

Brancati Villa - Marzamemi - Italy

Reparation and decoration of the façades with:
MAPEFER, MAPEGROUT T60, POROMAP INTONACO, POROMAP RINZAFFO,
SILANCOLOR PRIMER, SILANCOLOR TONACHINO

Poromap Rinzaffo Macchina



Pre-blended, salt-resistant mortar applied with a rendering machine, before applying a dehumidifying, insulating layer of Poromap Intonaco Macchina.

Poromap Rinzaffo Macchina is a salt-resistant adhesive mortar, made up of special, pozzolanic-reaction hydraulic binders, natural sand and special additives which is applied on stone, brick and tuff substrates before the layer of **Poromap Intonaco Macchina** dehumidifying mortar. Thanks to its special characteristics, **Poromap Rinzaffo Macchina** avoids soluble salts being transferred into the macro-porosity, such as chlorides which, because of their hygroscopic properties, may give rise to localised damp in areas which are not well ventilated. The mortar must be prepared using a continuous mixer, and applied at a thickness of at least 5 mm.

Consumption

7.5-8 kg/m² for a 5 mm-thick layer.

Packaging

25 kg bags.



Poromap Intonaco Macchina



Pre-blended, salt-resistant dehumidifying and insulating mortar for renovating damp stone, brick and tuff masonry, applied with a rendering machine.

Poromap Intonaco Macchina is a pre-blended dehumidifying mortar, made up of special, hydraulic pozzolanic-reaction binders, natural sand, light aggregates and special additives, for renovating stone, brick and tuff masonry which has deteriorated due to damp and capillary lift. **Poromap Intonaco Macchina** is applied after **Poromap Rinzaffo Macchina**, and is suitable for renovating buildings deteriorated by the presence of a high level of soluble salts. The mortar must be prepared using a continuous mixer, and applied at a thickness of at least 2 cm.

Consumption

11.5-13 kg/m² per cm of thickness.

Packaging

20 kg bags.



Chemical barriers

PoroMap Finitura



Cement-free, light-coloured, fine mortar for finishing off dehumidifying render applied on stone, brick and tuff masonry work.

PoroMap Finitura is a light-coloured fine mortar resistant to sulphates, employed for finishing off dehumidifying render in **PoroMap Intonaco** or larger-grained render, for the stone or brick structures of buildings, including those of historical interest.

PoroMap Finitura is a cement-free, powder-form blend of pozzolanic-reaction hydraulic binders, special admixes and fine natural sand.

When blended with water, **PoroMap Finitura** forms a light-coloured plastic mix which is easy to apply.

Prepare the product by mixing a 25 kg bag of **PoroMap Finitura** with 5.75-6 l of water using a drill with a mixer attachment.

Apply **PoroMap Finitura** with a trowel or metallic float at a thickness of 1-2 mm on a clean substrate saturated with water, or on fresh render as soon as it starts to set ("fresh on fresh" technique). 15-20 minutes after application, the surface of **PoroMap Finitura** may be finished off using a sponge float.

Consumption

1.4 kg/m² per mm of thickness.

Packaging

25 kg bags.



Mapestop



Agent for injection, composed of concentrated silicone micro-emulsion for creating a chemical barrier against rising damp in the masonry.

Mapestop is used to form a chemical barrier against rising damp through capillary pores that are always present in construction materials. In particular, **Mapestop** is used to repair old or new full brick and/or stone masonry that are built on damp sites or near water, mixed brick or stone masonry, cavity walls, tuff masonry, concrete masonry or aerated concrete blocks.

Mapestop is a solvent-free concentrated micro-emulsion that must be diluted on site before using it with drinking water (1 part of **Mapestop** with 15-19 parts of water).

Thanks to the reduced size of particles, from 20 to 60 nanometres, the **Mapestop** micro-emulsion can deeply penetrate into the damp masonry and, after the reaction with water, forms an efficient and durable watertight barrier.

Mapestop must be injected in every single hole under the effect of gravity using special containers or a low pressure pump (max 1 bar) until the injected zone is completely saturated.

Consumption

depending on the absorbency of the masonry. Indicatively 8-9 kg/m for a 40 cm thick wall.

Packaging

1 kg metal can with screw type lid;
180 kg drums.



Restoration of wooden structures



Mapewood Primer 100



Fluid epoxy primer in water dispersion for consolidating and priming timber structures.

Mapewood Primer 100 is used for consolidating porous timber structural elements (beams, trusses and columns) damaged by decay wood-rotting fungi or due to the attack of wood-eating insects. It is also used for priming, after the removal of the damaged part, the end-parts of structural elements in high density wood that need to be reconstructed by bonding a new wood element.

Mapewood Primer 100 is an epoxy primer in water dispersion composed of two pre-measured parts that must be mixed before use (Part A = resin and Part B = hardener). Due to **Mapewood Primer 100**'s low viscosity, once mixed it can impregnate and penetrate in depth into all types of porous wooden surfaces, improving cohesion and resistance to biological attack. Used on low absorbency surfaces such as oak or chestnut, **Mapewood Primer 100** improves the bonding of **Mapewood Gel 120** and **Mapewood Paste 140**.

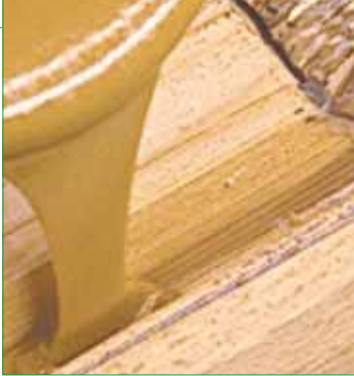
Part B into Part A and mix with a drill fitted with a whip until the resin is completely smooth. Mixing ratio: 1 part by weight Part A and 1 part by weight Part B. Apply **Mapewood Primer 100** on the timber element with a roller, a brush or small bottle brush. Once prepared, **Mapewood Primer 100** is workable for approximately 40 minutes at +23°C. **Mapewood Primer 100** must be used within its pot life, therefore it is important to organize the work in order to finish the whole package of the product within this time.

Consumption
approximately 150 g/m².

Packaging
1 kg units (A+B).



Mapewood Gel 120



Epoxy adhesive with medium viscosity for structural strengthening timber elements by bonding new wood elements.

Mapewood Gel 120 is used for filling holes in wooden structures that need to be repaired such as beams, trusses and columns and in the new wood element in order to anchor connecting reinforcing rods or plates.

Mapewood Gel 120 is a solvent free epoxy adhesive of a gelatine consistency composed of two pre-measured parts that must be mixed before use (Part A = resin and Part B = hardener).

Pour Part B into Part A and mix with a drill fitted with a whip until the resin is completely smooth. In order to avoid accidental measuring errors, use the whole package of the product. If partial quantities are necessary, use an electronic precision scale.

Mapewood Gel 120 is easy to apply and hardens without shrinkage becoming a mixture with extremely high bonding strength, compatibility with wood and mechanical strength.

Consumption

1.01 kg/dm³ of cavity to be filled.

Packaging

2.5 kg units (A+B).



Mapewood Paste 140



Thixotropic epoxy adhesive for structural strengthening timber elements by bonding new wood elements.

Mapewood Paste 140 is used for filling holes in wooden structures that need to be repaired such as beams, trusses and columns and in the new wood element in order to bond wood to wood or anchor metal or composite material connecting reinforcing rods or plates.

Mapewood Paste 140 is a solvent free epoxy adhesive of a thixotropic consistency composed of two pre-measured parts (Part A = resin and Part B = hardener).

Mapewood Paste 140 is available in two packages: the first is the traditional packaging, made up of two plastic drums containing the two parts. Once the two parts have been mixed, the product can be applied manually with a flat trowel. The parts of the second packaging must first be manually mixed and then can be applied by extrusion from a cartridge.

Mapewood Paste 140 can be easily applied both on vertical and horizontal surfaces. It hardens without shrinkage becoming a paste with excellent bonding and mechanical strength compatible with wood. Fill the hole or cavity made on one side of the wooden piece (beam, column, truss) with **Mapewood Paste 140**. Position the connecting rod or plate near the repair making sure the cut surfaces perfectly fit.

Consumption

1.59 kg/dm³ of cavity to be filled.

Packaging

3 kg drums (A+B) and kits made up of 450 g jars (A+B), extruding disk and standard size empty cartridge.



*The Farmer Museum - Milan - Italy
Reparation of the wooden structures with:
MAPEWOOD PRIMER 100, MAPEWOOD GEL 120,
MAPEWOOD PASTE 140*

Consolidating masonry and renders

Mape-Antique I



Cement-free fillerized hydraulic lime- and Eco-Pozzolan-based binder, for consolidating, by injection, stone, brick work and tuff structures.

