Set to light foot traffic: 24-36 hours.

Colour: 113 grey.

Application: trowel, extrusion gun.

Consumption: 0.15 kg/linear metres (10x10 mm section).

Packaging: 5 and 10 kg drums (A+B).

7. ELASTIC SEALANTS AND ADHESIVES



Mapeflex PU40

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

ISO 11600 F 25 LM



TECHNICAL DATA:

Movement in service: 25%.

Modulus of elasticity at 100% elongation: 0.24 N/mm².

Shore A hardness: 30.

Workability time: 3 hours.

Colours: white and 111 grey (other colours upon request).

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.



Mapeflex PU 45 FT **NEW**

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: 0.70 N/mm².

Shore A hardness: 40.

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

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

ISO 11600 F 25 LM



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: by pouring with extrusion gun.

Consumption: 6.0 linear metres per 600 ml soft-cartridge (10x10 mm section).

Packaging: 600 ml soft-cartridges and 12 kg drums.



Mapeflex PU65

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 PU65 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 PU70 SL NEW

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%.

ISO 11600 F 25 LM
 ISO 11600 G 25 LM
 SNJF



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.
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%.

ISO 11600 F 25 LM
 ISO 11600 G 25 LM
 ASTM C 1248
 DIN 18540
 DIN 18545
 BS 5889
 TT S 00230C
 TT S 001543A
 ISO 16938



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").
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.

7. ELASTIC SEALANTS AND ADHESIVES

7.4 Hybrid sealants and adhesives



Mapeflex MS45

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

ISO 11600 F 20 HM



TECHNICAL DATA:

Movement in service: 20%.

Modulus of elasticity at 100% elongation: 0.66 N/mm².

Shore A hardness: 36.

Workability time: 30' (+23°C, 50% R.H.).

Colours: white, 113 grey, brown, black.

EMICODE: EC1 R Plus - very low emission.

Certification: Polish 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.



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 R 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 AC2 NEW

Paintable acrylic sealant with a smooth finish for movements up to 10%.



TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 25.

Workability time: 10 mins.

Colours: white, grey.

Application: silicone gun.

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

Packaging: 310 ml cartridges.



Mapeflex AC4

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

ISO 11600 F 12.5 P up



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.

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

Paintable acrylic sealant for fire-break joints with movements up to 12.5%. Resistant to fire for up to 212 minutes.

EN 1366-4



TECHNICAL DATA:

Movement in service: 12.5%.

Modulus of elasticity at 50% elongation: 0.12 N/mm².

Shore A hardness: 25.

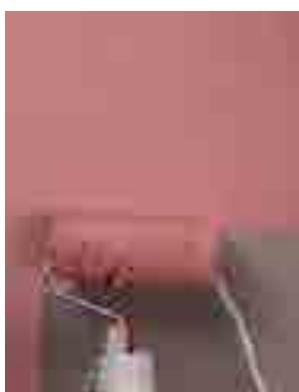
Workability time: 10 minutes.

Colour: grey.

Application: extrusion gun for soft-cartridges.

Consumption: 5.5 metres per 550 ml soft-cartridge (10x10 mm section).

Packaging: 550 ml soft-cartridges.



Mapeflex AC-P

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

ISO 11600 F 12.5 P up



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.

Application: extrusion gun, trowel.

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

Packaging: 310 ml cartridges.



Mapeflex Blackfill

Bituminous 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.

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.

7. ELASTIC SEALANTS AND ADHESIVES



Ultrabond MS Rapid

Rapid-setting assembly adhesive for internal and external use with a high 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 Super Grip

Adhesive for mounting internal fixtures.



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 NEW

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 NEW

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
Ø 10 mm, boxes of 550 m
Ø 15 mm, boxes of 550 m
Ø 20 mm, boxes of 350 m
Ø 25 mm, boxes of 200 m
Ø 30 mm, boxes of 160 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.

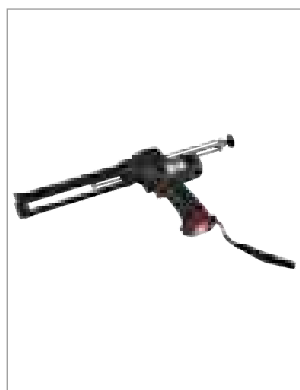
Suitable for the following MAPEI products:

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.



Mapei Gun 310 Electric NEW

Range of electric sealant guns with rechargeable batteries.

TECHNICAL DATA:

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

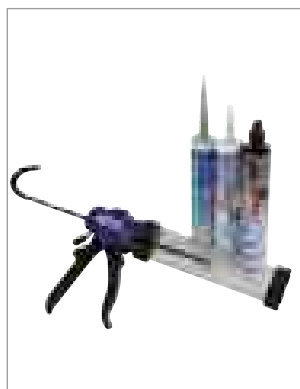
Suitable for the following Mapei products:

cartridges up to 310 ml, MAPESIL (all types), MAPEFLEX (one-component products), ULTRABOND (one-component products), MAPEFIX PE WALL 300, PE SF 300, VE SF 300.

Weight: 1400 g.

Forward thrust: 4400 N.

Plunger travel speed: 4 mm/second.



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:

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

Weight: 830 g.

Extrusion rate: 18:1.

Pusher travel: 4.5 mm each pull of trigger.

7. ELASTIC SEALANTS AND ADHESIVES



Mapei Gun 420 2K

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

TECHNICAL DATA:

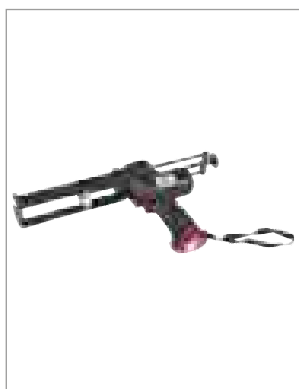
Maximum size of co-axial cartridge: diameter 63 mm, length 185 mm.

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 420 2K NEW **Electric**

Pro-grade electric sealant gun for 420 ml co-axial MAPEFIX cartridges.

TECHNICAL DATA:

Maximum thrust: 4400 N (450 kgf).

Maximum plunger travel speed: 4.0 mm/sec.

Speed reducing mechanism: trigger + 6 speed settings.

Weight: limited (1500 g).

Anti-drip system: yes.

Battery: 7.4 V - 1.3 A.

Battery life: up to 50 310 ml cartridges (acrylic sealant).

Recharge time: maximum 2 hours.

Light source: yes; front-mounted LED for internal work.

Contents of carry-case: pro-grade electric gun, battery charger, instruction booklet, two batteries (1 in use, 1 spare).



Mapei Gun 585 2K

Extrusion gun for bi-axial cartridges up to 585 ml of chemical anchor.

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 585 2K NEW **Electric**

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

TECHNICAL DATA:

Maximum thrust: 4400 N (450 kgf).

Maximum plunger travel speed: 4.0 mm/sec.

Speed reducing mechanism: trigger + 6 speed settings.

Weight: limited (1750 g).

Anti-drip system: yes.

Battery: 7.4 V - 1.3 A.

Battery life: up to 50 310 ml cartridges (acrylic sealant).

Recharge time: maximum 2 hours.

Light source: yes; front-mounted LED for internal work.

Kit: carry-case with two batteries (1 in use, 1 spare).



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 600 PRO NEW Electric

Pro-grade electric sealant gun for 550 and 600 ml MAPEFIX tubes.

TECHNICAL DATA:

Maximum thrust: 4400 N (450 kgf).

Maximum plunger travel speed: 5.5 mm/sec.

Speed reducing mechanism: trigger + 6 speed settings.

Weight: limited (1400 g).

Anti-drip system: yes.

Battery: 7.4 V - 1.3 A.

Battery life: up to 50 310 ml cartridges (acrylic sealant).

Recharge time: maximum 2 hours.

Light source: yes; front-mounted LED for internal work.

Kit: carry-case with two batteries (1 in use, 1 spare).



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 NEW

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:

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

Packaging: 250 g and 2 kg canisters.

7. ELASTIC SEALANTS AND ADHESIVES



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.



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.



Primer MF

Two-component, solvent-free epoxy primer used as bonding promoter for products from the MAPEFLOOR range, for consolidating and waterproofing against residual damp on cementitious substrates and as anti-dust impregnator on concrete floors.

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 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 ROOF 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.

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 a standard MAPEPUR GUN and hand-held spray can version (MAPEPUR ROOF FOAM M).

TECHNICAL DATA:

Free expansion: up to 45 litres.

Insulating capacity MAPEPUR ROOF FOAM M: 0.039 W/(m K).

Insulating capacity MAPEPUR ROOF FOAM G: 0.036 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 a standard MAPEPUR GUN and hand-held spray can version (MAPEPUR UNIVERSAL FOAM M).

TECHNICAL DATA:

Free expansion: up to 45 litres.

Insulating capacity MAPEPUR ROOF FOAM M: 0.039 W/(m K).

Insulating capacity MAPEPUR ROOF FOAM G: 0.036 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 Standard

Extrusion gun for MAPEPUR type "G".

TECHNICAL DATA:

Packaging: box with one adapter.

Suitable for the following MAPEI products:

MAPEPUR UNIVERSAL FOAM G, MAPEPUR ROOF
FOAM G, MAPEPUR CLEANER.

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.



Adesilex LC/R-P

Adhesive in water emulsion for bonding parquet on cementitious screeds made from MAPECEM, MAPECEM PRONTO, TOPCEM or TOPCEM PRONTO, wooden substrates, chip-board and heated floors.

TECHNICAL DATA:

Consistency: thick paste.

Colour: beige.

Open time: approximately 30 minutes.

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: 20 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

Adhesive in water dispersion with strong, rapid initial hold, with very low emission of volatile organic compounds (VOC) for vinyl floorings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Open time: approximately 25 minutes.
Final hardening time: 24 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 24 months. Protect from frost.
Application: extrusion pistol.
Consumption: 325 ml every 12 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 R 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 R Plus - very low emission.
Consumption: 800-1000 g/cm².
Storage: 12 months.
Packaging: 9 + 1 kg kit.



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 R 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, sililated 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 R 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, sililated 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 R 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.



Ultrabond Eco S955 1K

One-component, solvent-free, sililated 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 R 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 Eco S968 1K

One-component sililated 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 R Plus - very low emission.
Storage: 12 months.
Application: MAPEI notched trowel for wood.
Consumption: 800-1200 g/m².
Packaging: 15 kg 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.
EMICODE: EC1 R Plus - very low emission.
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).



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 R 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 R 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, silicated 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 R 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.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



Ultrabond S997 1K

One-component, solvent-free, ready-to-use, flexible, sililate 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.

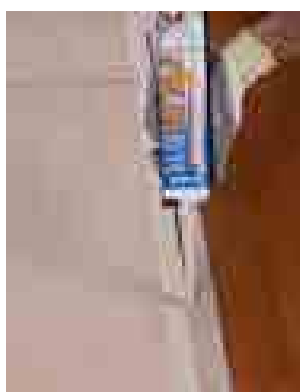
Application: extrusion.

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.



Silwood Decking

Solvent-free, sililated polymer sealant with a low modulus of elasticity, suitable for sealing all types of wooden floors on internal and external substrates. Ideal for sealing joints in external wooden floors and joints between different types of flooring materials.



TECHNICAL DATA:

Consistency: paste.

Colour: black.

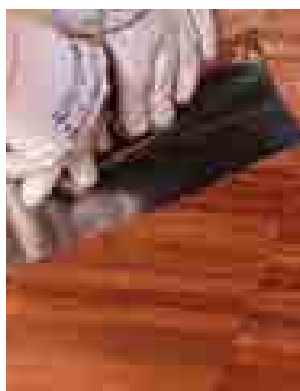
Sanding and varnishing: 4-5 days after removing traces of excess product.

Storage: 12 months.

Application: extrusion gun.

Consumption: according to the size of the joint.

Packaging: 600 ml soft-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 OIL.



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 NEW

One-component quick-drying water-based basecoat blender 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.

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 OIL.



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.

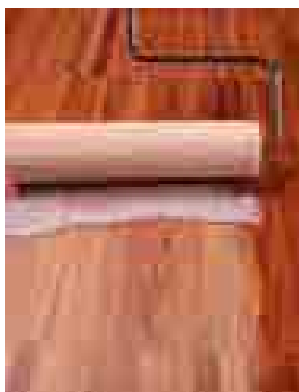
Sanding: after approx. 1 hour.

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.



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.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



Ultracoat Filler S1 NEW

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.

