

Mapecoat I 24



Epoxy paint for acid-resistant coating of concrete surfaces.

Mapecoat I 24 may be used for concrete floors, storage tanks and flumes which come into contact with aggressive chemicals, such as acids, leaching agents and hydrocarbons.

Mapecoat I 24 is a two-component epoxy paint. Prior to use, the components must be thoroughly mixed until complete homogeneity is obtained.

It's characterized by a low viscosity, **Mapecoat I 24** can be applied easily on perfectly clean, sound and dry substrates by brush, roller or spray.

After the completion of the cross-linking, **Mapecoat I 24** forms a waterproof and vapourproof film.

Mapecoat I 24 is available in white, grey and neutral. The neutral version may be coloured using **Mapecolor Paste** during the preparation phase. Each 5 kg pack of **Mapecoat I 24** requires 0.7 kg of **Mapecolor Paste**.

Consumption

400-600 g/m² per coat, depending on the type of substrate.

Packaging

5 kg (A+B).



Mapecoat DW 25



Two-component, epoxy paint to form an acid resistant and non-toxic finish on concrete surfaces used for containing drinking water.

Mapecoat DW 25 is used to protect floors in the foodstuffs industry and areas used for the production or processing of foodstuffs, concrete tanks and channels which come into contact with slightly aggressive chemical products and basins for storing drinking water. According to transfer tests contained in the Ministerial Decree 06-04-2004 No. 5, **Mapecoat DW 25** may be used in fixed water plants used for the capitation, treatment, adduction and treatment of water for human consumption.

Mapecoat DW 25 is a two-component, epoxy paint which must be carefully mixed together before use until the two components are completely homogenous. **Mapecoat DW 25** is characterised by its low viscosity, and is easy to apply using a brush, a roller or by spray on substrates which are perfectly clean, solid and dry. Once complete curing has taken place, **Mapecoat DW 25** forms a waterproof and vapour-proof film which is also resistant to freezing, and leaves an attractive finish on the treated surface.

Consumption

400-600 g/m² per coat.

Packaging

5 kg (A + B).



Duresil EB



Bituminous epoxy paint for acid-resistant protection of concrete and steel surfaces.

Use **Duresil EB** to coat structures that are below ground or to be permanently immersed in water, such as concrete and steel piles, sewers, purification plants etc.

Duresil EB is a two-component paint formulated from special asphalt polymers and epoxy resins. Add part B to part A and mix thoroughly.

Apply **Duresil EB** by brush or spray onto perfectly clean and sound substrates. After final hardening, **Duresil EB** forms a completely waterproof and vapourproof protective coating that is resistant to diluted acids and alkali, mineral oils, detergents, waste water, etc.

Consumption

400-450 g/m² per coat.

Packaging

10 kg (A+B).

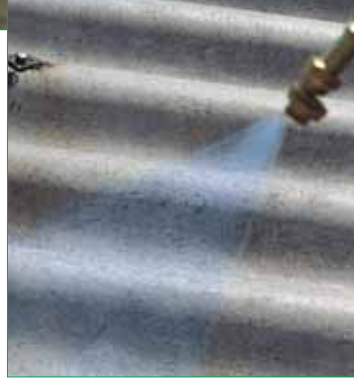


Municipal stadium - Mediglia - Italy
Waterproofing and decoration of the flight of stairs with:
EPORIP, MAPELASTIC, MAPEFINISH,
ELASTOCOLOR PAINT, MAPECOAT I24

Asbestos cement treatment



Vinavil 03V



Temporary encapsulation of asbestos cement panels.

Use **Vinavil 03V** for treating flat or corrugated asbestos-cement panels to provide temporary encapsulation before removal.

Vinavil 03V is a vinylversatate emulsion for fixing asbestos fibers to prevent their dispersion into the air thereby causing a health hazard and environmental pollution.

Vinavil 03V has been certified as effective by the Research Institute for the study of biological effects of inhaled particles at the University of Milan - Institute of Occupational Medicine. **Vinavil 03V** is suitable to be used as a temporary encapsulation.

Vinavil 03V must be applied by roller, brush, low pressure hand pump or "airless" spray in such a way as to avoid the dispersion of fibers in the air.

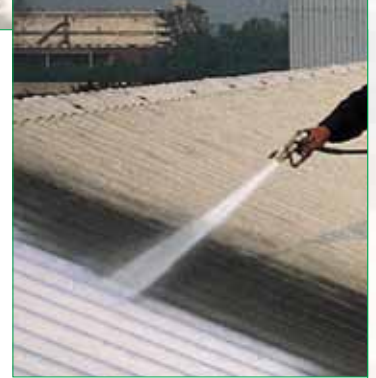
Once **Vinavil 03V** has dried, the asbestos-cement panels can be removed.

Consumption
300-400 g/m².

Packaging
25-10 and 5 kg drums.



Aquaflex System



Permanent encapsulation of asbestos cement.