Mape-Antique I is a pre-blended sulphate-resistant binder used to obtain injection slurries to consolidate stone cavity walls, refill cavities, cracks and internal porosity present in period structures in stone and brick.

Mape-Antique I is a ready-to-use binder with a base of pozzolanic-reaction inorganic materials, special additives and ultra fine fillers.

Mix a 20 kg bag of **Mape-Antique I** with 7 l of water with a drill fitted with an agitator, until a homogeneous mix is obtained.

Mape-Antique I is applied with an injection pump ("Clivio" type) manually or automatically.

Consumption
approximately 1.40 kg/dm³ of cavity to be filled.

Packaging
20 kg bags.



Mape-Antique F21



Super fluid cement-free fillerized lime- and Eco-Pozzolan-based hydraulic binder, for consolidating, by injection, stone, brick and tuff structures, especially suitable for frescoed walls.

Mape-Antique F21 is especially recommended for consolidating stone, brick, tuff walls and arches of buildings, cracked and/or frescoed renders.

Mape-Antique F21 mixed with 10.2 l of water in a high turbulence mixer or with a drill fitted with a whip, produces a fluid and stable slurry. The slurry can fill the cavities of the structures that need consolidation and gradually hardens through a pozzolanic reaction without inter-reaction (dangerous reactions) with bricks, stones and existing mortars even in the presence of soluble salts (e.g. sulphates).

Consumption
1.04 kg/dm³ of cavity to be filled.

Packaging
17 kg bags.



St. Francis Basilica - Assisi - Italy
Consolidation of the masonry with:
MAPE-ANTIQUÉ I, MAPE-ANTIQUÉ F21

Mape-Antique Strutturale



Pre-bled, cement-free, light-coloured lime and Eco-Pozzolan-based mortar, particularly suitable for use as render or as a "reinforced" installation layer on stone, brick and tuff structures.

Mape-Antique Strutturale is particularly suitable for renovating deteriorated render on stone buildings, including those of historical interest, and for render and reinforced installation mortar with higher mechanical strength than conventional lime mortar.

When Mape-Antique Strutturale is mixed together with just water for approximately 5 minutes in a drum mixer or render mixer, it forms a mortar with a plastic-thixotropic consistency which is easy to apply with a trowel or rendering machine on both vertical surfaces and on ceilings.

According to UNI EN 998-2 standards, it is classified as type M15 masonry mortar, since it reaches a compressive strength of $\geq 16 \text{ N/mm}^2$ (UNI EN 1015-11), even though it is totally cement-free and made using lime and Eco-Pozzolan.

Consumption
approx. 18 kg/m² per cm of thickness.

Packaging
25 kg sacks.



Consolidante 8020



Re-soluble consolidating product in solvent for the conservative restoration of stone and porous substrates, line renders and painted surfaces.

Consolidante 8020 is used to consolidate stone and porous substrates, various types of render, porous stone and lime-based painted surfaces.

Consolidante 8020 is a re-soluble solvent product characterised by its ability to penetrate deeply into porous substrates and its excellent resistance to alkalis.

Because of the small size of the molecules of the active polymeric substance, the product may also be used to consolidate substrates with very small pores.

Consolidante 8020 is easily re-soluble in solvent, even after a number of years of being applied.

Consolidante 8020 is ready to use and must be applied using either a manual sprinker or by applying swabs. The product must be applied a number of times, according to the type of substrate and the depth to which the product must penetrate.

Consumption
0.1-1 kg/m² according to the absorbency of the substrate.

Packaging
10 kg drums.



Primer 3296



Acrylic primer in water dispersion with strong penetrating action for consolidating porous surfaces and unsound screeds.

Primer 3296 is a primer made up of acrylic polymer micro-particles that can penetrate into building materials, even if they are not very porous.

Thanks to this property, Primer 3296 is especially suitable for consolidating weak and chalky substrates such as old renders, full-brick, sandstone and tuff walls, lime and cement mortar beds.

Primer 3296 is applied pure or diluted 1:1 or 1:2 with water, with a brush, if the surface area is small, or with a manual pressure dispenser.

Consumption
50-250 g/m² depending on the absorption of the substrate.

Packaging
5 and 10 kg drums.



Bonding and smoothing foam bricks and expansive blocks

BONDING AND SMOOTHING FOAM BRICKS AND EXPANSIVE BLOCKS



Porocol



Cement based powdered adhesive mortar for expansive block masonry. Porocol is a whitish powder composed of cement, graded sand, synthetic resins and special additives.

When mixed with water, Porocol becomes an easily workable mortar with high adhesion and thixotropy that is easy to place on both vertical and horizontal surfaces.

Porocol hardens to develop high strength without noticeable shrinkage, adheres perfectly to all materials normally used in construction, and is resistant to water and frost. It can therefore be used for preparation of cellular cement block walls or rendering.

Application: notched trowel.

Consumption

- for flat block walls: from 5 to 7 kg/m² of surface to be bonded;
- for rendering: 1.4 kg/m² per mm of thickness.

Packaging

25 kg bags.



Adesilex P4



Full contact adhesive for building foam bricks or expansive concrete block walls.

Adesilex P4 is a grey cement based powder consisting of graded sand, synthetic resins and special additives. Adesilex P4 mixed with water forms a smooth, pourable paste, easy to apply with a trowel.

Thanks to its full contact property, Adesilex P4 can be used as an adhesive for cellular bricks and blockwork, saving time and money.

Adesilex P4 can also be used as an interior and exterior smoothing compound from 3 to 20 mm.

Application: trowel on or dip blocks into adhesive.

Consumption

- as an adhesive: depending on size of blocks;
- as a smoothing compound: 1.5 kg/m² per mm of thickness.

Packaging

25 kg bags.



External thermal insulation system



Adesilex FIS13



Water dispersion adhesive for thermal insulation systems.

Adesilex FIS13 is an adhesive, based on synthetic resins in water dispersion, modified with selected aggregates and special additives. Mixed with cement, it forms a compact mortar with excellent bonding strength on both normal renders and on foam panels used for thermal insulation systems.

Adesilex FIS13 can be used for bonding polyurethane or polystyrene foam insulation panels on walls of external façades and for levelling surfaces of thermal insulation systems.

Mix **Adesilex FIS13** with cement in the ratio of 1 : 0.7 to 0.8, stirring thoroughly to prevent the formation of lumps, until a thick paste is obtained. This mix will hold the polystyrene foam panels as soon as they are positioned.

Consumption

- bonding insulation panels: 1.8-2.4 kg/m²;
- total bonding of insulation panels with notched trowel n° 10: 2.7-3.2 kg/m²;
- smoothing compound: 1.0-1.2 kg/m².

Packaging

25 and 15 kg drums.



Mapetherm AR1



One-component cementitious mortar for bonding and levelling insulation boards and for external thermal insulation systems.

Mapetherm AR1 is used for bonding and smoothing floors and ceilings, in interiors and exteriors, insulation boards (made of extruded and foam polystyrene, foam polyurethane, rock wool, cork, etc.) directly on the render, concrete and concrete blocks.

Mixed with water, **Mapetherm AR1** becomes an easily workable thixotropic mortar that can be applied on vertical surfaces without sagging and without letting large size insulating panels slip.

To bond insulating panels, apply **Mapetherm AR1** directly on the back side of the panels with a notched trowel. Either cover the panel completely with the product or spot bond. To smooth insulating panels, wait at least 24 hours after their installation then apply a uniform coat of **Mapetherm AR1**. Insert the **Fibreglass Mesh** and squeeze it with a flat trowel into the fresh mixture.

Consumption

- bonding insulation panels: 3.0-4.0 kg/m²;
- total bonding of insulation panels with notched trowel n° 10: 4.5-5.5 kg/m²;
- smoothing compound: 1.3-1.5 kg/m².

Packaging

25 kg bags.



New

Mapetherm Ba4
Mapetherm Ba6
Mapetherm Ba8
Mapetherm Ba10



Natural aluminium support profiles with drip channels.

Aluminium profiles used as a starting point when installing **Mapetherm** thermal insulation systems. Place lengths of **Mapetherm Ba** in position, using a spirit level to make sure they are perfectly level and at the right height. Even out irregular surfaces, or use spacers to form a flat surface. **Mapetherm Ba** profiles must be fixed in place using expansion studs, such as **Mapetherm FIX B**.