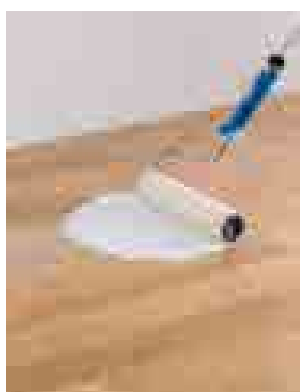
Drying time: touch dry approx. 15 minutes at +20°C and 50% RH.

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 High Traffic

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	comp. B
Consistency:	liquid	liquid.
Colour:	transparent	off-white.

Density of Ultracoat High Traffic 10 gloss (g/cm³):	1.040	1.060.
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Density of Ultracoat High Traffic 30 gloss (g/cm³):	1.030	1.120.
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Density of Ultracoat High Traffic 60 gloss (g/cm³):	1.040	1.080.
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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.

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 Sport NEW

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.
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Mixing ratio: (A : B) 10 : 1.

Viscosity of mix: 40 secs. (Ø 3 Ford cup).

Buffing: 8 hours.

Ready for service: 48 hours.

Storage: 12 months.

Packaging: 2x5 kg box.



Ultracoat Oil

Natural drying oil resin for treating wooden floors with an oil finish.

TECHNICAL DATA:

Consistency: fluid.

Storage: 24 months. Once opened a skin forms on the surface and then hardens with time.

Application: with a roller or trowel (ULTRACOAT OIL ROLLER/ULTRACOAT STEEL SPATULA).

Consumption:

– absorbent floors: approx. 150 g/m²;

– floors with low absorbency: approx. 70 g/m².

Packaging: 5 litre tanks, 2x5 l boxes.



Ultracoat Oil Care

Natural drying resin oil in water dispersion for finishing wooden floors treated with oil.

TECHNICAL DATA:

Consistency: fluid.

Storage: 24 months. Protect from frost.

Application: wax spreader.

Drying time: 30-60 minutes at +20°C. Complete hardening after 24 hours.

Set to light foot traffic: 1 hour.

Ready for use: 3 days.

Consumption: approx. 15 g/m².

Packaging: 5 and 1 litre drums.



Ultracoat Oil Color

Low-odour urethane oil finish for colouring wooden floors. It can be painted over with the ULTRACOAT finishes.

TECHNICAL DATA:

Consistency: fluid.

Appearance: coloured oil.

Colours: white, black, walnut, mahogany, cherry red, grey, grey wave.

Density (g/cm³): 0.8.

Application temperature range: +10°C/+25°C.

Application: roller, brush, pad or trowel.

Removal time: 35 to 45 minutes.

Buffing: after 16 hours with a ULTRACOAT BLACK PAD.

Ready for service: after 3 days.

Consumption: 1 litre every 10 to 50 m² depending on the absorption of the wood and the intensity of colour required.

Packaging: 2.5 l.



Ultracoat Oil Plus

Low-odour urethane oil finish for wooden floors. It can be painted over with the ULTRACOAT finishes.

TECHNICAL DATA:

Consistency: fluid.

Appearance: oil.

Colour: neutral.

Density (g/cm³): 0.8.

Application temperature range: +10°C/+25°C.

Application: roller, brush, pad or trowel.

Removal time: 35 to 45 minutes.

Buffing: after 16 hours with a ULTRACOAT BLACK PAD.

Ready for service: after 3 days.

Consumption: 1 litre every 10 to 50 m² depending on the absorption of the wood and the intensity of colour required.

Packaging: 2.5 l.



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.

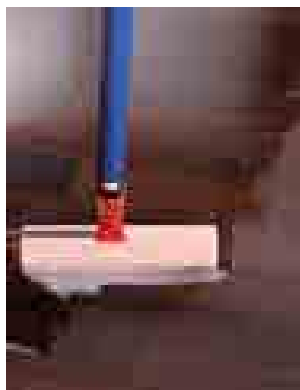
Application: roller, brush, pad or trowel.

Removal time: after 35-45 minutes.

Consumption: 1 litre every 10 to 30 m² depending on the absorption of the wood.

Packaging: 2.5 l tanks.

8. ADHESIVES AND FINISHING PRODUCTS FOR WOODEN FLOORS



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/m² 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/m².
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/m² per coat.
Packaging:	5.5 l units (2x5.5 l boxes).



Ultracoat Solvent Base NEW

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 m² per litre.
Packaging:	10 litre tanks.



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.

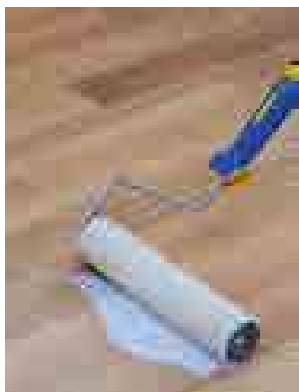


Ultracoat Top Deck Oil

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 Traffic MT NEW

Two-component water-based acrylic/polyurethane varnish for wooden floors with high resistance to wear and abrasion; certified EMICODE EC1 R 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 R 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: 10-30 gloss.
Önorm C2354: class C.
Storage: 12 months in its original, sealed packaging in a dry place.
Consumption: 80-100 ml/m² for the first coat and 50-70 ml/m² for the next coats.
Packaging: kit (A+B) - 4.5 l + 0.225 l.



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 coatings: tufted wallpaper, flock-print, heavy fabrics, glass fibre fabrics, etc.



TECHNICAL DATA:

Consistency: creamy paste.

Colour: white

Waiting time: from 0 to 10 minutes.

Open time: maximum 30 minutes.

Storage: 12 months. Protect from frost.

EMICODE: EC1 Plus - very low emission.

Application: N°1 notched trowel on the wall or, after dilution, by roller on the coating.

Consumption: 0.15-0.25 kg/m².

Packaging: 5 and 20 kg drums.



Adesilex TDV

Ready-to-use adhesive in water dispersion for laying non-woven fabric and glass fibre coverings.



TECHNICAL DATA:

Consistency: creamy paste.

Colour: white

Waiting time: 0-10 minutes.

Open time: 20 minutes.

Waiting time before painting: 24 hours.

Storage: 12 months (protect from frost).

EMICODE: EC1 Plus - very low emission.

Application: by roller or notched trowel.

Consumption: 0.15-0.25 kg/m².

Packaging: 5 and 20 kg drums.



Adesilex V4

Acrylic adhesive in water dispersion for bonding resilient floors.

TECHNICAL DATA:

Consistency: creamy paste.

Colour: white

Waiting time: from 10 to 20 minutes.

Open time: 20-30 minutes.

Set to light foot traffic: after approximately 3-5 hours.

Ready for use: 24-48 hours.

Storage: 12 months. Protect from frost.

Application: N° 1, 2 trowel, TKB A1, A2, B1, B2.

Consumption: 0.30-0.50 kg/m².

Packaging: 5, 12 and 25 kg drums.



Adesilex VS45

Acrylic adhesive in water dispersion for laying PVC and foam PVC wall coverings and cork coverings with a PVC backing.

TECHNICAL DATA:

Consistency: creamy paste.

Colour: white.

Waiting time: from 0 to 10 minutes.

Open time: maximum 10-20 minutes.

Storage: 12 months. Protect from frost.

Application: N° 1 notched trowel, TKB A1, A2, B1.

Consumption: 0.25-0.35 kg/m².

Packaging: 1, 5, 12 and 25 kg drums.



Aquacol T

Solvent-free, ultra quick-setting synthetic polymer adhesive in water dispersion with very low emission level of volatile organic compounds (VOC) for bonding textile flooring and linoleum.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: from 10 to 20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: after approximately 3-5 hours.
Ready for use: at least 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB A2, B1, B2.
Consumption: 0.30-0.55 kg/m².
Packaging: 5, 12 and 25 kg drums.



Mapecryl Eco

Acrylic adhesive in water dispersion for vinyl and textile floors with very low emission level of volatile organic compounds (VOC).



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.



Rolcoll

Multi-purpose adhesive in water dispersion for laying vinyl floors and walls and for bonding textile floors and walls with all types of backing.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time:
 – applied by trowel: from 10 to 20 minutes;
 – applied by roller or spray: from 0 to 10 minutes.
Open time:
 – applied by trowel: 30-40 minutes;
 – applied by roller or spray: 20-30 minutes.
Set to light foot traffic: after 3-5 hours.
Ready for use: approximately 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1 or 2 trowel, TKB A1, A2, B1, B2, roller or spray.
Consumption:
 – by trowel: 0.3-0.5 kg/m²;
 – by roller: 0.20-0.30 kg/m²;
 – by spray: 0.25-0.3 kg/m².
Packaging: 1, 5, 12 and 25 kg drums.



Ultrabond 333 NEW

Solvent-free adhesive for vinyl and textile floors.

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 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.30-0.50 kg/m².
Packaging: 16 and 25 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



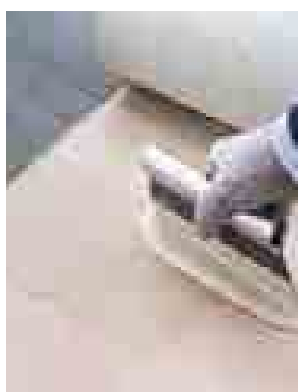
Ultrabond Eco 4 LVT

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



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Density (g/cm³): 1.20.
Waiting time: 0-10 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: 48-72 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1 notched trowel, TKB A1, A2.
Consumption: Mapei N° 1 trowel: 0.25 to 0.30 kg/m².
Packaging: 16 kg and 5 kg drums.



Ultrabond Eco 140 NEW

Adhesive in water dispersion with very low emission level of volatile organic compounds (VOC), for textile floors.



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° 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.30-0.50 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 170

Adhesive in water dispersion with a quick, strong initial bond and very low emission level of volatile organic compounds (VOC), specially formulated for textile flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: from 10 to 20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: approximately 3-5 hours.
Ready for use: after 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB A2, B1, B2.
Consumption: 0.25-0.45 kg/m².
Packaging: 16 kg drums.



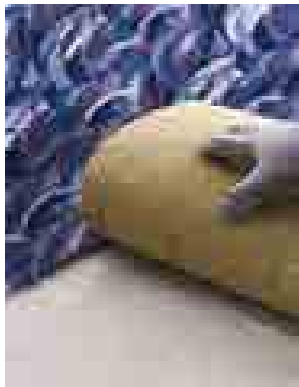
Ultrabond Eco 185

Solvent-free, quick-setting synthetic polymer adhesive in water dispersion with a very low emission level of volatile organic compounds (VOC) for bonding textile flooring and coverings.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: after 3-5 hours.
Ready for use: after 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB A2, B1, B2.
Consumption: 0.25-0.45 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 195 NEW

Tough, odourless adhesive with extended open time and very low emission of volatile organic compounds (VOC) specific for textile flooring.



LOW ODOUR

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: approximately 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.30-0.45 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 310

Rapid-setting adhesive in water dispersion for multi-layered cork floors and coatings with PVC backing.

TECHNICAL 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.
Waiting time before putting into service: approx. 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1 trowel, TKB A1, A2, B1.
Consumption: 0.25-0.35 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 350

Acrylic adhesive in water dispersion with very low emission level of volatile organic compounds (VOC) which forms a tough bond even after being left open for a long time, for laying rubber, PVC, vinyl, polyolephinic, linoleum and carpet flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: from 10 to 20 minutes.
Open time: maximum 50-60 minutes.
Set to light foot traffic: after 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1 notched trowel, TKB A2, B1.
Consumption: 0.25-0.35 kg/m².
Packaging: 16 kg drums.



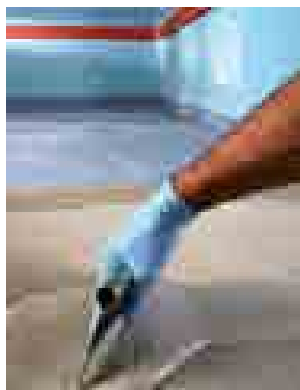
Ultrabond Eco 375

Adhesive in water dispersion with a strong and quick initial bond, long open time and very low emission level of volatile organic compounds (VOC), for vinyl floors.



TECHNICAL DATA:

Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 40-50 minutes.
Set to foot traffic: 3-4 hours.
Waiting time before putting into service: approx. 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months.
Application: N° 1 trowel, TKB A2, B1.
Consumption: 0.25-0.35 kg/m².
Packaging: 16 kg drums.

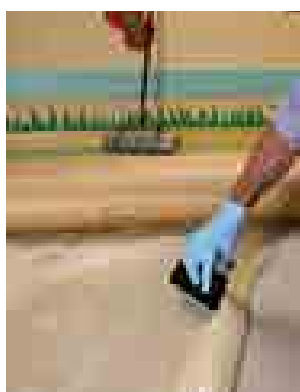


Ultrabond Eco 380

Adhesive in water dispersion with a strong initial bond, long open time, for vinyl floors.

TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 10-20 minutes.
Open time: 60-70 minutes.
Set to light foot traffic: 3-4 hours.
Ready for use: 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 1 notched trowel, TKB A2, B1.
Consumption: 0.25-0.35 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 520

Adhesive in water dispersion with a strong initial bond and very low emission level of volatile organic compounds (VOC), specially formulated for linoleum.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: from 10 to 20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: approximately 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 trowel, TKB B1/B2.
Consumption: from 0.3 to 0.5 kg/m².
Packaging: 16 kg drums.



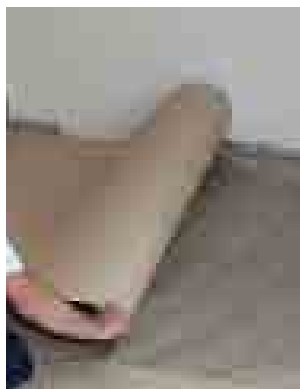
Ultrabond Eco 530

Linoleum adhesive with a rapid, strong initial bond. Suitable for the installation of linoleum on the fresh adhesive film.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes.
Open time: 15-20 minutes.
Set to light foot traffic: after approx. 3-5 hours.
Ready for use: after at least 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months in its original sealed packaging. Avoid prolonged exposure to frost.
Application: N° 2 trowel, TKB B1/B2.
Consumption: 0.3-0.45 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 540

Synthetic polymer adhesive in water dispersion with very low emission level of volatile organic compounds (VOC) for bonding linoleum.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: from 10 to 20 minutes.
Open time: 20-30 minutes.
Set to light foot traffic: approximately 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB B1/B2.
Consumption: 0.3-0.45 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 550

Hard and fast set adhesive for all types of linoleum floorings with very low emission level of volatile organic compounds (VOC).



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° 2 trowel, TKB B1/B2.
Consumption: 0.3-0.45 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco 575

Solvent-free, synthetic polymer adhesive in water dispersion with very low emission level of volatile organic compounds (VOC), for installing skirtings.



TECHNICAL DATA:

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



Ultrabond Eco Fast Track

Fast grip, high performance adhesive in water dispersion for quick renovation of resilient floor coverings and for installing skirtings, coves and profiles.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: beige.
Waiting time: 5-10 minutes.
Open time: 15 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 or 2 trowel, TKB A1, A2, B1, B2.
Consumption: 0.25-0.40 kg/m².
Packaging: 7 kg drums.



Ultrabond Eco Fix

Adhesive in water dispersion which remains permanently tacky with very low emission level of volatile organic compounds (VOC), for self-laying flooring tiles.



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 - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1 trowel or by roller.
Consumption: 0.10-0.20 kg/m².
Packaging: 10 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



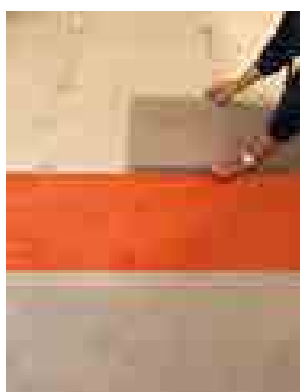
Ultrabond Eco Remove **NEW**

Water-removable adhesive and fixative for laying textile and resilient flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: 0-10 minutes (when it turns opalescent when used as a fixative).
Set to foot traffic: 3-5 hours (immediate when used as a fixative).
Ready for service: 24-48 hours (immediate when used as a fixative).
Storage: 12 months.
Application: N° 1 MAPEI trowel, TKB A1 or A2.
Consumption: 150-300 g/m².
Packaging: 16 kg drums.



Ultrabond Eco Tack

Adhesive with permanent tack in water dispersion with a very low emission of volatile organic compounds for self-laying textile squares.



TECHNICAL DATA:

Consistency: liquid.
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 - very low emission.
Storage: 12 months.
Application: by roller.
Consumption: 0.1-0.2 kg/m².
Packaging: 15 kg drums.



Ultrabond Eco Tack 4 LVT

Permanent tack adhesive in water dispersion for loose lay LVT floor.



TECHNICAL DATA:

Consistency: liquid.
Colour: light beige.
Waiting time: install flooring when the adhesive becomes transparent (after 2-12 hours, depending on surrounding conditions and absorption of the substrate).
Set to foot traffic: immediately after installation.
Ready for service: immediately after installation.
EMICODE: EC1 - very low emission.
Storage: 12 months. Protect from frost.
Application: roller.
Consumption: 0.1-0.2 kg/m².
Packaging: 15 kg drums.



Ultrabond Eco TX3 **NEW**

Adhesive with excellent rapid tack for laying textile and linoleum 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° 2 notched trowel, TKB B1, B2.
Consumption: 0.30-0.50 kg/m².
Packaging: 5, 16 and 25 kg drums.



Ultrabond Eco V4 SP

Multi-purpose, acrylic adhesive in water dispersion with a long open time and very low emission level of volatile organic compounds (VOC), for laying rubber, PVC, vinyl, polyolephinic, linoleum and carpet flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: approximately 10-20 minutes.
Open time: 30-40 minutes.
Set to light foot traffic: after 3-5 hours.
Ready for use: 24-48 hours.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: N° 1 or 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.25-0.5 kg/m².
Packaging: 8 and 16 kg drums.



Ultrabond Eco V4 SP Conductive

Light-coloured adhesive in water dispersion with very low emission level of volatile organic compounds (VOC) for installing conductive vinyl, rubber and textile flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light grey.
Waiting time: from 0 to 10 minutes.
Open time: 15 minutes.
Set to light foot traffic: 3-5 hours.
Ready for use: after approx. 48-72 hours.
Electrical resistance: 100,000 ohm.
EMICODE: EC1 Plus - very low emission.
Storage: 12 months. Protect from frost.
Application: notched trowel.
Consumption: 0.3-0.4 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco V4 SP Fiber

Multi-purpose, acrylic adhesive in water dispersion with extended open time and very low emission level of volatile organic compounds (VOC) improved by adding fibres, particularly suitable for laying rubber and PVC flooring.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: light beige.
Waiting time: approximately 0-10 minutes.
Open time: 20-30 minutes.
Set to 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 or 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.25-0.5 kg/m².
Packaging: 16 kg drums.



Ultrabond Eco VS30 NEW

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.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco VS90 Plus

Universal high temperature adhesive in water dispersion with very low emission level of volatile organic compounds for resilient floor coverings.



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 or 2 trowel, TKB A1/A2, B1/B2.
Consumption: 0.25-0.50 kg/m².
Packaging: 16 kg drums.



Ultrabond Super Grip

Adhesive for mounting internal fixtures.



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.



Ultrabond TX57 NEW

Adhesive with high rapid tack for laying textile and linoleum flooring.



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: approximately 24-48 hours.
Storage: 12 months. Protect from frost.
Application: N° 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.30-0.55 kg/m².
Packaging: 5 kg, 12 kg and 25 kg drums.

9.2 Grouts for LVT



Flexcolor 4 LVT

Ready to use grout for Luxury Vinyl Tiles.



TECHNICAL DATA:

Consistency: thick paste.
Colors: 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® pad and MAPEI sponge.
Storage: 12 months.
Consumption: according to the size of the joints.
Packaging: 5 kg drums.

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: fluid liquid.
Color: 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 notched trowel, TKB A1, A2, B1, B2, C1.
Consumption: 0,35-1,0 kg/m².
Packaging: 5 and 10 kg drums.



Adesilex G19 Conductive

Two-component, epoxy-polyurethane one-buttering 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 or 2 notched trowel, TKB A2, B1, B2, B3.
Consumption: 0.3-0.45 kg/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: fluid liquid.
Color: 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 notched trowel, TKB A1, A2, B1, B2, C1.
Consumption: 0.35-1.0 kg/m².
Packaging: 10 kg drums.



Adesilex G19 FR Fast

Solvent free, two component, fast setting, epoxy-polyurethane adhesive for resilient and textile flooring 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, requirement 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: fluid liquid.
Color: 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 notched trowel, TKB A1, A2, B1, B2, C1.
Consumption: 0.40-0.80 kg/m².
Packaging: 10 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



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 fiberglass underlays such as MAPELAY, in order to avoid the ribs of adhesive may show through.

TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Color: 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 MAPEI notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.35-0.55 kg/m².
Packaging: 5 and 10 kg drums.



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 underlays such as MAPELAY, in order to avoid the ribs of adhesive may show through.



TECHNICAL DATA:

Consistency: comp. A: thick paste; comp. B: fluid liquid.
Color: 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 MAPEI notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.35-0.55 kg/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: approximately 30 minutes.
Open time: 50-60 minutes.
Setting time: approximately 4 hours.
Set to light foot traffic: after 12-24 hours.
Ready for use: after 3 days.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: N° 1 or 2 notched trowel, TKB A1, A2, B1, B2.
Consumption: 0.3-0.6 kg/m².
Packaging: 10 kg drums.



Ultrabond Eco MS 4 LVT NEW

One-component, polymer-silylate adhesive for LVT. Particularly suitable for laying LVT and PVC in wet environments.



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 R Plus - very low emission.
Storage: 12 months.
Application: N° 1, 2 notched trowel, TKB A1, A2, B1.
Consumption: 0.25-0.45 kg/m².
Packaging: 15 kg drums.



Ultrabond Eco NEW **MS 4 LVT/Wall**

One-component, polymer-silicate adhesive for the installation of LVT on walls.



TECHNICAL DATA:

Consistency: creamy paste.
Colour: ivory.
Open time: 20-30 minutes.
Ready for use: 24 hours.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: N° 1, 2 notched trowel, TKB A1, A2, B1.
Consumption: 0.25-0.45 kg/m².
Packaging: 7 kg drums.



Ultrabond Eco S1000 1K

One-component, fibre-reinforced, silicate 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 R Plus - very low emission.
Storage: 12 months.
Application: MAPEI n. 1 or 2, TKB A1/A2/B1 notched trowel.
Consumption: 0.25-0.45 kg/m².
Packaging: 15 kg drums.

9.4 Polychloroprenic and elastomeric contact adhesives



Adesilex LP

Polychloroprenic double-buttering 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: approximately 10-20 minutes.
Open time: 5 hours.
Set to light foot traffic: immediate.
Ready for use: immediate.
Storage: 24 months.
Application: N° 1 notched trowel, TKB A2, A3.
Consumption: 0.20-0.35 kg/m².
Packaging: 1, 5 and 10 kg drums.



Adesilex VZ

Double-buttering polychloroprenic adhesive in solvent for laying PVC floors and walls which must stick immediately and PVC base-boards and skirting boards.



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: 0.2-0.3 kg/m².
Packaging: 1, 5 and 10 kg drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Eco Contact

Solvent-free contact adhesive for resilient and textile floor and wall coverings. ULTRABOND ECO CONTACT is a contact adhesive which has to be applied on both the substrate and the back of the material. It is suitable for bonding coverings, 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

Multi-purpose powder adhesive for all types of wall coverings with a paper backing.

TECHNICAL DATA:

Consistency: powder.

Colour: white.

Dilution ratio: 250 g of powder with 4-7 litres of water (according to use).

Storage: 24 months.

Application: trowel, brush or roller.

Consumption: 0.04-0.08 kg/m².

Packaging: 250 g.



Glicovil Marker

Multi-purpose powder adhesive for heavy vinyl wall coverings with a paper or non-woven fabric backing. When applied on walls, it leaves a coloured trace to highlight the distribution of the adhesive which disappears after approximately 10 minutes.

TECHNICAL DATA:

Consistency: powder.

Colour: white.

Dilution ratio: 250 g of powder with 6-8 litres of water (according to use).

Storage: 24 months.

Application: trowel, brush or roller.

Consumption: 0.08-0.1 kg/m².

Packaging: 250 g.



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: 0.08-0.1 kg/m².

Packaging: 250 g.

9.6 Cementitious adhesives



Granirapid

Two-component, high-performance, deformable, rapid-setting and hydrating cementitious adhesive for removable rubber tiles.

Conformity of Granirapid is declared in ITT certificates n° 85330201.101 (SFV) issued by the Säurefließner-Vereinigung e.V. Grossburgwedel laboratory (Germany) and n° 25070279/Gi (TUM), n° 25080057/Gi (TUM) and n° 25080060/Gi (TUM) issued by the Technische Universität München laboratory (Germany) and in ITT certificates n° 2008-B-2749/17 and 2008-B-2749/21 issued by the MPA Dresden Institute (Germany)



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.
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 R 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.