Use **Aquaflex System** cycle for the permanent encapsulation of type A (external view), B (internal view) and C (no view, before confinement) in compliance with the August 20, 1999 Italian Ministerial Decree, of asbestos cement structures exposed to atmospheric agents, therefore subject to progressive degradation, with emerging and release of asbestos fibre. The system is made up of two products of certified quality by authorised laboratories:

- **Primer for Aquaflex:** ready-to-use synthetic resin in solvent solution based compound that can penetrate into the degraded material binding the fibres to each other and to the cement matrix. It forms the anchorage base for the next encapsulation layer.

- **Aquaflex:** it is a one-component light grey elastomeric resin, in water dispersion based encapsulating coating. As prescribed by August 20, 1999 Ministerial Decree, the product must be applied in two contrasting coloured coats, because over time the appearance of the colour of the first coat indicates the need to carry out a new encapsulation cycle. The product is ready-to-use, but to make application easier, it can be diluted with 3% water by weight.

The **Aquaflex System** is classified as a class 1 product according to fire resistance regulations (UNI 8457-9174).

Consumption

- **Primer for Aquaflex:** 160 g/m² (wet) per coat;
- **Aquaflex:** 300-450 g/m² (wet) per coat.

Packaging

- **Primer for Aquaflex:** 5 kg ADR/RID approved packaging;
- **Aquaflex:** 25-10-5 kg drums.



Anti-graffiti treatments



WallGard Graffiti Barrier



Reversible graffiti-resistant protective barrier for all surfaces.
WallGard Graffiti Barrier is recommended for protecting marble, granite or natural stone facings against graffiti drawn with spray-paint, crayons, markers, etc. **WallGard Graffiti Barrier** is also recommended for protecting cement-based facings.
 After **WallGard Graffiti Barrier** has been applied, it forms a film that covers surface pores without affecting vapour permeability, creating a repellent barrier against oils and water that prevents graffiti from penetrating deeply.
WallGard Graffiti Barrier does not alter the appearance of the surface.
WallGard Graffiti Barrier can be applied with a brush, roller or spray on surfaces that are thoroughly clean and sound, even when slightly damp.

Consumption
 30-150 g/m².

Packaging
 5 and 20 kg buckets.



WallGard Graffiti Remover Gel



Gel detergent for graffiti-damaged surfaces.
WallGard Graffiti Remover Gel is recommended for all surfaces not previously treated with graffiti-repellent protection against conventional spray-paints.
WallGard Graffiti Remover Gel has a gelatinous consistency and contains harmless biodegradable solvents.
 After **WallGard Graffiti Remover Gel** has been applied and let stand for 5 to 10 minutes, it removes all types of graffiti simply by spraying with a high pressure cleaner. In areas where using water under pressure is not possible, **WallGard Graffiti Remover Gel** can be removed easily with running water and a hard bristled brush.
WallGard Graffiti Remover Gel can be brushed on without any prior surface preparation.

Consumption
 100-200 g/m² per coat, depending on the roughness of the surface.

Packaging
 5 kg buckets.



War memorial - Milan - Italy
 Anti-graffiti treatment with:
 WALLGARD GRAFFITI BARRIER,
 WALLGARD GRAFFITI REMOVER GEL

Anchoring



Mapegrout SV



Fast-setting and hardening, controlled-shrinkage easy flow mortar for repairing concrete and fastening drains, manhole covers and roadwork fittings in place.

Mapegrout SV is used for repairing highly deteriorated concrete structures, by pouring the product into formworks positioned around the said structure.

It may also be used for repairing floors for industrial use, and for construction works on roads and in airports which need to be reopened to traffic quickly.

Thanks to its short setting time, **Mapegrout SV** is particularly suitable for quickly fixing inspection wells, manhole covers and drain covers in place.

Made up of cementitious binders and special additives, **Mapegrout SV** is prepared by blending the contents of one 25 kg bag of the product with 3.0-3.25 l of water, according to the consistency required.

Once prepared, the mortar is poured into the areas to be filled or into the formworks. With **Mapegrout SV**, repair works or fills of up to 50 mm in thickness may be carried out.

If the layer to be installed is thicker than 50 mm, we recommend adding 40% of **Gravel 6-10**, and to blend the mix with approximately 3.5 l of water.

Areas repaired with **Mapegrout SV** may be opened to traffic approximately 2 hours after pouring, at a temperature of +20°C.

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

Colours
available in grey and black.

Consumption
– applied neat: 20 kg/m² per cm of thickness;
– used with 40% of gravel in the mix: 14.5 kg/m² per cm of thickness (5.7 kg/m² of **Gravel 6-10**).

Packaging
25 kg bags.



Mapegrout SV T



Quick-setting, shrinkage-controlled, thixotropic mortar for repairing concrete, fixing drains, manholes and urban fixtures.