Packaging

- **Mapetherm Ba 4:** length 2.5 m, in boxes with 20 pieces;
- **Mapetherm Ba 6:** length 2.5 m, in boxes with 20 pieces;
- **Mapetherm Ba 8:** length 2.5 m, in boxes with 20 pieces;
- **Mapetherm Ba 10:** length 2.5 m, in boxes with 20 pieces.

New

Mapetherm XPS 4
Mapetherm XPS 5
Mapetherm XPS 6
Mapetherm XPS 8
Mapetherm XPS 10



Extruded polystyrene insulating panels used in thermal insulation systems, available in thicknesses of 4, 5, 6, 8 and 10 cm.

Extruded polystyrene insulating panels with no surface skin, has a rough surface to help adhesive or smoothing and levelling compound to bond to the surface.

Mapetherm XPS is a rigid panel with square corners and no support frame, available in the following sizes:

- Mapetherm XPS 4:** 1,250x600x40 mm;
- Mapetherm XPS 5:** 1,250x600x50 mm;
- Mapetherm XPS 6:** 1,250x600x60 mm;
- Mapetherm XPS 8:** 1,250x600x80 mm;
- Mapetherm XPS 10:** 1,250x600x100 mm.

Mapetherm XPS panels must be bonded to the substrate using **Mapetherm AR1** one component cementitious adhesive in powder form, which is then mixed with water when required (please refer to the Technical Data Sheet for further instructions).

Use **Adesilex FIS13** as an alternative, a special adhesive in water dispersion which must be mixed together with cement (please refer to the Technical Data Sheet for further instructions).

The panel is bonded by spreading an even layer of adhesive over the whole surface of the panel.

To help fix the **Mapetherm XPS** panels in place (but not as an alternative to the adhesive), studs in a suitable length may also be used, such as **Mapetherm FIX 9** or **Mapetherm Fix 60, 80 or 100**.

Packaging

- **Mapetherm XPS 4:** 0.27 m³ package, suitable for a surface area of 6.75 m²;
- **Mapetherm XPS 5:** 0.30 m³ package, suitable for a surface area of 6.00 m²;
- **Mapetherm XPS 6:** 0.27 m³ package, suitable for a surface area of 4.50 m²;
- **Mapetherm XPS 8:** 0.30 m³ package, suitable for a surface area of 3.75 m²;
- **Mapetherm XPS 10:** 0.30 m³ package, suitable for a surface area of 3.00 m².



Hotel Polus Palace - Göd - Hungary
 External thermal insulation with:
 ADESILEX FIS13, MAPETHERM AR1

New

Mapetherm Glass 4
Mapetherm Glass 5
Mapetherm Glass 6
Mapetherm Glass 8
Mapetherm Glass 10



Glass fibre insulating panels used in thermal insulation systems, available in thicknesses of 4, 5, 6, 8 and 10 cm. High-density, glass fibre insulating panels treated with a thermo-hardening binder, highly resistant to water.

Mapetherm Glass is supplied without a support frame in the following sizes:

Mapetherm Glass 4: 1,200x600x40 mm;
Mapetherm Glass 5: 1,200x600x50 mm;
Mapetherm Glass 6: 1,200x600x60 mm;
Mapetherm Glass 8: 1,200x600x80 mm;
Mapetherm Glass 10: 1,200x600x100 mm.

Mapetherm Glass panels must be bonded to the substrate using **Mapetherm AR1** one component cementitious adhesive in powder form, which is then mixed with water when required (please refer to the Technical Data Sheet for further instructions).

Use **Adesilex FIS13** as an alternative, a special adhesive in water dispersion which must be mixed together with cement (please refer to the Technical Data Sheet for further instructions).

Bonding is carried out by spreading an even layer of adhesive over the whole surface of the panels with a N° 10 notched trowel. If the substrate is not flat, the adhesive may be applied in beads or spots, as long as the adhesive is distributed over at least 40% of the surface.

To help fix the **Mapetherm Glass** panels in place (but not as an alternative to the adhesive), studs in a suitable length may also be used, such as **Mapetherm FIX 9** or **Mapetherm Fix 60, 80 or 100**.

Packaging

- **Mapetherm Glass 4:** 0.288 m³ package, suitable for a surface area of 7.20 m²;
- **Mapetherm Glass 5:** 0.288 m³ package, suitable for a surface area of 5.76 m²;
- **Mapetherm Glass 6:** 0.259 m³ package, suitable for a surface area of 4.32 m²;
- **Mapetherm Glass 8:** 0.288 m³ package, suitable for a surface area of 3.60 m²;
- **Mapetherm Glass 10:** 0.288 m³ package, suitable for a surface area of 3.60 m².

New

Mapetherm Cork 4
Mapetherm Cork 5
Mapetherm Cork 6
Mapetherm Cork 8
Mapetherm Cork 10



Cork insulating panels used in thermal insulation systems, available in thicknesses of 4, 5, 6, 8 and 10 cm. Expanded natural brown cork insulating panels with no chemical binders, with a density of approximately 110/130 kg/m³.

Mapetherm Cork is supplied without a support frame in the following sizes:

Mapetherm Cork 4: 1,000x500x40 mm;
Mapetherm Cork 5: 1,000x500x50 mm;
Mapetherm Cork 6: 1,000x500x60 mm;
Mapetherm Cork 8: 1,000x500x80 mm;
Mapetherm Cork 10: 1,000x500x100 mm.

Mapetherm Cork panels must be bonded to the substrate using **Mapetherm AR1** one component cementitious adhesive in powder form, which is then mixed with water when required (please refer to the Technical Data Sheet for further instructions).

Use **Adesilex FIS13** as an alternative, a special adhesive in water dispersion which must be mixed together with cement (please refer to the Technical Data Sheet for further instructions).

Bonding is carried out by spreading an even layer of adhesive over the whole surface of the panels with a N° 10 notched trowel. If the substrate is not flat, the adhesive may be applied in beads or spots, as long as the adhesive is distributed over at least 40% of the surface.

To help fix the **Mapetherm Cork** panels in place (but not as an alternative to the adhesive), studs in a suitable length may also be used, such as **Mapetherm FIX 9** or **Mapetherm Fix 60, 80 or 100**.

Packaging

- **Mapetherm Cork 4:** 0.16 m³ packages, suitable for a surface area of 4.00 m²;
- **Mapetherm Cork 5:** 0.15 m³ package, suitable for a surface area of 3.00 m²;
- **Mapetherm Cork 6:** 0.15 m³ package, suitable for a surface area of 2.50 m²;
- **Mapetherm Cork 8:** 0.16 m³ packages, suitable for a surface area of 2.00 m²;
- **Mapetherm Cork 10:** 0.15 m³ packages, suitable for a surface area of 1.50 m².

New

Mapetherm EPS 4
Mapetherm EPS 5
Mapetherm EPS 6
Mapetherm EPS 8
Mapetherm EPS 10



Extruded polystyrene insulating panels used in thermal insulation systems, available in thicknesses of 4, 5, 6, 8 and 10 cm. Sintered expanded polystyrene insulating panels.

Mapetherm EPS is a rigid panel with square corners and no support frame, available in the following sizes:

Mapetherm EPS 4: 1,000x500x40 mm;
Mapetherm EPS 5: 1,000x500x50 mm;
Mapetherm EPS 6: 1,000x500x60 mm;
Mapetherm EPS 8: 1,000x500x80 mm;
Mapetherm EPS 10: 1,000x500x100 mm.

Mapetherm EPS panels must be bonded to the substrate using **Mapetherm AR1** one component cementitious adhesive in powder form, which is then mixed with water when required (please refer to the Technical Data Sheet for further instructions).

Use **Adesilex FIS13** as an alternative, a special adhesive in water dispersion which must be mixed together with cement (please refer to the Technical Data Sheet for further instructions).

Bonding is carried out by spreading an even layer of adhesive over the whole surface of the panels with a N° 10 notched trowel. If the substrate is not flat, the adhesive may be applied in beads or spots, as long as the adhesive is distributed over at least 40% of the surface.

To help fix the **Mapetherm EPS** panels in place (but not as an alternative to the adhesive), studs in a suitable length may also be used, such as **Mapetherm FIX 9** or **Mapetherm Fix 60, 80 or 100**.

Packaging

- **Mapetherm EPS 4:** 0.30 m³ package, suitable for a surface area of 7.50 m²;
- **Mapetherm EPS 5:** 0.30 m³ package, suitable for a surface area of 6.00 m²;
- **Mapetherm EPS 6:** 0.30 m³ package, suitable for a surface area of 5.00 m²;
- **Mapetherm EPS 8:** 0.28 m³ package, suitable for a surface area of 3.50 m²;
- **Mapetherm EPS 10:** 0.30 m³ package, suitable for a surface area of 3.00 m².