9.7 Adhesive strips



Mapectact

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



TECHNICAL DATA:

Colour:
 – adhesive: transparent;
 – reinforcement: orange.
Weight per m²: 0.38 kg/m².
Application temperature range: from +15°C to +35°C.
Waiting time: none, bonds immediately.
Set to 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 R 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: 15 kg plastic drums. Also available in 15 kg metallic drums.



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 R 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 plastic drums. Also available in 15 kg metallic drums.

9. ADHESIVES FOR RESILIENT AND TEXTILE COVERINGS



Ultrabond Turf LS

One-component, ready-to-use sililated 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.

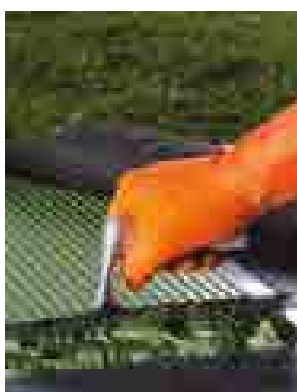
Set to foot traffic: 12 hours.

Storage: 12 months.

Application: sealant extrusion gun.

Consumption: depending on application technique.

Packaging: 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 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.

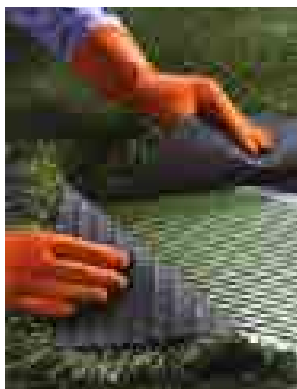
Set to light foot traffic: 12 hours.

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 (rapid version: 30 min).

Application temperature: from +0°C to +35°C.

Open time: 70-80 minutes (rapid version: 40-45 min).

EMICODE: EC1 R 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.



Ultrabond Turf Tape 100

Joining 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

Joining 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.



**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 30 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: 4x5 and 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.

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 canisters.



Mapequarz

Dry quartz aggregates with no impurities used for making cementitious mortar for tile joints or for sprinkling on surfaces to clean grout.

TECHNICAL DATA:

Use: added as an aggregate or for sprinkling on surfaces.

Consumption:

- as aggregate; mixing ratio of MAPEQUARZ: cement from 1:1 to 2:1;
- for sprinkling; from 2 to 5 kg/m².



Mapetex System

System for laying removable ceramic tiles and stone material. Also used for isolating and anti-fracture layers.

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 comprising MAPECONTACT RELEASE double-sided adhesive band and MAPESONIC CR soundproofing sheets.



TECHNICAL DATA:

- MAPECONTACT RELEASE:
EMICODE: EC1 Plus - very low emission.
- Storage:** 12 months.
- Packaging:** boxes measuring 14x14x84 cm (containing 1 roll 750 mm x 25 m + 1 roll 50 mm x 25 m - total 20 m²).

MAPESONIC CR:

- EMICODE:** EC1 Plus - very low emission.
- Format:**
 - 30 x 1 m sheets (2 mm thick);
 - 20 x 1 m sheets (4 mm thick).
- Reduction of noise from footsteps EN ISO 140-8:** 10 dB.

Application: see System Data Sheet.

10.2 Complementary products for laying resilient and textile coverings

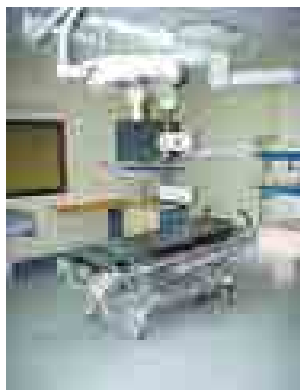


Mapelay

PVC waterproofing and isolating sheet reinforced with glass fibres, for laying internal resilient and fabric floors on substrates which have cracks, which are particularly dirty or damp or which are subject to capillary-action 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.

Inflammable: 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.

Inflammable: 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 NEW

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.



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 NEW

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 NEW

Special fabric pad for applying ULTRACOAT OIL, ULTRACOAT OIL PLUS and ULTRACOAT OIL COLOR. Specific for removing the products.



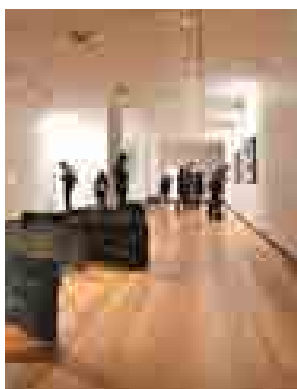
Ultracoat Pad

Pads used for polishing and cleaning parquet floors.
Packaging: boxes of 6 pads.



Ultracoat Polish Anti-Slip NEW

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 Matt NEW

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 NEW

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 MT8 NEW

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



Ultracoat Roller Quick

Air-tight container for storing ULTRACOAT ROLLER after being used and then cleaned.
Packaging: boxes of 20 pieces.



Ultracoat Roller T3 NEW

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



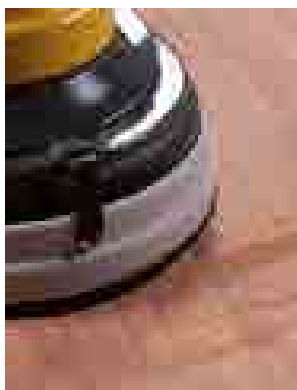
Ultracoat Roller T5 NEW

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 NEW

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. 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 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.

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 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 according to the absorption.

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 according to absorption.

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 +10°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).



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.

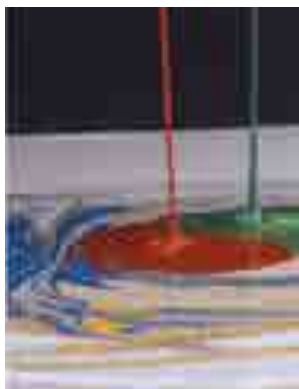
Bulk density: 1.4 ± 0.05 g/cm³.

Storage: 12 months in its original sealed packaging.

Application: mix with polyurethane/cement-based formulates.

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 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°C to +30°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.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



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/cm³): 0.9.

Dry substances content (%): 80.

Flash point (ISO 3679): +64°C.

Storage: 12 months in its original sealed packaging.

Application: squeegee, (airless) spray system, brush or roller.

Consumption: 0.1-0.4 kg/m² 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°C to +40°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 (kg/m²·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/m² 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.



Mapecrete 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: 6 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.



Mapecolor CPU/COVE

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 136-1): $\geq 40 \text{ N/mm}^2$.

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).



Mapecolor 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).



Mapecolor 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).



Mapecolor CPU/NZ NEW

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).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



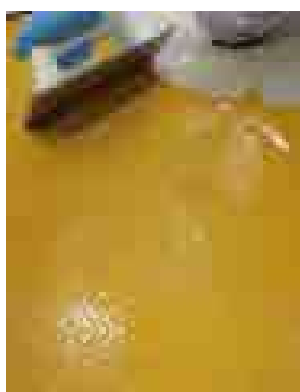
Mapefloor CPU/RT

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 ageing: excellent.
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).



Mapecolor 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: 0.08-0.3 kg/m² per coat according to absorbency.
Packaging: 10 kg kits (A+B).



Mapecolor 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).

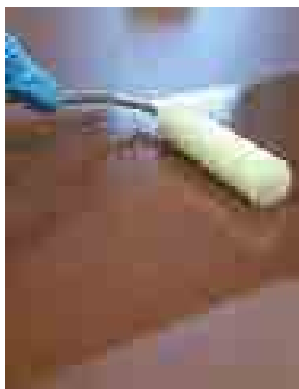


Mapecolor Finish 53 W/L

Two-component, aliphatic, transparent, shiny polyurethane finish in water dispersion with no NMP for protecting resin 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.



Mapecolor Finish 54 W/S

Two-component, aliphatic, transparent, matt polyurethane finish in water dispersion with no NMP for protecting resin 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.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



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 colors - 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: 6 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 +23°C: 50 minutes.
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: 100 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, elastic coloured polyurethane finish resistant to wear and UV rays.

TECHNICAL DATA:

Mixing ratio: comp. A: comp. B = 7 : 3.
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: 150.
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).



Mapecolor Finish 630

Two-component, protective acrylic film-forming 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.



Mapecolor 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: 8 and 20 kg kits (A+B).



Mapecolor 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).



Mapecolor 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).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapecolor 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): $10^4 < R_E < 10^6$, 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).



Mapecolor 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): $10^4 < R_E < 10^6$, 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).



Mapecolor 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).



Mapecolor 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).



Mapecolor 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).



Mapecolor 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: 500-700 g/m² (depending on the absorption of the substrate).

Packaging: 28 kg kit (A + B).



Mapecolor 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): 3,000 (# - 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: comp. A 2-4 h - comp. B approx. 4 hours;

– set to foot traffic: comp. A 24 h - comp. B approx. 8 hours;

– full hardening time: comp. A 7 gg - comp. B approx. 3 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 MAPEFLOOR COMFORT.

Packaging: is supplied in 12.2 kg kits (A+B) (component A = 10 kg - component B = 2.2 kg).



Mapecolor PU 400 LV

Two-component, self-levelling, neutral-coloured, highly flexible polyurethane binder with fillers.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 24 : 76.

Colour of mix: neutral.

Consistency of mix: viscous fluid.

Pot life at +23°C: 59 minutes.

Dusty dry: 4-6 hours.

Set to light foot traffic: 24 hours.

Final hardening time: 7 days.

Elongation (DIN 53504): approx. 470%.

Shore A hardness after 28 days: 70.

Storage: 6 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: 19.75 kg kits (A + B).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapecolor 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%.

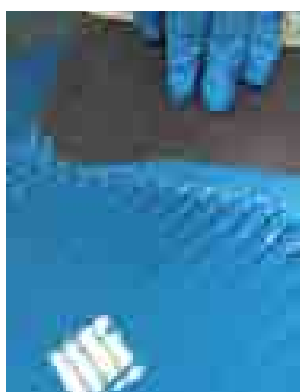
Shore A hardness after 7 days: 90.

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).



Mapecolor 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): 2,000 (# 5 - 50 rpm).

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;

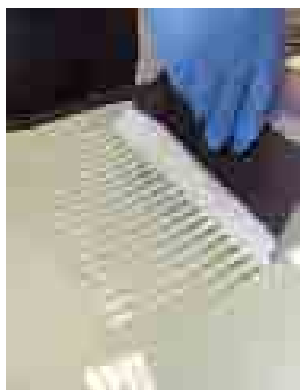
– full hardening time: 7 days.

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).



Mapecolor 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): 3,100 (# 5 - 50 rpm).

Colour of mix: colours please contact MAPEI Head Office.

Consistency of mix: self-levelling fluid paste.

Density of mix (kg/m³): approx. 1,400.

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 and red.

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 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: viscous 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 American trowel or smooth trowel.
Consumption: 0.3-0.7 kg/m² per coat, depending on the absorbency and characteristics of the substrate.
Packaging: 20 kg kits (A+B).



Primer SN Rasante

Two-component, epoxy skimming product for cementitious surfaces, also on vertical surface.

TECHNICAL DATA:

Consistency of mix: paste.
Colour: straw yellow.
Density of mix (kg/m³): 1,550.
Viscosity of mix (Pa·s): 45 (# 6 - 20 rpm).
Packaging: 25 kg kits (A+B).



Primer W-AS

Two-component epoxy primer in water dispersion for electrically conductive coatings.

TECHNICAL DATA:

Mixing ratio: comp. A : comp. B = 25 : 75.
Colour of mix: black.
Consistency of mix: fluid.
Density of mix (kg/m³): 1,220.
Viscosity of mix (mPa·s): 950 (# 4 - 50 rpm).
Workability time: +10°C approx. 120 min. +20°C approx. 90 min. +30°C approx. 30 min.
Application temperature range: from +10°C to +30°C.
Electrical resistance: $10^3 < R_E < 10^4$ Ohm (typical resistance at earthing points).
N.B.: these values may vary according to surrounding conditions (temperature and humidity) and the equipment used to take the readings.
Set to foot traffic: approx. 26 h at +10°C; approx 13 h at +20°C; approx 8 h at +30°C.
Storage: 12 months in its original packaging at a temperature of between +5°C and +30°C.
Consumption: 80-100 g/m².
Packaging: 8 kg kits (A+B).



Triblock TMB

Three-component, self-levelling, epoxy-cementitious coating for layers from 1.5 to 3 mm thick.