New

Mapetherm FIX 9



Polypropylene studs.

One-piece studs used to hold Mapetherm XPS panels in place.

Mapetherm FIX 9 studs are used to hold 4 cm-thick **Mapetherm XPS** panels in place. They are used together with the adhesive, but never as an alternative. Drill a 9 mm hole in the substrate after bonding the **Mapetherm XPS** panels, and hammer a **Mapetherm FIX 9** stud into the hole.

Packaging

boxes with 500 studs.

Mapetherm FIX 60 Mapetherm FIX 80 Mapetherm FIX 100



Studs for thermal insulating panels, with zinc-plated nails and plastic pressure caps.

Mapetherm FIX are studs with zinc-plated nails and a plastic pressure cap for excellent thermal insulation. Suitable for fixing thermal insulation panels in place.

Mapetherm FIX 9 studs are used to hold insulating panels in place. They are used together with the adhesive, but never as an alternative.

Diameter of hole: 8 mm.

Minimum depth of hole: 45 mm.

Minimum fixing depth: 35 mm.

Packaging

- **Mapetherm FIX 60**: length 95 mm, boxes with 100 studs;
- **Mapetherm FIX 80**: length 115 mm, boxes with 100 studs;
- **Mapetherm FIX 100**: length 135 mm, boxes with 100 studs.



Mapetherm FIX B



Nylon fixing wallplug provided with hardboard screw in zinc and chromium-plated steel.

Nylon wallplug provided with a flathead, cross-slotted type hardboard screw in zinc and chromium-plated steel for fixing **Mapetherm Ba4**.

Drill the substrate after positioning **Mapetherm Ba4**, insert the **Mapetherm FIX B** nylon support by hammering it until the rim is in contact with the base profile. Screw in the steel screw until **Mapetherm Ba4** is fixed.

Packaging
boxes containing 100 pieces.

Mapetherm Net



Glass fibre mesh resistant to alkalis, used for reinforced smoothing and levelling layers to repair façades and for Mapetherm thermal cladding systems.

This product helps the smoothing and levelling product to stick to substrates, improves its tensile strength and improves the thermal cladding system's resistance to temperature changes and abrasion.

Mapetherm Net has been tested according to ETAG 004 trial methods, as reported in I.T.C. N° 3500/RP/02.

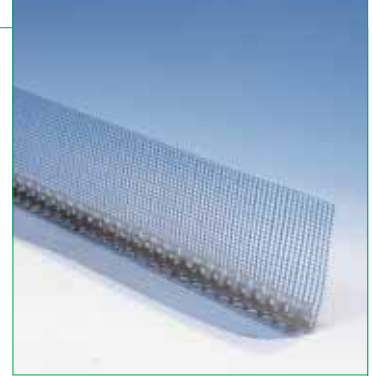
Mapetherm Net is used for reinforcing **Mapetherm AR1** and **Adesilex FIS13** when applying smoothing and levelling compounds for insulating panels used in thermal insulation systems. The weave of the mesh measures 4.14 x 3.80 mm. Apply a first 2 mm-thick layer of smoothing and levelling compound on the surface. Lay the **Mapetherm Net** and then pass over the surface with a trowel to even out the product.

Apply a second layer of smoothing and levelling compound after 24 hours over the entire surface to make sure **Mapetherm Net** is perfectly embedded.

Overlap the edges of adjacent sheets of **Mapetherm Net** by at least 10 cm.

Packaging
50 m x 1 m-wide rolls.

Mapetherm Profil



Aluminium angle irons incorporated with glass fibre mesh.

Aluminium elements used to finish off and reinforce the corners of panels used for thermal cladding systems.

After bonding the **Mapetherm XPS** insulating panels, apply an even layer of the smoothing and levelling product around the corners. Place the **Mapetherm Profil** on top of this layer immediately after application, and pass over with a trowel to embed the mesh and profile in the smoothing and levelling compound. Apply smoothing and levelling compound over all the surface, and lay **Mapetherm Net** around the corners so that the mesh incorporated in the **Mapetherm Profil** overlaps with the **Mapetherm Net**. Do not fix **Mapetherm Profil** in place with studs or nails.

Packaging
boxes of 100 profiles, each one 2.5 m long.

Multipurpose centre - Toscanella di Dozza (BO) - Italy
Thermal insulation system with MAPETHERM SYSTEM,
protection and decoration of façades with
SILANCOLOR PRIMER and SILANCOLOR TONACHINO

Protecting and decorating concrete and renders

Antipluviol



Silicone water-repellent in water solution for exterior walls.

Use **Antipluviol** for the protection of absorbent vertical and inclined surfaces including finished concrete, renders, facing bricks and natural stone from the effects of rainwater.

Treatment of the surfaces must be carried out with a single application of **Antipluviol** by brush or spray application using a low pressure hand pump when the substrates are clean and dry.

Antipluviol is not suitable for use on horizontal surfaces and where there is standing water or water under pressure. Application: in a single coat by brush or spray.

Consumption

100-150 g/m² depending on the porosity of the substrate.

Packaging

25 and 5 kg tanks.



Antipluviol W



Colourless, water-repellent silane and siloxane-based impregnator in watery emulsion.

Antipluviol W is a milky, silane and siloxane-based fluid in watery emulsion, characterised by its high capacity of penetrating all absorbent mineral materials used in the building industry, to make them water repellent.

Antipluviol W penetrates deep down and reacts with the natural humidity present in the said substrate to form a hydrophobic, water-repellent layer inside the pores and capillaries.

Antipluviol W forms an efficient barrier against aggressive agents present in the atmosphere, which are carried into the material by rainwater.

Antipluviol W also improves the self-cleaning effect of the façade and reduces the capacity of moss and mildew of adhering to the material.

Antipluviol W does not form a film on the surface. Therefore, the material's permeability to water vapour is not modified and the appearance of the surface remains practically unaltered.

Antipluviol W has excellent resistance to alkalinity and UV rays and maintains its water-repellent properties over a long period of time.

Consumption

the consumption rate is heavily influenced by the absorbency of the substrate, and may vary from 0.20-1 kg/m².

Packaging

Antipluviol W is supplied in 10 kg plastic drums.





Antipluviol S



Transparent siloxane resin-based water-repellent compound.

Use **Antipluviol S** for the protection of vertical or inclined surfaces (façades) made of concrete, cementitious render, bricks and natural stone, from the effects of rainwater without altering their appearance.

Antipluviol S is a siloxane resin-based product in solvent, characterised by its high capacity to penetrate into the substrate.

The treatment with **Antipluviol S** does not create a skin and therefore does not substantially modify the permeability to water vapour of the treated material.

Antipluviol S is applied with a brush or spray onto perfectly clean and dry substrates.

Antipluviol S is not suitable for treating horizontal surfaces (terraces), or where water under pressure is present (basements, water reservoirs) or areas where there is standing water.

N.B. ADR/RID approved packaging.

Consumption

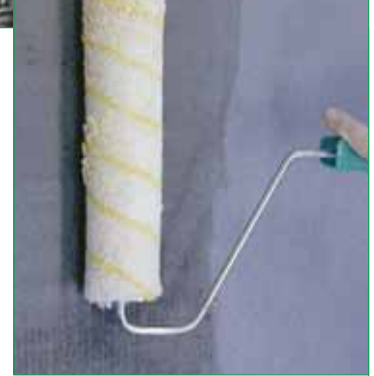
100-1000 g/m² depending on the porosity of the substrate.

Packaging

10 kg buckets.



Malech



Micronized acrylic-based primer in water dispersion.

Malech is used as a primer for wall surfaces in general (e.g. concrete or repairs with cement mortars) before applying a coloured finishing coat of **Elastocolor Paint** or **Elastocolor Rasante**, as a regulator of the substrate absorption and as an adhesion catalyst.

Malech can also be used in the **Aquaflex System** cycle for the permanent encapsulation of asbestos and as a primer for the covering layers of **Aquaflex**.

Malech is a micronized acrylic resin-based primer in water dispersion that penetrates better than traditional water based primers. **Malech** is odourless and solvent-free, therefore it can be applied in closed or poorly ventilated environments.

Because of **Malech's** particular formula, it ensures the consolidation of powder present on surfaces that need to be treated and slows down the formation of efflorescence.