TECHNICAL DATA:

Mixing ratio: comp. A : comp. B : comp. C = 1 : 3 : 20.
Colour of mix: light grey.
Consistency of mix: viscous fluid.
Density of mix (kg/m³): 2,050.
Pot life of mix at +20°C: 20 mins.
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 (at +23°C): 7 days.
Compressive strength (EN 13892-2) (N/mm²):
after 24 hours after 7 days after 28 days
25 55 68
Flexural strength (EN 13892-2) (N/mm²):
after 24 hours after 7 days after 28 days
7 10 12
Adhesion to concrete after 28 days (EN 13892-8) (N/mm²): > 3.
Böhme wear resistance after 28 days (cm³ / 50 cm²): 7.5.
Consumption: approx. 2.25 kg/m² per mm of thickness.
Packaging: 24 kg kits (A+B+C).

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS

11.2 Cementitious based products



Mapetop N AR6

Pre-blended, ready-to-use industrial hardener for concrete floors made from special quartz in a granulometric curve, Portland cement and special additives.



TECHNICAL DATA:

Colour of mix: light grey, anthracite, light green, brown and red.
Density of mix (kg/m³): 2,200.
pH of mix: >12.5.
Application temperature range: from +5°C to +35°C.
Compressive strength EN 13892/2 (N/mm²): 30 (after 1 day); 70 (after 28 days).
Flexural strength EN 13892/2 (N/mm²): 6 (after 1 day) 8 (after 28 days).
Bond strength on concrete (substrate in MC 0.40 - water/cement ratio = 0.40) according to EN 1766 (N/mm²): ≥ 2 (after 28 days).
Impermeability to water - penetration depth - EN 12390/8 (mm): < 5.
Coefficient of capillary absorption EN 1062/3 (kg/m²·h^{0.5}): < 0.1.
Böhme abrasion resistance EN 13892/3: Class 6.
Reaction to fire EN 13501: Euroclass A1.
Storage: 12 months in its original sealed packaging.
Application: by dusting.
Consumption:
 - manual application: from 1.5 to 2.5 kg/m² per coat;
 - mechanical application: from 3 to 5 kg/m².
Packaging: 25 kg bags.



Mapetop S AR3 NEW

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 R - 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 Color Paste

Colouring pastes for colouring the ULTRATOP LOFT system.

TECHNICAL DATA:

Consistency: fluid paste.
Colours: black, brown, blue, yellow and red.
Density: 1.16-1.75 g/cm³ depending on colour.
Application: add and mix to the mixing water for preparing ULTRATOP LOFT F and ULTRATOP LOFT W.
Consumption: from 0.1 to 2% by weight of ULTRATOP LOFT F and ULTRATOP LOFT W depending on the intensity of colour required.
Packaging: 1 kg cans.



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: $\geq 32 \text{ N/mm}^2$.
Flexural strength after 28 days at +23°C: $\geq 9 \text{ N/mm}^2$.
Böhme abrasion resistance after 28 days at +23°C: 11 $\text{cm}^3/50 \text{ cm}^2$.
EMICODE: EC1 R - very low emission.
Storage: 12 months in its original sealed packaging.
Application: by hand or mortar pump.
Consumption: 16.5-17.5 kg/m^2 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/m^3 .
Mixing ratio: approx. 32-35 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/mm^2 .
Flexural strength at +23°C after 28 days: 10 N/mm^2 .
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/m^2 .
Packaging: 20 kg bags.



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/m^3 .
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/mm^2 .
Flexural strength at +23°C after 28 days: 12 N/mm^2 .
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/m^2 .
Packaging: 20 kg bags.



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/m^3 .
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 16.5mx10mm 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.



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.



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.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Mapecoat 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.



Mapecoat 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.



Mapecoat 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.



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 matte 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.



Quartz 0.25

Quartz sand used as a “filler” and/or for “sprinkling” 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 “sprinkling” on epoxy and polyurethane systems.

TECHNICAL DATA:

Colour: greyish white.

Maximum size of inerts: 0.5 mm.

Packaging: 25 kg bags.

11. PRODUCTS FOR RESIN AND CEMENTITIOUS FLOORS



Quartz 0.9 NEW

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 “sprinkling” 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 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



Mape-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 NEW

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 NEW

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.

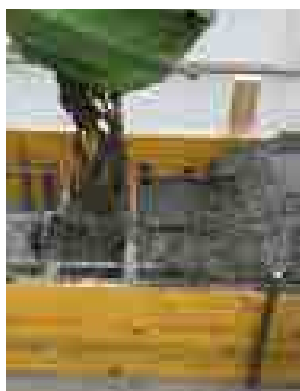
Classification: EN 1504-3 - class R4 structural mortar.

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 NEW

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

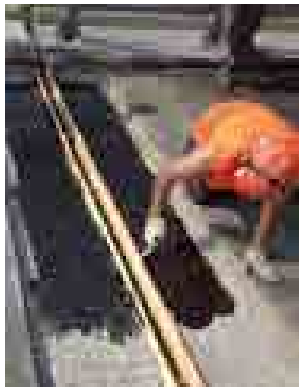
Quick-setting and hardening, compensated-shrinkage thixotropic mortar for repairing concrete and fixing drains, manholes and urban fittings in place.



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.

12. PRODUCTS FOR REPAIRING ASPHALT AND HIGHWAY MAINTENANCE



Primer RM NEW

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 10

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.

Dry solids content: 10%.

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 30

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.

Dry solids content: 30%.

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.

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 R 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

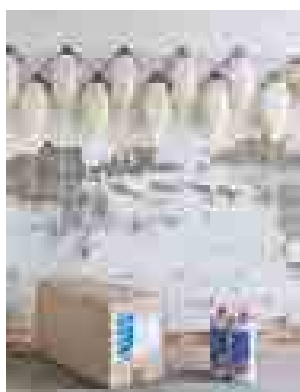


Mapestop

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 kg metal can with spout.



Mapestop Kit Diffusion

Complete kit to create a slow-diffusion chemical barrier against capillary rising damp.

TECHNICAL DATA:

Packaging: cardboard box containing 8 off 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 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** 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 R 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 LC

Salt-resistant, lime and **ECO-POZZOLAN** 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** 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 R 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** 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: ≤ 10 μ.

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 R 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, transpirant lime and **ECO-POZZOLAN** scratch-coat mortar applied as a base layer for de-humidifying, transpirant 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: ≤ 30 μ.

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.

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS



PoroMap Intonaco

Salt-resistant, hydraulic pozzolanic-reaction binder-based macro-porous, transpirant rendering mortar applied by hand for renovating masonry with rising damp.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.
Mixing ratio: 100 parts of POROMAP INTONACO with 20-22 parts of water (4-4.5 litres of water per 25 kg bag of product).
Porosity of wet mortar: > 25%.
Water vapour permeability coefficient: $\leq 10 \mu$.
Workability time of fresh mortar: approx. 60 mins.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - R type mortar, category CS II.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 10-11.5 kg/m² (per cm of thickness).
Packaging: 20 kg bags.



PoroMap Intonaco Macchina

Salt-resistant, hydraulic pozzolanic-reaction binder-based macro-porous rendering mortar applied with a mortar pump for renovating masonry with rising damp.



TECHNICAL DATA:

Maximum size of aggregate: 1 mm.
Mixing ratio: 100 parts of POROMAP INTONACO MACCHINA with approx. 21.5-23.5 parts of water (4.25-4.75 litres of water per 25 kg bag of product).
Porosity of wet mortar: > 20%.
Water vapour permeability coefficient: $\leq 13 \mu$.
Workability time of fresh mortar: approx. 60 mins.
Minimum applicable thickness: 20 mm.
Maximum applicable thickness per layer: 30 mm.
Classification: EN 998-1 - R type mortar, category CS II.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: continuous-mixing mortar pump.
Consumption: 11.5-13 kg/m² (per cm of thickness).
Packaging: 20 kg bags.



PoroMap Rinzafo

Salt-resistant, hydraulic pozzolanic-reaction binder-based transpirant keying mortar used as the first layer in de-humidifying render systems.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of POROMAP RINZAFFO with 15.5-17 parts of water (4-4.5 litres of water per 25 kg bag of product).
Porosity of wet mortar: 6%.
Water vapour permeability coefficient: $< 20 \mu$.
Workability time of fresh mortar: approx. 60 mins.
Maximum applicable thickness: 5 mm.
Classification: EN 998-1 - GP type mortar, category CS IV.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: trowel.
Consumption: 7.5-8 kg/m² (for a 5 mm thick layer).
Packaging: 25 kg bags.



PoroMap Rinzafo Macchina

Salt-resistant, hydraulic pozzolanic-reaction binder-based transpirant keying mortar applied with a mortar pump as the first layer in de-humidifying render systems.



TECHNICAL DATA:

Maximum size of aggregate: 2.5 mm.
Mixing ratio: 100 parts of POROMAP RINZAFFO MACCHINA with 19-21 parts of water (4.75-5.25 litres of water per 25 kg bag of product).
Porosity of wet mortar: 6%.
Water vapour permeability coefficient: $< 20 \mu$.
Workability time of fresh mortar: approx. 60 mins.
Maximum applicable thickness: 5 mm.
Classification: EN 998-1 - GP type mortar, category CS IV.
EMICODE: EC1 R Plus - very low emission.
Storage: 12 months.
Application: continuous-mix mortar pump.
Consumption: 7.5-8 kg/m² (for a 5 mm thick layer).
Packaging: 25 kg bags.

13.6 Lime based transpirant renders



Mape-Antique Intonaco NHL

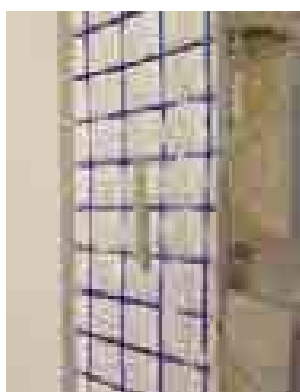
Transpirant base render made from natural hydraulic lime and **ECO-POZZOLAN**, for application on existing masonry work, including those of historical interest, and on new constructions.



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 R 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.

13.7 Structural “reinforced” renders



Mape-Antique Strutturale NHL

High-performance transpirant mortar for render and masonry work made from natural hydraulic lime and **ECO-POZZOLAN**, 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: 60μ .
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 transpirant 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: 20μ .
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 transpirant and structural mortars



Mape-Antique FC Civile

Salt-resistant, fine-grained lime and **ECO-POZZOLAN** transpirant skimming mortar for a natural finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 400 μ m.
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 R 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.

13. PRODUCTS FOR THE RESTORATION OF MASONRY BUILDINGS



Mape-Antique FC Grosso

Salt-resistant, large-grained lime and **ECO-POZZOLAN** transpirant skimming mortar for a rough finish on render.



TECHNICAL DATA:

Maximum size of aggregate: 600 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 R - very low emission.
Storage: 12 months.
Application: flat metal trowel.
Consumption: approx. 1.4 kg/m² (per mm of thickness).
Packaging: 25 kg bags.



Mape-Antique FC Ultrafine

Salt-resistant, ultra fine-grained lime and **ECO-POZZOLAN** transpirant 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 R 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**, 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 transpirant mortar for render and masonry work made from natural hydraulic lime and **ECO-POZZOLAN**, 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, transpirant, 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.

13.10 Waterproofing and protecting construction features



Mape-Antique Ecolastic NEW

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.



RESTORATION OF WOODEN STRUCTURES

14. RESTORATION OF 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

15. 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: 12 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.

16. PRODUCTS FOR THE RESTORATION OF CONCRETE



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 NEW

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: 3 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 NEW **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.

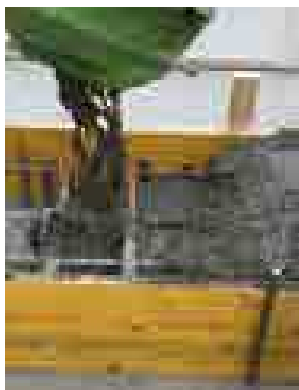
Classification: EN 1504-3 - class R4 structural mortar.

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 NEW **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 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 NEW

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 NEW

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: 4 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 NEW

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.



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.

16. PRODUCTS FOR THE RESTORATION OF CONCRETE



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: 4 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.



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 R 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 R 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 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.





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: 2 kg/m² per mm of thickness.
Packaging:
 30 kg kits:
 – 24 kg bags (comp. A);
 – 6 kg tanks (comp. B).



Mapelastic 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 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 580

Lime-gypsum skimming mortar for internal render.

TECHNICAL DATA:

Maximum dimension of aggregate: < 0.1 mm.
Mixing ratio: 100 parts of PLANITOP 580 with 60 parts of water.
Pot life of mix: approximately 50 minutes (at +23°C).
Minimum applicable thickness: 1 mm.
Maximum applicable thickness: 3 mm per layer.
Storage: 12 months.
Colour: white.
Application: trowel.
Consumption: 0.8 kg/m² per mm of thickness.
Packaging: 15 kg bags.