Malech is ready-to-use, but it can be thinned up to 50% with water in order to avoid the vitrification of substrates that are not very absorbent. **Malech** can be applied by brush, roller or spray.

Consumption

100-150 g/m² depending on the porosity of the substrate.

Packaging

10 and 2 kg drums.



Acaya Castle - Vernole - Italy
Repair and waterproofing of the masonry with:
ANTIPLUVIOL S, MAPE-ANTIQUE CC

Elastocolor Primer



Solvent-based fixing primer with high penetration properties for porous substrates and curing agent for repair mortars.

Elastocolor Primer is used to impregnate concrete surfaces repaired with products from the **Mapegrout** line before smoothing or painting with **Elastocolor Paint**, **Elastocolor Rasante** or **Elastocolor Rasante SF**. The product penetrates into porous substrates and ensures excellent insulation and good adherence to the paint that will be applied. **Elastocolor Primer** is also used as a curing agent for repair renders and mortars and can be directly painted over with **Elastocolor Paint**. The product does not need to be removed before painting the repaired surfaces because it does not diminish the bonding strength of the protective material to the substrate. **Elastocolor Primer** is ready-to-use. If the product is used as a fixing primer before painting on a slightly porous substrate, dilute **Elastocolor Primer** with 20-30% turpentine. If it is used as a curing agent, apply **Elastocolor Primer** pure directly on the fresh surfaces after the float finishing. The product can be applied with a brush, roller or manual or compressed air pump.

Consumption

100-150 g/m² used as a fixing primer.
110-150 g/m² used as a curing agent.

Packaging

10 kg drums.



Elastocolor Paint



Protective and decorative elastic paint based on acrylic resins in water dispersion.

Elastocolor Paint is used to protect the surfaces of concrete and cement renders from aggressive agents present in the atmosphere.

Once dried, **Elastocolor Paint** forms a very elastic film, impermeable to water, but permeable to vapour, and at the same time it gives the treated structure a pleasant aesthetic appearance. Due to its elastic characteristics, **Elastocolor Paint** protects and waterproofs concrete structures and renders with hair-line cracks as it forms a bridge over them with a strong and continuous coat.

Elastocolor Paint is applied by brush, roller or spray in 2 or 3 coats onto perfectly clean and dry substrates which have been previously treated with **Elastocolor Primer** or **Malech** depending on the absorbency of the substrate.

Elastocolor Paint is available in a vast range of colours that can be obtained with the **ColorMap** colour system.

Consumption

200-400 g/m² per coat.

Packaging

20 kg buckets.



Elastocolor Net



Alkali-resistant fibreglass mesh for the reinforcement of Elastocolor Rasante and Elastocolor Rasante SF.

Reinforcement for:

- **Elastocolor Rasante** and **Elastocolor Rasante SF** applied on interior and exterior micro-cracked cementitious substrates;
- **Elastocolor Rasante** and **Elastocolor Rasante SF** applied by cracks less than 1 mm wide.

Apply a 2-3 mm coat of **Elastocolor Rasante** or **Elastocolor Rasante SF** on the surface with a notched trowel and lay **Elastocolor Net** over the surface. Use a flat metal float to evenly spread out the product and to completely drown **Elastocolor Net**. After 24 hours, apply a second coat of **Elastocolor Rasante** or **Elastocolor Rasante SF**.

Fabric next to **Elastocolor Net** must overlap approximately 5 cm thick around the edges.

Packaging

50 m long and 1 m wide rolls.





Elastocolor Rasante



One-component fibre-reinforced elastomeric filling undercoat applicable on renders and very fine fissured textured coatings as long as they are coherent and primed.

Elastocolor Rasante may be applied as it is with a flat trowel or diluted 5-10% with water and applied with a brush, fur roller, or cell-like sponge.

While drying Elastocolor Rasante forms a type of non-woven fabric reinforcement that follows the expansion of the surfaces.

Elastocolor Rasante can be an undercoat setting for reinforcement nets when there are many and pronounced cracks.

Elastocolor Rasante can be used as an intermediate coat after having applied Mapeelastic before finishing with Elastocolor Paint.

Elastocolor Rasante can be admixed with 0.1 to 0.3 mm washed sand up to 30% by weight to increase the filling when the substrate is particularly uneven.

Consumption
400-700 g/m².

Packaging
20 kg drums.



Elastocolor Rasante SF



Trowelable ready-to-use one-component fibre reinforced elastomeric undercoat with high filling properties and admixed with fine sand.

Trowelable intermediate filling undercoat to be used as it is during the Elastocolor cycle. Elastocolor Rasante SF is especially suitable to be used to install a reinforcing mesh, such as Elastocolor Net, and improves the smoothness of the substrate and flexibility of Elastocolor Paint finishing.

Elastocolor Rasante SF is an elastomeric intermediate undercoat with high filling properties and leaves a rustic finish. It levels uneven parts of the substrate before painting with elastomeric Elastocolor Paint.

Elastocolor Rasante SF can also be used as a flexible filling finish such as a quartz based paint if applied neat or diluted 5-10% with water with a trowel, cell-like sponge roller or short-hair roller. The product is ready-to-use and is applied with a metal trowel. The product may also be applied with a brush or roller. To obtain different textured "orange peel" effects, Elastocolor Rasante SF should be applied with a cell-like sponge roller either neat or diluted 5 to 10% with water, depending on the desired effect. If more coats are needed, wait at least 24 hours between coats.

Consumption
– trowel: from 700 to 800 g/m² per coat;
– roller or brush: from 300 to 500 g/m² per coat;

– spray: 0.8-1 kg/m² per coat.
The consumption is purely indicative, it depends on the roughness of the surface and type of application.

Packaging
20 kg drums.



Hotel Milano - Prato - Italy
Reparation of the façade and external thermal insulation with:
MAPEFER, MAPEGROUT T40, ADESILEX FIS13,
ELASTOCOLOR PAINT, SILEXCOLOR TONACHINO

Silancolor Cleaner Plus



Anti-mould and anti-alga cleaning product in a watery solution.

Silancolor Cleaner Plus is a water-based anti-mould and anti-alga solution used to clean surfaces damaged by mould and algae before painting with the **Silancolor Plus** protection system.

Silancolor Cleaner Plus forms the basis of the **Silancolor Plus** protection system for facades, by carrying out a deep-down, cleaning and sanitising action which removes mould and algae from surfaces damaged by such organisms.

Silancolor Cleaner Plus, together with the finishing system from the **Silancolor Plus** range, forms a highly-efficient protective cycle for the surface of walls against algae and fungi which have damaged the surface of walls.

Silancolor Cleaner Plus is a cleaning solution which penetrates deep down into the surface, to guarantee thorough cleaning of algae and fungi which have caused damage to the surface of walls.

Silancolor Cleaner Plus is odourless and does not contain solvents, which makes it suitable for applications in closed or poorly ventilated areas.

Mix **Silancolor Cleaner Plus** well before use, and dilute it at a ratio of 3:1 with water (5 kg of **Silancolor Cleaner Plus** in 15 kg of water).

Consumption

the consumption is heavily influenced by the absorption of the substrate and the amount of mould and algae present on the surface. Typical consumption rate: 0.20-1 kg/m² of ready-to-use solution.

Packaging

5 and 1 kg drums.



Silancolor Primer



Silicone resin based insulating primer in water dispersion.

Silancolor Primer is a silicone resin based primer in water dispersion with high penetration property.

Silancolor Primer uniformes the absorption of the substrate and acts as a bonding promoter for **Silancolor Paint**.

Silancolor Primer consolidates the surfaces to be treated. **Silancolor Primer** is odourless and does not contain solvents, therefore it can be applied also in closed or poorly ventilated environments.

Consumption

100-150 g/m², depending on the porosity of the substrate.

Packaging

10 kg drums.





Silancolor Primer Plus



Silane and siloxane-based anti-alga and anti-mould insulating base solution in watery emulsion.
Silancolor Primer Plus is a silane and siloxane-based anti-alga and anti-mould primer in watery emulsion, used to even out the absorbency of substrates and to make them suitable for painting with finishing products from the **Silancolor Plus** range.
Silancolor Primer Plus forms the basis of the **Silancolor Plus** system for protecting walls.

Silancolor Primer Plus carries out its protective action right from the start of the painting cycle, and helps to eliminate the causes of damage to walls due to the growth and spreading of alga and mould.

Silancolor Primer Plus, together with the coloured finishes from the **Silancolor Plus** range, forms a painting cycle for internal and external surfaces which guarantees double protection. It forms a defence against micro-organisms which attack and damage the walls of buildings and guarantees long-lasting protection against chemical attack, UV rays and general damp.

Silancolor Primer Plus is a silane and siloxane-based anti-alga and anti-mould primer in water dispersion with high penetration properties. This product's special formulation makes the substrate highly water repellent, while maintaining its transpiration properties.

Silancolor Primer Plus evens out the absorbency of the substrate and promotes good bonding.

Silancolor Primer Plus is odourless and does not contain solvents, which makes it suitable for applications in closed or poorly ventilated areas.

Silancolor Primer Plus is ready to use. Shake well before use.

Consumption
0.10-0.30 kg/m².

Packaging
10 and 2 kg drums.



Silancolor Paint



Highly vapour permeable and water repellent silicone based paint in water dispersion for exteriors and interiors.
Silancolor Paint is a silicone resin based paint that has the advantages of traditional mineral based paints as well as synthetic paints. Thanks to **Silancolor Paint**'s special formula, it makes the substrate very permeable to water vapour and is considerably water repellent.

Silancolor Paint adheres perfectly onto all types of traditional renders, dehumidifiers and old well bonded paints. Its water repellent nature protects the substrate from chemical aggression, does not dirty easily, highly resists washing and is durable.

Silancolor Paint resists excellently to alkali, washing, U.V rays and ageing without altering its properties.

Silancolor Paint does not only protect the surface, but has a very pleasing smooth, opaque and velvet effect to the touch.

Silancolor Paint is thinned with 15-25% water paying attention to mix thoroughly, possibly using a low speed mixing drill.

Silancolor Paint is applied using conventional methods: brush, roller, spray or airless on dried **Silancolor Primer** or **Silancolor Base Coat**. Apply two or more coats depending on the colour chosen.

Silancolor Paint is available in a vast range of colours that can be obtained with the **ColorMap** colour system.

Consumption
200-300 g/m² for two coats.

Packaging
20 and 5 kg buckets.



Noi condominium - Taranto - Italy
 Protection and decoration of the façade with:
 SILEXCOLOR PRIMER, SILEXCOLOR TONACHINO,
 SILEXCOLOR PAINT

Silancolor Paint Plus



High-efficiency, silicon resin-based, high-transpiration, high water-repellence, anti-alga and anti-mould protective paint in water dispersion for internal and external applications.

For painting walls which are particularly exposed to the destructive (or deteriorative) action of algae, mould and fungi, to form a long-lasting protective coat on the substrate against such micro-organisms.

Silancolor Paint Plus is particularly resistant against the growth of algae, mould and fungi. It may be used to paint walls which already have a problem with such micro-organisms, after a preliminary cleaning treatment to remove them from the surface, or as a preventative measure for painting buildings in particularly damp environments, where the growth of such organisms is more prolific.

Silancolor Paint Plus is a silicon resin-based paint in water dispersion, and apart from the aforementioned properties, it is also highly water-repellent with good permeability to vapour, by forming a film which is permeable to vapour.

Silancolor Paint Plus, used in conjunction with **Silancolor Primer Plus** and, where necessary, with **Silancolor Cleaner Plus**, forms an efficient protection system, and is able to offer a long-lasting means of defence for the surface.

Silancolor Paint Plus bonds perfectly to all types of conventional and dehumidifying renders and to old, well-bonded paintwork. Its water-repellence properties protects the substrate from chemical attack, attracts very little dirt, is highly resistant to the washing effect of rainwater and is very hard-wearing.

Silancolor Paint Plus is highly resistant to alkalis, washing cycles, UV rays and ageing, and maintains its characteristics for a very long period of time.

Silancolor Paint Plus leaves an attractive finish with a smooth, matt surface which is velvety to the touch. It is available in a wide range of colours, which may be obtained using the **ColorMap**® automatic colouring system.

Silancolor Paint Plus must be diluted with 15-20% of water at the moment it is to be applied, making sure that the product is well-blended by using a low-speed drill if necessary.

Consumption
0.2-0.3 kg/m²
(corresponding to two coats of the product).

Packaging
20 and 5 kg drums.



Silancolor Tonachino

0.7 mm; 1.2 mm; 1.5 mm; 2.0 mm



Trowelable, highly vapour permeable and water repellent silicone resin based paste coating in water dispersion, for exterior and interior applications.

Silancolor Tonachino is a silicone resin based paste coating that has the advantages of both mineral coatings (high vapour permeability) as well as synthetic coatings (uniform colour tone, adhesion to existing paints that are well bonded and a wide range of colours). Furthermore it makes the substrate highly water repellent.

Silancolor Tonachino is used to coat walls where both a pleasant rustic aesthetic effect and a high water repellence is required.

Silancolor Tonachino perfectly adheres to all types of traditional and dehumidifying renders and can also be applied on existing paints as long as they are well bonded.

Thanks to **Silancolor Tonachino**'s special formula, it ensures durable protection of the substrate.

Silancolor Tonachino is available in a wide range of colours, created using the **ColorMap**® automatic colouring system.

Silancolor Tonachino is ready-to-use as long as it is well blended and after application of **Silancolor Primer** or **Silancolor Base Coat**.

Silancolor Tonachino is available in the following grain sizes:

Silancolor Tonachino 0.7 mm;
Silancolor Tonachino 1.2 mm;
Silancolor Tonachino 1.5 mm;
Silancolor Tonachino 2.0 mm.

Consumption
0.7 mm: 2.0-2.5 kg/m²;
1.2 mm: 2.5-3.0 kg/m²;
1.5 mm: 2.0-3.0 kg/m²;
2.0 mm: 3.0-3.5 kg/m².

Packaging
20 kg drums.



Palazzo Zaccagna - Carrara - Italy
Protection and decoration of the façade with:
Elastocolor Paint, Silancolor Tonachino



**Silancolor
Base Coat**



Coloured silicon resin-based base paint in water dispersion for filling and evening out surfaces.
Silancolor Base Coat is a coloured base product made from silicon resin in water dispersion, micro-granular quartz and selected aggregates which, once applied, evens out the absorbency of the substrate and promotes bonding of successive coats of paint and thick dressing materials from the Silancolor range.

Silancolor Base Coat is used to prepare cementitious surfaces before applying a coat of coloured finish, to even out the absorbency of the substrate and to promote a good bond.

Silancolor Base Coat is indispensable when applying finishing products with a "scratch-effect" surface, to avoid transparency of the underlying substrate.

Silancolor Base Coat may be used to even out the surface, to form a more uniform finish and to cover small imperfections.

If applied in white or in a colour similar to that of the final coat, it is particularly useful to help integration of the coloured finishing cycle, when bright colours which only partially cover the surface are used.

Silancolor Base Coat works in synergy with coloured finishes, to increase the duration of the protective finish and increase the water repellence of Silancolor finishing systems.

Surfaces treated with Silancolor Base Coat have a uniformly rough finish, which makes it easier to apply layered dressing materials, particularly when applied by trowel. This results in a more even distribution of the dressing material over the entire surface.

Silancolor Base Coat is available in a wide range of colours, created using the ColorMap® automatic colouring system.

Consumption

0.4-0.5 kg/m² per coat.
Consumption is heavily influenced by the roughness of the substrate and by imperfections on the surface, and according to the application technique used.

Packaging

20 kg drums.



Silancolor Graffiato
1.2 mm; 1.8 mm



Trowelable, highly vapour permeable and water repellent, medium grain, silicone resin-based paste coating in water dispersion with a fine textured effect for interior and exterior applications.

Silancolor Graffiato is a silicone resin-based paste render with good filling properties suitable for interior and exterior applications, giving a fine textured effect.

Silancolor Graffiato gives the substrate a pleasant look, is highly water repellent and vapour permeable. It is suitable for all cementitious or lime-based renders and Mape-Antique and Poromap dehumidifying renders, as well as for covering old paints or old coatings.

For new unpainted surfaces, apply Silancolor Primer (ready-to-use) or Silancolor Base Coat then apply Silancolor Graffiato after 12-24 hours.

For painted surfaces: make sure the paint is well bonded to the substrate, if not, remove loose or crumbly parts by high pressure water or by brushing then apply Silancolor Primer or Silancolor Base Coat.

Silancolor Graffiato is ready-to-use and is applied with a stainless steel trowel. The desired effect is obtained by immediately working the product with a plastic trowel in order to even-off the surface and obtain the final design.

Silancolor Graffiato is available in a wide range of colours that can be obtained with the ColorMap® automatic colouring system.