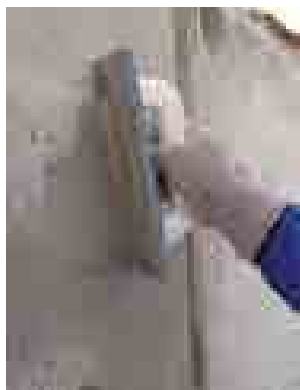
Planitop Fast 330

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.
Storage: 12 months.
Application: trowel.
Consumption: 14.5 kg/m² per cm of thickness.
Packaging: 25 kg vacuum-packed polyethylene bags.



Planitop Fine Finish NEW

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 spreader.

Consumption: approx. 1.2 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

18. PRODUCTS FOR ANCHORING AND RAPID FIXING



Lampocem

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.



Mapecfill

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.



Mapecfill MF 610 NEW

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.



Mapecfill 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 EP 385/585

Pure epoxy, resin-based chemical anchor for structural loads. Certified for threaded bar, construction bars, core-drilled holes and C1 seismic loads.



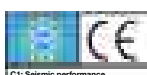
M10 ÷ M24
Ø10 ÷ Ø25



M8 ÷ M30
Ø8 ÷ Ø32



M12 ÷ M30
Ø12 ÷ Ø32



M12 ÷ M30
Ø12 ÷ Ø32



Ø8 ÷ Ø25

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 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; ETA core drill; fire resistance.

Application: extrusion gun.

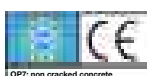
Packaging: 385 ml and 585 ml.

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.



M8 ÷ M30



M12 ÷ M24



M16 ÷ M24



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 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.

Packaging: box of 12 mixers.



Mapefix PE SF

Styrene-free, polyester resin chemical fastener for heavy loads.



M8 ÷ M24



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).

Application: extrusion gun.

Packaging: 300 ml, 420 ml.

Storage: 12 months (300 ml) or 18 months (420 ml) at +5°C - +25°C.

18. PRODUCTS FOR ANCHORING AND RAPID FIXING



Mapecfix 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.



Mapecfix PE Wall

Styrene-free chemical anchor made from a mixture of polyester resins for light loads and masonry.

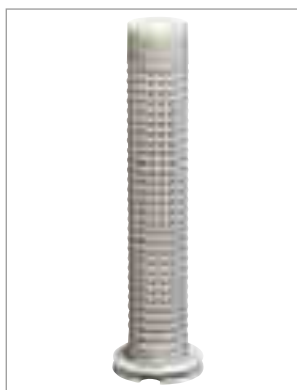


M8 ÷ M12



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: 300 ml, 380 ml.
Storage: 12 months at +5°C - +30°C.



Mapecfix Sleeve

Cylindrical plastic sleeve for applying chemical anchors in perforated 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.



Mapecfix VE SF

Styrene-free, hybrid vinyl resin-based chemical anchor for structural loads. Certified for threaded bar, construction bars and C1 seismic loads.



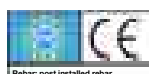
M8 ÷ M30
Ø8 ÷ Ø32



M12 ÷ M30
Ø12 ÷ Ø32



M12 ÷ M30
Ø12 ÷ Ø32



Ø8 ÷ Ø25



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 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.



Planibond BA 100 NEW

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);

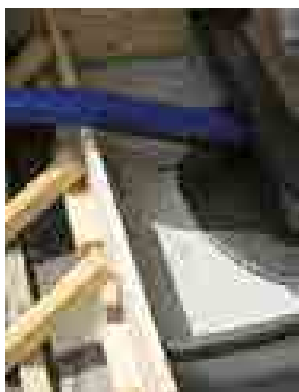
– 10 kg bags (comp. C).

36.6 kg units:

– 4.8 kg drums (comp. A);

– 1.8 kg drums (comp. B);

– 30 kg bags (comp. C).



Planigrout 310 NEW

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 cracks in screeds.



TECHNICAL DATA:

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

Pot life of mix: 60 minutes (at +23°C).

Classification: EN 1504-4.

Storage: 24 months.

Application: brush or pouring.

Consumption:

- second pours: 0.5-2 kg/m²;
- sealing cracks: 1.35 kg/l of cavities to be filled.

Packaging:

2 kg kits:

- 1.5 kg drums (comp. A);
- 0.5 kg drums (comp. B).

10 kg kits:

- 7.5 kg metal drums (comp. A);
- 2.5 kg drums (comp. 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 OF
METALLIC STRUCTURES**



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

21. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING

21.1 Strengthening concrete and steel structures



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: 170 - 200 - 250 GPa.

Fibre content: 68% - 68% - 65%.

Thickness: 1.4 mm.

Width: 50, 100 and 150 mm.

Resistant section: 70, 140 and 210 mm².

Tensile strength (MPa): 3,100 - 3,300 - 2,500.

Elongation at failure: 2% - 1.4% - 0.9%.

Packaging: 25 m rolls.



Carbotube

Pultruded carbon fibre tube impregnated with epoxy resin 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.



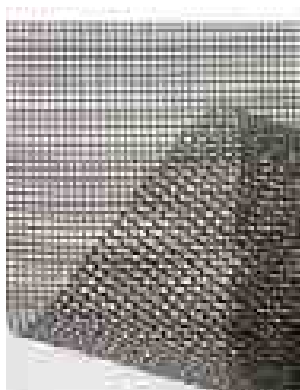
Mapegrid B 250

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.

21. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



Mapegrid B 300 NEW

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 NEW

Pre-primed alkali-resistant basalt fibre mesh for structural “reinforced” strengthening of concrete and masonry structures.

TECHNICAL DATA:

Type of fibre: basalt fibre.

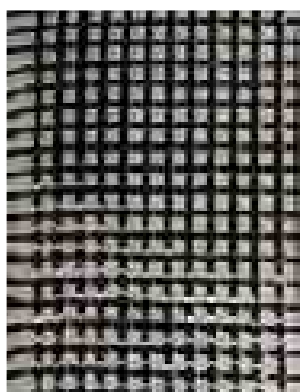
Weight: 400 g/m².

Mesh size: 7x7 mm.

Tensile strength: ≥ 3100 MPa.

Elongation at failure: ≥ 3.5 MPa.

Packaging: 1 m x 50 m rolls.



Mapegrid C 170

High-strength carbon fibre mesh for “reinforced” structural strengthening work on masonry and concrete structures.

TECHNICAL DATA:

Type of fibre: high-strength carbon.

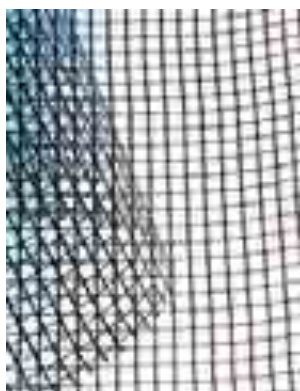
Weight: ≥170 g/m².

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.

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: < 3%.

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.

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 vinylester-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 impregnated 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-impregnated 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).

21. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



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 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 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: 380-760 g/m².

Equivalent thickness of dry fabric: 0.053-0.106 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 QUADRI-AX

Balanced, quadri-directional glass fibre fabric.

TECHNICAL DATA:

Type of fibre: E type glass.
Weight: 1140 g/m².
Equivalent thickness of dry fabric: 0.1096 mm.
Tensile strength: 2,600 MPa.
Tensile modulus of elasticity: 73 GPa.
Width: 30-48.5 cm.
Elongation at failure: 3.5-4%.
Packaging: 50 m rolls.



MapeWrap G UNI-AX

Unidirectional, high strength glass fibre fabric.

TECHNICAL DATA:

Type of fibre: E type glass.
Weight: 300-900 g/m².
Equivalent thickness of dry fabric: 0.16-0.48 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 NEW

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.

21. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



MapeWrap S FIOCCO

High-strength, steel fibre cord for structural strengthening.

TECHNICAL DATA:

Type of fibre: high-strength carbon.

Diameters available: 10 and 12 mm.

Equivalent surface area of dry fabric:

diam.10 mm 33.6 m²;

diam.12 mm 40.6 m².

Maximum load per unit of width:

diam.10 mm 8,969.8 kN/m;

diam.12 mm 10,847.2 kN/m.

Thickness:

diam.10 mm 4.30 mm;

diam.12 mm 5.20 mm.

Modulus of elasticity: 210,000 N/mm².

Tensile strength: 2,086 N/mm².

Elongation at failure: > 2%.

Packaging: 10 m rolls.



MapeWrap SG FIOCCO NEW

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.



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 and 10 mm.

Packaging: box with 1 spindle.



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.



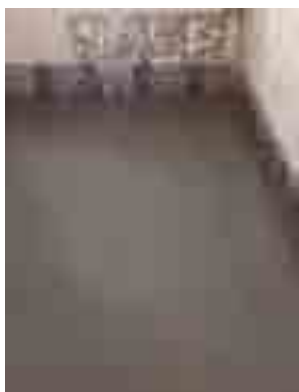
Fibres HPC

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, 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 T NEW

One-component, very high performance, high ductility, fibre-reinforced, compensated-shrinkage, semi-fluid cementitious mortar for strengthening the underside of 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.

21. COMPOSITE SYSTEMS FOR STRUCTURAL STRENGTHENING



Planitop HPC LV NEW

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.

21.2 Strengthening masonry structures



Planitop HDM

Two-component, high-ductility, pozzolan-reaction mortar applied in layers up to 6 mm thick for "reinforced" structural strengthening of masonry substrates in combination with the MAPEGRID meshes and for smoothing and levelling surfaces in concrete, stone, brickwork and tuff.



TECHNICAL DATA:

Maximum dimension of aggregate: 0.4 mm.

Mixing ratio: 3.7 parts of PLANITOP HDM comp. A with 1 part of PLANITOP HDM comp. B.

Pot life of mix: approximately 1 hour (at +20°C).

Thickness applied: 2-3 mm per layer.

Classification:

– EN 1504-2 - surface protection systems for concrete.

– EN 1504-3 - class R2 non-structural mortar.

Storage: 12 months (comp. A); 24 months (comp. B).

Application: gauging trowel, trowel or rendering machine.

Consumption: approximately 1.8 kg/m² per mm of thickness.

Packaging:

30 kg kits:

– 24 kg vacuum-packed polyethylene bags (comp. A);
– 6 kg drums (comp. B).



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.

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, 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).





PRODUCTS FOR THERMAL INSULATION

22. PRODUCTS FOR THERMAL INSULATION



Adesilex FIS13

Adhesive and smoothing and levelling compound in water dispersion mixed with cement for thermal insulation systems.

ETA 04/0061

TECHNICAL DATA:

Consistency: thick paste.

Colour: white.

Density (g/cm³): 1.5.

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

Mixing ratio: 1 part of ADESILEX FIS13 with 0.7 parts of 42.5 cement (by weight).

Cleaning: water.

Storage: 24 months.

Application: trowel.

Consumption (kg/m²):

- 1.8-3.2 depending on bonding technique;
- 1-1.2 per mm of thickness for smoothing and levelling.

Packaging: 25 kg.



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.



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 Ba

Aluminium starting profiles with drip channel, available in sizes 40, 50, 60, 80 and 100 mm.

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 Dripnose 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 mm: 40, 50, 60, 80 and 100.

Dimensions of panel mm: 1000 x 500.

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.



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;

– 1.5 mm: 4.0-5.0 kg/m².

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 mm: 40, 50, 60, 80 and 100.

Dimensions of panel mm: 1200 x 600.

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.

22. PRODUCTS FOR THERMAL INSULATION



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.



Mapetherm XPS

Polystyrene insulating panels for thermal insulation systems.

ETA 04/0061

TECHNICAL DATA:

Composition: extruded foam polystyrene.

Colour: light blue.

Thickness available mm: 40, 50, 60, 80 and 100.

Dimensions of panel mm: 1200 x 600.

Packaging: from 2.88 to 6.48 m² (according to the thickness).





PRODUCTS FOR TREATING ASBESTOS CEMENT SLABS

23. 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

24. 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 (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).



Dursilite

Washable water-based paint with low dirt pick-up and excellent workability 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.

24. WALL PROTECTIVE AND DECORATIVE COATINGS



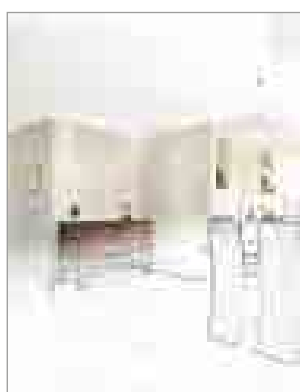
Dursilite Base Coat

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 NEW

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: 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 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.