Silancolor Graffiato is available in the following grain sizes:

Silancolor Graffiato 1.2 mm;
Silancolor Graffiato 1.8 mm.

Consumption

1.2 mm: 2.0-3.0 kg/m²;
1.8 mm: 2.5-3.5 kg/m².

Packaging

20 kg plastic drums.



Silexcolor Primer



Modified potassium silicate-based primer in water solution.

Silexcolor Primer is a primer in water solution based on modified potassium silicate to be used before applying the products of the Silexcolor range.

Silexcolor Primer penetrates deeply into porous substrates without forming a film and without altering the vapour diffusion. Silexcolor Primer uniformises the absorption of the substrate, ensures an excellent adhesion of the finishing coat, promoting the silication process.

After it has dried completely (at least 12 hours at +20°C), Silexcolor Primer can be painted over with the products of the Silexcolor range.

Silexcolor Primer does not contain organic substances and is formulated according to DIN 18363 standard.

Silexcolor Primer is ready-to-use, it must not be diluted with solvents or water and, after it has been mixed, it is applied in a single coat using conventional methods, brush, roller or spray.

Consumption

100-150 g/m², depending on the porosity of the substrate.

Packaging

10 kg drums.





Silexcolor Base Coat



Coloured, modified potassium silicate-based primer paint in water dispersion with high filling properties for evening out surfaces, according to DIN 18363 Standards.

Silexcolor Base Coat is a coloured base product made from modified potassium silicates in water dispersion, micro-granular quartz and selected aggregates which, once applied, evens out the absorbency of the substrate and promotes bonding of successive coats of paint and thick dressing materials from the Silexcolor range.

Silexcolor Base Coat is used to prepare cementitious surfaces or de-humidifying render made from **Mape-Antique** or **PoroMap** before applying a coat of coloured finish, to even out the absorbency of the substrate and to promote a good bond.

Silexcolor Base Coat is indispensable when applying finishing products with a "scratch-effect" surface, to avoid transparency of the underlying substrate.

Silexcolor Base Coat may be used to even out the surface, to form a more uniform finish and to cover small imperfections. If applied in white or in a colour similar to that of the final coat, it is particularly useful to help integration of the coloured finishing cycle, especially when bright colours which only partially cover the surface are used.

Silexcolor Base Coat helps to promote a good bond of potassium silicate-based finishing products when applied on old organic resin-based dressing materials.

Silexcolor Base Coat is available in a wide range of colours, created using the **ColorMap**® automatic colouring system.

Consumption

0.4-0.5 kg/m² per coat.

Consumption is heavily influenced by the roughness of the substrate and by imperfections on the surface, and according to the application technique used.

Packaging

20 kg drums.



Silexcolor Paint



Silicate-based, vapour-permeable protective and decorative paint system for cement- or lime-based renders in interiors and exteriors, complies with DIN 18363 Standards.

Silexcolor Paint is recommended for painting porous vertical interior or exterior surfaces where protection against atmospheric agents is required (rain, frost) along with high vapour permeability. **Silexcolor Paint** is suitable for finishing **Mape-Antique** based renders. When completely dry, **Silexcolor** creates a coating that is vapour permeable without forming a film.

It is available in 34 attractive colours.

Silexcolor Paint can be applied with a brush or roller, on surfaces treated beforehand with **Silexcolor Primer** or **Silexcolor Base Coat**.

Silexcolor Paint is available in a vast range of colours that can be obtained with the **ColorMap**® colour system.

Consumption

350-450 g/m² for two coats.

Packaging

20 kg buckets.



Silexcolor Tonachino

0.7 mm; 1.2 mm; 1.5 mm; 2.0 mm



Trowelable modified potassium silicate-based mineral coating in paste form in interiors and exteriors, complies with DIN 18363 Standards. **Silexcolor Tonachino** is used to protect and decorate lime-cement renders, dehumidifying renders or as a finishing of **Mape-Antique MC**, **Mape-Antique LC** and **Mape-Antique CC**.

Once dry, **Silexcolor Tonachino** forms a single body with the substrate without altering permeability to water vapour. **Silexcolor Tonachino** is highly effective for covering surface irregularities and at the same time it has an attractive appearance.

Apply **Silexcolor Tonachino** with a stainless steel trowel or plastic float. Take care to apply an even coat of the product, wetting the trowel or using a sponge float if needed, to smooth out the surface. Surfaces to be treated must be thoroughly clean, sound and cured. Remove all traces of old paint.

Silexcolor Tonachino must always be applied after preparing the surface with **Silexcolor Primer** or **Silexcolor Base Coat**.

Silexcolor Tonachino is available in a vast range of colours that can be obtained with the **ColorMap**® colour system.

Silexcolor Tonachino is available in the following grain sizes:

Silexcolor Tonachino 0.7 mm;
Silexcolor Tonachino 1.2 mm;
Silexcolor Tonachino 1.5 mm;
Silexcolor Tonachino 2.0 mm.

Consumption

0.7 mm: 2.0-2.5 kg/m²;
 1.2 mm: 2.5-3.0 kg/m²;
 1.5 mm: 2.5-3.0 kg/m²;
 2.0 mm: 3.0-3.5 kg/m².

Packaging

20 kg buckets.





Silexcolor Marmorino



Trowelable, highly decorative, vapour permeable, fine finished, silicate-based mineral paste coating, for interior and exterior applications, complies with DIN 18363 Standards. Silexcolor Marmorino is applied on interior and exterior surfaces where both high permeability to water vapour and an antique finishing, typical of marbles, are required. Being silicate based, it forms a single body with the substrate without altering permeability to water vapour and is resistant to adverse weather i.e. acid rain. Silexcolor Marmorino is the ideal finishing for Mape-Antique based dehumidifying cycles. Apply an even first coat of Silexcolor Marmorino with a stainless steel trowel. After complete drying, sand with abrasive sand paper double zero, then apply one or more coats of the same or different colour with a builders trowel, cross stroking. Sand with fine abrasive sand paper and polish the surface with a stainless steel trowel. A protective granulated finishing (with Silexcolor Tonachino) gives an "encausto" effect. Silexcolor Marmorino is applied on substrates that must be clean, cured, dry, and free of old paint, and must have been prepared beforehand with Silexcolor Primer. Silexcolor Marmorino is available in a vast range of colours that can be obtained with the ColorMap® colour system.

Consumption
0.8-1.0 kg/m².

Packaging
20 and 5 kg buckets.



Silexcolor Graffiato 1.2 mm; 1.8 mm



Trowelable, protective, decorative, vapour permeable, medium grain, silicate-based mineral paste coating with a fine textured effect for interior and exterior applications, complies with DIN 18363 Standards. Silexcolor Graffiato is a potassium silicate-based mineral paste render suitable for interior and exterior applications, giving a fine textured effect where high covering properties are required to cover substrate unevenness. Silexcolor Graffiato gives the substrate a pleasant look and excellent transpiration. It is suitable for decorating all cementitious or lime-based renders and Mape-Antique and Poromap dehumidifying renders. Once dried and thanks to the silication process, Silexcolor Graffiato forms a single body with the substrate, covering the whole surface without the formation of a surface film and maintaining the same vapour permeability of the substrate. For new unpainted surfaces, apply Silexcolor Primer (ready-to-use) or Silexcolor Base Coat then apply Silexcolor Graffiato after 12-24 hours. For painted surfaces, first remove the old paint or existing coating and then apply Silexcolor Primer or Silexcolor Base Coat. Silexcolor Graffiato is ready-to-use and is applied with a stainless steel trowel. The desired effect is obtained by immediately working the product with a plastic trowel in order to even-off the surface and obtain the final design. Silexcolor Graffiato is available in a wide range of colours that can be obtained with the ColorMap® automatic colouring system. Silexcolor Graffiato is available in the following grain sizes:
Silexcolor Graffiato 1.2 mm;
Silexcolor Graffiato 1.8 mm.

Consumption
1.2 mm: 2.0-3.0 kg/m²;
1.8 mm: 2.5-3.5 kg/m².

Packaging
20 kg plastic drums.



Hotel Cala Buguto - Custonaci - Trapani
Protection and decoration of the façade with:
SILEXCOLOR PRIMER, SILEXCOLOR TONACHINO



Quarzolite Paint



Acrylic resin in water dispersion and super-fine quartz-based paint used for protecting and decorating internal and external surfaces.

Quarzolite Paint is a paint for internal and external walls, made up of acrylic resin in water dispersion and super-fine quartz. **Quarzolite Paint** is resistant to all climatic conditions and the aggressive attack of smog, salt and sunlight, and provides a long-lasting protective coat for the substrate.

Quarzolite Paint bonds perfectly to all types of renders and to existing paintwork if well-bonded and sound and to gypsum in interiors, after application of **Malech** or **Quarzolite Base Coat**.

Quarzolite Paint protects the substrate and gives it a uniform, attractive appearance with a slightly rough finish. It is available in a wide range of colours which may be obtained with the **ColorMap®** automatic colour system.

Consumption

0.3-0.4 kg/m² (corresponding to two coats of the product).

Packaging

20 and 5 kg plastic drums.



Quarzolite Base Coat



Coloured acrylic resin-based base paint in water dispersion for filling and evening out surfaces.

Quarzolite Base Coat is a coloured base product made from acrylic resin in water dispersion, micro-granular quartz and selected aggregates which, once applied, evens out the absorbency of the substrate and promotes bonding of successive coats of paint and thick dressing materials from the **Quarzolite** range.

Quarzolite Base Coat is used to prepare cementitious surfaces before applying a coat of coloured finish, to even out the absorbency of the substrate and to promote a good bond.

Quarzolite Base Coat may be used to even out the surface, to form a more uniform finish and to cover small imperfections.

If applied in white or in a colour similar to that of the final coat, it is particularly useful to help integration of the coloured finishing cycle, when bright colours which only partially cover the surface are used.

Surfaces treated with **Quarzolite Base Coat** have a uniformly rough finish, which makes it easier to apply layered dressing materials, particularly when applied by trowel. This results in a more even distribution of the dressing material over the entire surface.

Quarzolite Base Coat is available in a wide range of colours, created using the **ColorMap®** automatic colouring system.

Consumption

0.4-0.5 kg/m² per coat. Consumption is heavily influenced by the roughness of the substrate and by imperfections on the surface, and according to the application technique used.

Packaging

20 kg drums.



Villa in Marsala - Italy

Protection and decoration of the façades with: MAPE-ANTIQUÉ RINZAFFO, MAPE-ANTIQUÉ MC, SILEXCOLOR PRIMER, SILEXCOLOR TONACHINO



Quarzolite Graffiato
1.2 mm; 1.8 mm



Plastic wall coating with a scratched-effect finish, for protecting and decorating external and internal surfaces, applied by trowel.

Quarzolite Graffiato is used to obtain a continuous coating on walls with a scratched-effect finish. It is made up of acrylic resin dispersed in water, and may be applied both internally and externally. **Quarzolite Graffiato** gives an attractive finish to the surface, good water repellence and is resistant to all aggressive climatic conditions, such as smog, sunlight, saltwater, etc.

Quarzolite Graffiato bonds perfectly to all types of render and may also be applied on old, well-attached paintwork after application of **Malech** or **Quarzolite Base Coat**.

Quarzolite Graffiato is ready to use and is applied using a stainless steel float. Immediately after application the product must be worked using a plastic float to even out the surface and to get the final result required.

Quarzolite Graffiato is available in a wide range of colours, created using the **ColorMap®** automatic colouring system. **Quarzolite Graffiato** is available in the following grain sizes:

Quarzolite Graffiato 1.2 mm;
Quarzolite Graffiato 1.8 mm.

Consumption

1.2 mm: 2.0-3.0 kg/m²;
1.8 mm: 2.5-3.5 kg/m².

Packaging

20 kg drums.



Quarzolite Tonachino

0.7 mm; 1.2 mm; 1.5 mm; 2.0 mm



Plastic wall coating, for protecting and decorating external and internal surfaces, applied by trowel.

Quarzolite Tonachino is a flexible, single-spread wall-coating with a rustic finish, made from acrylic resin dispersed in water, selected filler material, quartz and light-resistant pigments.

Quarzolite Tonachino is resistant to all climatic conditions and the aggressive attack of smog, salt and sunlight. It has good water-repellent properties and excellent breathability.

Quarzolite Tonachino bonds perfectly to all types of traditional renders and to old, well-bonded paintwork.

Quarzolite Tonachino protects the substrate and gives it a uniform, attractive appearance with an attractive rustic finish. It is available in a wide range of colours which may be obtained with the **ColorMap®** automatic colouring system.

Quarzolite Tonachino is also suitable for internal use on gypsum or old painted surfaces if well-bonded and sound.

Quarzolite Tonachino is ready-to-use as well as it is well blended and after application of **Malech** or **Quarzolite Base Coat**.

Quarzolite Tonachino is available in the following grain sizes:

Quarzolite Tonachino 0.7 mm;
Quarzolite Tonachino 1.2 mm;
Quarzolite Tonachino 1.5 mm;
Quarzolite Tonachino 2.0 mm.

Consumption

0.7 mm: 2.0-2.5 kg/m²;
1.2 mm: 2.5-3.0 kg/m²;
1.5 mm: 2.5-3.0 kg/m²;
2.0 mm: 3.0-3.5 kg/m².

Packaging

20 kg drums.



Colorite Performance



Acrylic resin-based paint in water dispersion for protecting and decorating external and internal surfaces.

Colorite Performance is a paint for internal and external walls, made up of saponifiable, pure acrylic resin in water dispersion.

Colorite Performance resistant to all climatic conditions and the aggressive attack of smog, salt and sunlight, and provides a long-lasting protective coat for the substrate.

Colorite Performance bonds perfectly to all types of renders and to old, well-bonded paintwork.

Colorite Performance is also suitable for internal use on gypsum or old painted surfaces if well-bonded and sound, after a treatment with **Malech**.

Colorite Performance protects the substrate and gives it a uniform, attractive appearance with a semi-lucid, silky finish. It is available in a wide range of colours which may be obtained with the **ColorMap®** automatic colour system.

Consumption

0.3- 0.4 kg/m² (refers to two coats of the product).

Packaging

20 kg plastic drums.



Colorite Beton



Pure acrylic resin-based semi-transparent paint in water dispersion for protecting concrete, reinforced concrete and cementitious surfaces.

Colorite Beton is a semi-transparent paint for external walls, made up of saponifiable, pure acrylic resin in water dispersion. **Colorite Beton** is used to protect cementitious substrates against damage caused by CO₂ (carbonation) and SO₂.

Colorite Beton is resistant to all climatic conditions and the aggressive attack of smog, salt and sunlight, and provides a long-lasting protective coat for the substrate.

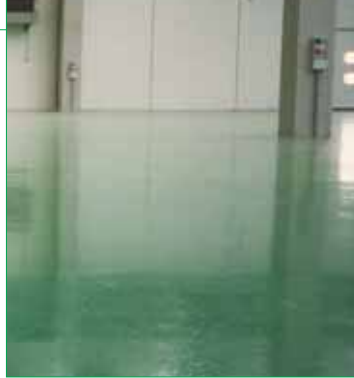
Colorite Beton protects the surface, and has an attractive semi-lucid finish and evens out the colour without hiding the surface structure. **Colorite Beton** is available in a wide range of colours. Further colours may also be created according to individual samples by using the **ColorMap** automatic colouring system.

Consumption
0.25-0.3 kg/m² (refers to two coats of the product).

Packaging
20 kg plastic drums.



Mapecoat W



Epoxy paint in water dispersion for the protection of cementitious substrates. **Mapecoat W** is recommended for painting concrete surfaces subject to weak chemical aggression and light traffic.

Mapecoat W is especially recommended for surfaces with special cleaning requirements in kitchens, cafeterias, hospitals, tanks for water and slightly aggressive liquids, and floors subject to foot traffic.

Mapecoat W is a two-component epoxy paint to be carefully mixed before using until completely homogeneous.

Mapecoat W is easily applied with a brush, roller or airless spray on substrates that are thoroughly clean and sound, even if slightly damp.

Mapecoat W should be applied in two coats, usually without the need of a primer.

Consumption
250-300 g/m².

Packaging
10 kg (A+B) and 20 kg (A+B) drums.



Mapecoat T



Two-component epoxy-acrylic paint in water dispersion for the protection of cementitious substrates.

Mapecoat T is used as a lining for concrete surfaces or cement-based renders inside tunnels for the protection of vertical walls from the aggression of chemical agents.

Mapecoat T is solvent-free and odourless, therefore suitable for linings also in closed or poorly ventilated areas. After drying, **Mapecoat T** film gives the surfaces a semi-gloss, smooth appearance and increases the brightness of artificially lit areas.

Mapecoat T can be applied on slightly damp surfaces as long as they are well cured and shrinkage-free.

Consumption
350-450 g/m² (reference is made to two coats of the product).

Packaging
20 kg units (A+B).