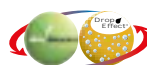
TECHNICAL DATA:

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: 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 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 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 Graffiato

Highly protective acrylic scratch-effect coating product for evening out surface defects on internal and external surfaces.

Available in the following granulometries: 1.2 mm and 1.8 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. 1.7-1.8 (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;
 - 1.8 mm: 2.4-2.8 kg/m².
Packaging: 20 kg.

24. WALL PROTECTIVE AND DECORATIVE COATINGS



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: 2.6-3.0 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 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 3251-1) (%): 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: 1.2 mm: 1.9-2.3 kg/m².
Packaging: 20 kg.



Silancolor Base Coat

Water-repellent, coloured acrylic 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 3251-1) (%): 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 Cleaner Plus

Hygienising detergent in watery solution.



TECHNICAL DATA:

Consistency: fluid liquid.
Colour: transparent.
Density (EN ISO 2811-1) (g/cm³): approx. 1.01.
Dilution rate: diluted up to 300% of water.
Waiting time before applying other products: 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 Graffiato

Transpirant, water-repellent, scratch-effect, trowelable siloxane coating product with good defect covering properties for internal and external surfaces.

Available in the following granulometries: 1.2 mm and 1.8 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. 1.7-1.8 (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 SILEXCOLOR PRIMER).

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;

– 1.8 mm: 2.4-2.8 kg/m².

Packaging: 20 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.

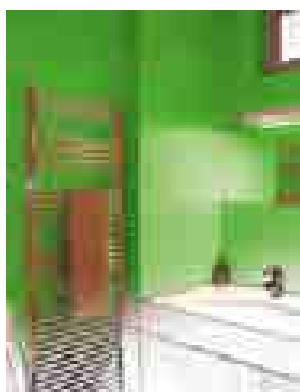
Cleaning: water.

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: 2.6-3.0 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 and 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. 1.65-1.90 (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: 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.

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 Graffiato

Transpirant, scratch-effect silicate coating product with defect-covering properties for internal and external surfaces, according to DIN 18363 Standards.

Available in the following granulometries: 1.2 mm and 1.8 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. 1.7-1.8 (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).

Waiting time between each coat: 24 hours.

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

Cleaning: water.

Storage: 12 months.

Application: trowel.

Consumption:

– 1.2 mm: 1.9-2.3 kg/m²;

– 1.8 mm: 2.4-2.8 kg/m².

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 transpirant silicate undercoat with a smooth finish, according to DIN 18363 Standards.

ETA 04/0061

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: transparent.

Density (EN ISO 2811-1) (g/cm³): approx. 0.9.

Dry solids content (EN ISO 3251) (%): approx. 14.

Dilution rate: supplied ready to use.

Waiting time before applying other products: 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: 2.6-3.0 kg/m².

Packaging: 20 kg.



WallGard Graffiti Barrier

Anti-graffiti protective barrier.

TECHNICAL DATA:

Consistency: fluid liquid.

Colour: white.

Density (EN ISO 2811-1) (g/cm³): approx. 0.98.

Dry solids content (EN ISO 3251) (%): approx. 14.

Dilution rate: supplied ready to use.

Drying time: approx. 20 minutes.

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

Cleaning: water.

Storage: 12 months.

Application: roller, brush or spray.

Consumption: 0.03-0.15 kg/m².

Packaging: 5 and 20 kg.



WallGard Graffiti Remover Gel

Thixotropic detergent for cleaning surfaces damaged by graffiti.

TECHNICAL DATA:

Consistency: liquid gel.

Colour: straw yellow.

Density (EN ISO 2811-1) (g/cm³): approx. 0.85.

Application: brush.

Dilution rate: supplied ready to use.

Usage time: approx. 20 minutes.

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

Consumption: 0.1-0.2 kg/m².

Cleaning: water.

Storage: 12 months.

Packaging: 5 kg.



WATERPROOFING SYSTEMS

25. WATERPROOFING SYSTEMS

25.1 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).

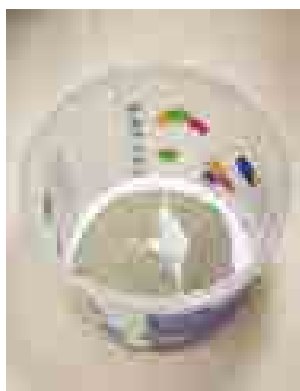
Packaging:

21.3 kg kits:

– comp A 20 kg;

– comp B 1 kg;

– comp C 0.3 kg.



Mapei Waterproofer NEW

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.

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.



Mapeproof

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): 27 ml/2 g.

Coefficient of permeability (ASTM D 5887): < 1E-11 m/s.

Static perforation (EN ISO 12236): 2400 N (-50 N).

Longitudinal tensile strength (EN ISO 10319): > 14.0 kN/m (-0.5 kN/m).

Transversal tensile strength (EN ISO 10319): > 14.0 kN/m (-0.5 kN/m).

Peeling (ASTM D 6496): > 420 N/m.

Bond strength to concrete (ASTM D 903): > 3.5 N/mm.

Thickness of product (EN 964-1): 6.0 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.



Mapeproof CD

Washers used to fasten MAPEPROOF bentonite sheets in place.

TECHNICAL DATA:

Packaging: boxes of 500 pieces.



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): 27 ml/2 g.

Coefficient of permeability (ASTM D 5887): < 1E-11 m/s.

Static perforation (EN ISO 12236): 1800 N (-50 N).

Longitudinal tensile strength (EN ISO 10319): > 12.0 kN/m (-0.5 kN/m).

Transversal tensile strength (EN ISO 10319): > 12.0 kN/m (-0.5 kN/m).

Peeling (ASTM D 6496): > 385 N/m.

Bond strength to concrete (ASTM D 903): > 2.7 N/mm.

Thickness of product (EN 964-1): 5.0 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 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 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.



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.

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: 0.73 kg/dm³.

pH: 9-11.

Dry solids content: 66%.

Storage: 12 months.

Application temperature range: from +5°C to +30°C.

Mixing ratio: comp A: comp B = 4 : 1.

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: 21.7 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.

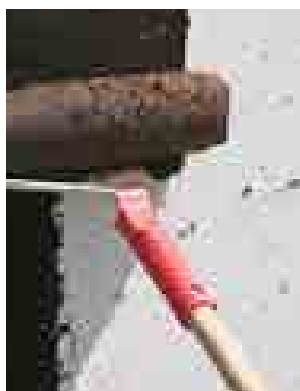
Mixing ratio: 1:10 (PLASTIMUL C : water).

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: 0.2-0.3 kg/m².

Packaging: 30 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 1 KM

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 1 KM (resin) + 0.1 kg of RESFOAM 1 KM AKS (catalyser) forms 50 litres of foam upon contact with 0.1 litre of water.

Packaging:

– RESFOAM 1 KM (resin): 20 kg plastic drums.

– RESFOAM 1 KM AKS (catalyser): 1 kg plastic drums.

25.2 Waterproofing structures above ground level



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.



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.



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 and RAL 6005.

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 and terracotta.

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.



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.**



Mapecoat PU 15

Two-component, aliphatic, solvent-based polyurethane finish resistant to wear and ultra-violet rays, to be coloured with MAPECOLOR PASTE.

TECHNICAL DATA:

Mixing ratio: A : B = 60 : 40.

Colour: neutral (may be coloured with MAPECOLOR PASTE).

Density of the mix: 1.35 g/cm³.

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

Consumption: 0.2-0.3 kg/m².

Packaging: 10 kg kits (A : 6 kg; B : 4 kg).



Mapecoat PU 15 HR

Two-component polyurethane aliphatic finish in solvent resistant to ultra-violet rays; solar reflectance index 101.

TECHNICAL DATA:

Mixing ratio (A:B): 60:40.

Colour: highly reflective white.

Density of mix: 1.35 g/cm³.

Consumption: 0.2-0.3 kg/m².

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

Packaging: 10 kg kit (6 kg + 4 kg).



Mapeguard WP 200

Alkali-resistant waterproofing and anti-fracture membrane for internal use; suitable for overlaying with ceramic and natural stone floor tiles.

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 and relative accessory items.

TECHNICAL DATA:

Colour of mix: brown.

Mixing ratio: comp. A : comp. B = 1 : 0.8.

Pot life of mix: more than 45 minutes.

Storage: comp. A 12 months, comp. B 24 months.

Packaging: 6.75 kg kit (component A 3.75 kg + component B 3 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 PU 1K

One-component, solvent-free, flexible polyurethane membrane for flexible waterproofing coats and bonds for new ceramic floors on new and old balconies and terraces without removing the old ceramic coating.

TECHNICAL DATA:

Consistency: creamy paste.

Density of the mix: 1500 kg/m³.

Storage: 12 months.

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

Hardening time for a 2 mm thick layer: 12 hours.

Waiting time before laying ceramic tiles: 12-24 hours.

Set to light foot traffic: 12-24 hours.

Tensile strength: 1.6 N/mm².

Elongation at failure: 140%.

Tear strength: 10.5 N/mm.

In service temperature range: from -20°C to +70°C.

Resistance to 5% lactic acid solution: excellent.

Resistance to 5% acetic acid solution: excellent.

Resistance to 3% hydrochloric acid solution: excellent.

Resistance to 3% potassium hydroxide solution: excellent.

Consumption: 1.4 kg/m² per mm of thickness.

Packaging: 15 kg aluminium bags contained in plastic drums.



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.

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.

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.



Mapelastic 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.

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 NEW

One-component cementitious levelling mortar for building up slopes on roofs over new and old waterproof sheaths.

TECHNICAL DATA:

Consistency: powder.

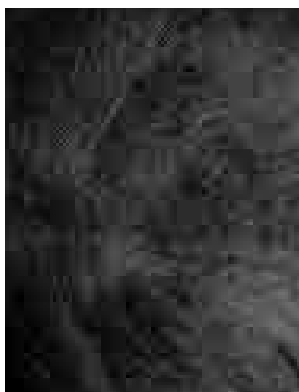
Colour of mix: light grey.

Applicable thickness (mm): 5 to 50.

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);

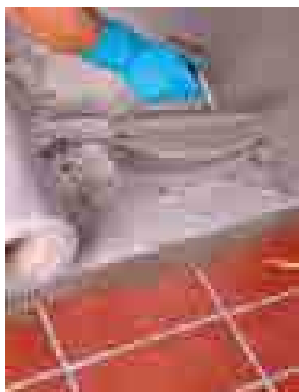
– 60 N (widthways).

Elongation at failure:

– > 95% (lengthways);

– > 95% (widthways).

Packaging: 25 m x 100 cm and 25 m x 20 cm wide rolls.



Mapetex 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:

– 90% in a longitudinal direction;

– 60% 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 B1

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 P1 NEW

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 NEW

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 NEW

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: 50 kg tanks.



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: 210 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 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.

Classification: EN 1504-4.

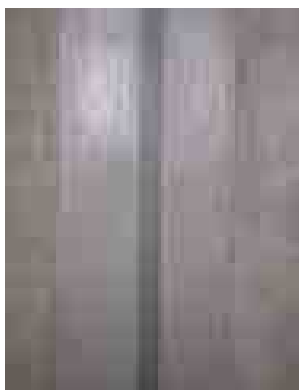
Colours: black.

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

Hardening time: 2-4 hours.

Packaging: 20 kg drums.

25.3 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.

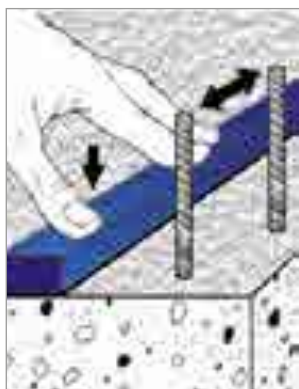
Final hardening time: 7 days.

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.

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.



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).



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.

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 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).

Thickness: 2 mm.

Packaging: 20 m rolls.

25. WATERPROOFING SYSTEMS



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

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.

Packaging: 25 m rolls.



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 PU30

Two-component, high-strength, thixotropic epoxy-polyurethane sealant with high chemical resistance for movements up to 10%.

ISO 11600 F 7.5 P



TECHNICAL DATA:

Movement in service: 10%.

Shore A hardness: 65.

Workability time: 35 minutes.

Set to light foot traffic: 24-36 hours.

Colour: 113 grey.

Application: trowel, extrusion gun.

Consumption: 0.15 kg/linear metres (10x10 mm section).

Packaging: 5 kg drums (A+B).



Mapeflex PU40

Polyurethane sealant with a low modulus of elasticity with movements up to 25%.

ISO 11600 F 25 LM



TECHNICAL DATA:

Movement when in service: 25%.

Modulus of elasticity with 100% elongation: 0.3 N/mm².

Shore A hardness: 20.

Workability: 4 hours.

Colours: white and grey (other colours available upon request).

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 NEW

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: 0.70 N/mm².

Shore A hardness: 40.

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%.

ISO 11600 F 25 LM



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: casting with an extrusion pistol.

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
- Ø 10 mm, boxes of 550 m
- Ø 15 mm, boxes of 550 m
- Ø 20 mm, boxes of 350 m
- Ø 25 mm, boxes of 200 m
- Ø 30 mm, boxes of 160 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%.

ISO 11600 F 25 LM

DIN 18545

ASTM C 920

TT S 00230C

TT S 001543A



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 and new copper).

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% (copper finish > 10%).
Storage: 24 months at +5°C/+30°C.



Ultrabond MS Rapid

Rapid-setting assembly adhesive for internal and external use with a high 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

26. ADMIXTURES FOR CONCRETE

26.1 Admixtures for concrete



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.



Expacrete

Expansive admix for controlled-shrinkage concrete.

TECHNICAL DATA:

Dosage: add between 5 and 8% on the amount of cement in the mix.

Packaging: 20 kg vacuum-packed polyethylene bags.



Idrocrete DM

Bulk water-repellent admixture. Particularly recommended for concrete with a damp earth consistency.

**TECHNICAL DATA:**

Dosage: from 0.2 to 1 kg every 100 kg of cement.

Packaging: 25 kg tanks.



Idrocrete KR 1000 NEW

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 0.2 to 1.2 kg every 100 kg of cement.

Packaging: 10 and 25 kg tanks.



Mapecair AE1

Aerating product for concrete and cementitious mortar.



TECHNICAL DATA:

Dosage:

– concrete: from 30 to 150 ml every 100 kg of cement.

– cementitious mortar: from 100 to 300 ml every 100 kg of binder.

Packaging: 10 and 25 kg tanks.



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.



Mapecfast C

Chloride-based admixture to accelerate setting and hardening of cementitious mortar. Allows work to be carried out at temperatures down to -10°C.



TECHNICAL DATA:

Dosage: 1-2 kg every 100 kg of cement.

Packaging: 7, 13 and 30 kg tanks.



Mapefast CF/L and Mapefast CF/P

Chloride-free anti-freeze admixture to ensure regular setting times of cementitious mortar and concrete at temperatures down to -10°C. Also suitable for pre-compressed concrete.

**TECHNICAL DATA:**

Dosage: 1-2 kg every 100 kg of cement.

Packaging:

- powder: boxes of 24x1 kg;
- liquid: 6, 12 and 30 kg tanks.



Mapefibre NS12/NS18

Virgin, mono-filament polypropylene fibres for mortar and concrete, available in diameters of 12 and 18 mm.

TECHNICAL DATA:

Dosage: 0.4-0.8 kg m³ of concrete or mortar.

Packaging: boxes of 30x0.6 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.



Mapecfluid 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.



Mapecfluid 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.



Mapecfluid 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.



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.

26. ADMIXTURES FOR CONCRETE



Planicrete

Synthetic latex rubber to improve adhesion of cement mixes.

TECHNICAL DATA:

Consistency: fluid liquid.

Dry solids content: 36%.

Storage: 24 months.

Consumption:

– for adhesive slurry: 100-150 g/m²;

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

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

26.2 Admixtures for screeds



Mapescreed 704

Special plasticising and water-reducing acrylic admixture for cementitious screeds, including heated and cooling screeds.

TECHNICAL DATA:

Dosage: from 1 to 1.5 kg every 100 kg of cement.

Packaging: 10 and 25 kg drums.



Mapescreed 710

Admixture for ready-mixed and site-mixed high-strength cementitious screed mortar.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 kg every 100 kg of cement.

Packaging: 25 kg can.



Mapescreed 720

Gel admixture for ready-mixed and site-mixed high-strength cementitious screed mortar, including after brief curing cycles.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 kg every 100 kg of cement.

Packaging: 25 kg can.



Mapescreed HF GEL

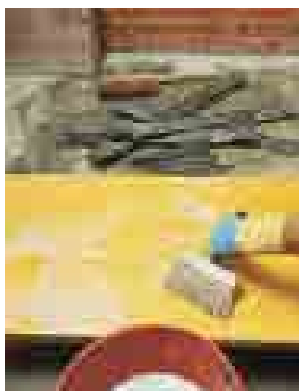
Gel admixture for ready-mixed and site-mixed high-strength cementitious screed mortar with low hygrometric shrinkage.

TECHNICAL DATA:

Dosage: from 0.5 to 1.5 kg every 100 kg of cement.

Packaging: 16 kg can.

26.3 Form-release agents



Form-Release Agent DMA 1000

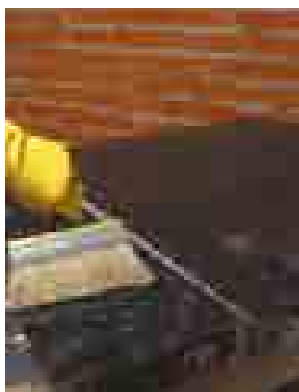
Emulsionable form-release agent for wooden formwork. Emulsify one part of the product with 5-20 parts of water according to the type of formwork.

TECHNICAL DATA:

Application: brush or spray.

Consumption: 10-30 g/m² of neat product.

Packaging: 4.5, 23 and 9 kg tanks.



Form-Release Agent 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.



Mapeform 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.

26. ADMIXTURES FOR CONCRETE



Mapeform 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.

26.4 Superficial curing compounds



Mapecure CA

Paintable, film-forming, light-coloured acrylic curing agent in solvent for mortar and concrete.

TECHNICAL DATA:

Application: roller or spray.
Consumption: 0.11-0.15 kg/m².
Packaging: 10 kg tanks.



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.

26.5 Mapei Color Paving



Color Paving Admix NEW

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 NEW

Ready-mixed binder to be combined with aggregates to create architectural floors and surfaces.

TECHNICAL DATA:

Colours: neutral, red, sand, yellow.

Particle size: 8/12 and 12/16.

Packaging: bulk quantities and big-bags.



Color Paving Pronto NEW

Ready-to-use ready-mixed screed for making architectural concrete.

TECHNICAL DATA:

Colours: neutral, red, white, yellow.

Consumption: 25 kg to make 11.2 litres of concrete (88 bags/m³).

Packaging: 25 kg bags.



Color Paving Stone NEW

Graded powdered admixtures available in the following colours: grey, Mori yellow, Verona red, Zandobbio white.

TECHNICAL DATA:

Particle size: 8/12 and 12/16.

Packaging: bulk quantities and big-bags.



Mapecolor Pigment NEW

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: packs of 2 x 5 kg water-soluble bags.



Mapewash PO NEW

Biodegradable vegetable oil-based surface set retardant with a curing effect to create architectural floors and surfaces with an exposed aggregate finish.

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 NEW

Protective agent to prevent adhesion of concrete, MAPEWASH PO and MAPEWASH PW to existing structures.

TECHNICAL DATA:

Yield: 150 to 300 g per m².

Packaging: 5 and 20 kg plastic tubs.



Mapewash PW NEW

Solvent-free water-based surface set retardant to create architectural floors and surfaces with an exposed aggregate finish.

TECHNICAL DATA:

Colour: according to the type of product: green, blue, yellow, grey.

Yield: 3-3.5 m²/l.

Packaging: 22 litre drums.







**AGGREGATES AND MORTARS
FOR THE BUILDING INDUSTRY**

27. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY

27.1 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 x m² x mm of rendered 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 x m² x cm of render - 22 kg x m² of wall in 12x12x24 cm bricks.



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 x m² x mm of rendered 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 x m² x mm of rendered finish.



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 HR15 with approx. 3.5 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: $\geq 15 \text{ N/mm}^2$.

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 20 kg x m² x cm of render – 20 kg x m² of wall in 20x20x40 cm cement blocks.



INTO+

INTO+ is a high performance rendering mortar with excellent mechanical characteristics, recommended particularly for application with a rendering machine. It is particularly suitable for rendering and coating masonry before bonding tiles.



TECHNICAL DATA:

Mixing ratio: 1 25 kg bag of INTO+ with approx. 3.5/4 litres of water.

Mixing time: 3 minutes.

Pot life of mix: 30-40 minutes.

Compressive strength after 28 days: $\geq 10 \text{ N/mm}^2$.

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 19 kg x m² cm of render.



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: $\geq 6 \text{ N/mm}^2$.

Aggregate: 0/4 mm.

Packaging: 25 kg bags.

Yield: 18 kg x m² x cm of render - 22 kg x m² of wall in 12x12x24 cm bricks.



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: $\geq 5 \text{ N/mm}^2$.

Capillary action water absorption:

$\leq 0.15 \text{ kg} / (\text{m}^2 \times \text{min} 0.5)$.

Aggregate: 0/1 mm.

Packaging: 25 kg bags.

Yield: 40 kg x m² of wall.

27. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY



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: $\geq 16 \text{ N/mm}^2$.

Colour: grey.

Particle size: silica aggregates 0/0.4 mm.

Packaging: 25 kg bags.

Yield: $1.3 \text{ kg} \times \text{m}^2 \times \text{mm}$ of finish.



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: $\geq 10 \text{ N/mm}^2$.

Particle size: silica aggregates 0/2 mm.

Packaging: 20 kg bags.

Yield: $11 \text{ kg} \times \text{m}^2 \times \text{cm}$ of render.

27.2 Concrete for the building industry



BEtonFLuid

BEtonFLuid is a high-strength (Rck 40 N/mm^2), 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 m^3 .



CALCESTRUZZO

Formulate with latest-generation admixtures, to cement any and all your ideas.

Pre-dosed concrete for small jobs, structural casts and natural-finish elements, including in those places difficult to reach with conventional casting systems.



TECHNICAL DATA:

Characteristic strength: Rck 37.

Consistency class: S4 (fluid)

Exposure class: XC4-XS1-XD2-XF1-XA2.

Water/cement ratio: ≤ 0.46 .

Aggregate: 0/15 mm.

Packaging: 25 kg bags.

Yield: 86 bags = 1 m^3 .



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 $\geq 9.5 \text{ N/mm}^2$;
4 hours $\geq 11.5 \text{ N/mm}^2$;
8 hours $\geq 12.0 \text{ N/mm}^2$;
24 hours $\geq 13.0 \text{ N/mm}^2$;
7 days $\geq 30.0 \text{ N/mm}^2$;
4 hours $\geq 40.0 \text{ N/mm}^2$.

Consistency class: S5 (super-fluid).

Water/cement ratio: ≤ 0.51 .

Aggregate: mixed sand.

Packaging: 25 kg bags.

Yield: 87 bags = 1 m^3



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/mm^2 .

Flexural strength: 7.24 N/mm^2 .

Resistance to abrasion: A9.

Setting time: 60 mins.

Set to foot traffic: 24-36 hours.

Packaging: 25 kg bags.

Yield: manual application $5.5 \text{ kg} \times \text{m}^2$ - power tool application $12 \text{ kg} \times \text{m}^2$.

27.3 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:
 $\Delta L_w = 23 \text{ dB}$.

Mixing ratio: 1 25 kg bag of SabbiaCEMENTO with approx. 1 litre of water.

Mixing time: until completely blended.

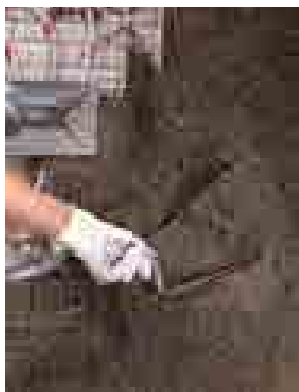
Pot life of mix: 60 minutes

Compressive strength after 28 days: $\geq 20 \text{ N/mm}^2$.

Flexural strength after 28 days: $\geq 4 \text{ N/mm}^2$.

Packaging: 25 kg bags.

Yield: $20 \text{ kg} \times \text{m}^2 \times \text{cm}$.



TurboMASS NEW

Special formulate for making fibre-reinforced quick-drying ready-mixed screed, particularly suitable for laying flooring 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: $\geq 25 \text{ N/mm}^2$.

Flexural strength after 28 days: $\geq 5 \text{ N/mm}^2$.

Packaging: 25 kg bags.

Yield: $20 \text{ kg} \times \text{m}^2 \times \text{cm}$.

27. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY

27.4 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: $\geq 6 \text{ N/mm}^2$.

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 x m² x cm of render - 22 kg x 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.



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.

27.5 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.

27. VAGA - AGGREGATES AND MORTARS FOR THE BUILDING INDUSTRY



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.

27.6 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.

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