Mapegrout SV T is used for repairing highly deteriorated in-situ concrete elements, both vertical and horizontal, without the use of formwork. It may also be used for repairing industrial floors, and for construction work on roads and in airports which need to be reopened to traffic quickly.

The rapid hardening properties of **Mapegrout SV T** are particularly suitable for reinstating, inspection wells, manholes and drain covers. Containing cementitious binders, selected inert materials and special additives, **Mapegrout SV T** is prepared by blending the contents of one 25 kg bag of the product with 3.1-3.4 litres of water.

After preparation, **Mapegrout SV T** may be applied by trowel for repairs up to 50 mm thick. **Mapegrout SV T** may be opened to traffic approximately 2 hours after placing, at a temperature of +23°C.

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

Colours
available in grey and black.

Consumption
20 kg/m² per cm of thickness.

Packaging
25 kg bags.





Mapefill



High-flow shrink-free grout for anchors.

Mapefill is used to anchor machinery, bolts, precast metallic structures, turbines, machine tools, etc into concrete. It is also recommended for filling rigid joints between concrete elements and for underpinning.

Mapefill has high mechanical strength at early ages (24 hours) and high adhesion to steel and concrete.

Mapefill is formulated from cement binders, graded aggregate and special additives. The mixture is prepared by mixing a 25 kg bag of **Mapefill** with 3.5-3.75 l of clean water, depending on the desired consistency. The mortar obtained is poured into the foundations, which must have been thoroughly soaked with water beforehand, taking care to allow air to escape to prevent air-bubbles.

For filling large volumes, the addition of **Gravel 6-10** is recommended.

Mapefill meets the minimum requirements of EN 1504-6.

Consumption

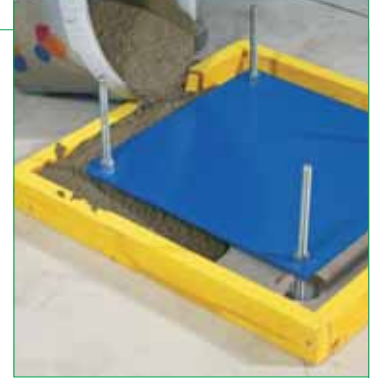
1.95 kg/dm³ of cavity to be filled.

Packaging

25 kg bags.



Mapefill R



Expansive, quick-setting fluid mortar for fastening purposes.

Mapefill R is used to quickly fasten bolts, tie-rods, prefabricated framework, turbines, machine tools, etc. into concrete machine bases. It is also suitable for filling rigid joints between concrete elements and below walls.

Mapefill R is characterised by its high mechanical strength even after short curing times (24 hours) and its high bond to steel and to concrete.

Mapefill R is made up of cementitious binders, selected inert materials and special admixes. It is prepared by mixing one 25 kg sack of **Mapefill R** with 4.25-4.5 litres of clean water, dependent on the consistency required. The mortar is applied by casting into the foundations which must be previously saturated with water. Make sure that all air is removed to avoid the entrapment of air bubbles. To fill large spaces, we recommend adding.

Mapefill R meets the minimum requirements of EN 1504-6.

Consumption

1.95 kg/dm³ of cavities to be filled.

Packaging

25 kg bags.



Planigrout 300



Fluid three-component epoxy mortar for the repair of damaged concrete structures, precision fastening and reinforcement of industrial floorings.

Planigrout 300 is used for repairing damaged concrete structures, for example overhead and bridge-crane runways in industries and shipyards. More in general, for evening-out concrete surfaces in areas that are difficult to reach. Thanks to the fact that **Planigrout 300** hardens without shrinking, the product can be used as a mortar for precision fastening.

Planigrout 300 can also be used for preparing industrial floorings with very high mechanical strength, such as workshops, garages and warehouses subject to intense rubber wheel trolley traffic.

First mix part A with part B, then, after adding part C, remix until a homogeneous lump-free mixture is obtained.

Consumption

2 kg/m² per mm of thickness.

Packaging

30.5 kg units (A+B+C):

- part A: 4 kg
- part B: 1.5 kg
- part C: 25 kg

12.2 kg units (A+B+C):

- part A: 1.6 kg
- part B: 0.6 kg
- part C: 10 kg



Stabilcem T



One-component pre-blended thixotropic mortar with controlled shrinkage for anchoring, by injection, of tie rods and bolts in all types of grounds.

Use **Stabilcem T** for anchoring tie rods of any length in tunnels, also in the presence of water and/or fractured and unstable rock masses, for anchoring reinforcement steel rods, for filling cavities between rock and concrete elements in tunnels and for sealing rigid structural joints in precast structures.

After mixing with water **Stabilcem T** acquires such a thixotropic consistency that it can be easily applied by injection on vertical, inclined or above sections without yielding or scraps.

Thanks to its rheological properties and to the absence of bleeding, **Stabilcem T** can penetrate through morphologically difficult grounds, completely filling very limited spaces.

Stabilcem T hardens without shrinkage and thanks to its remarkable bonding to rock, concrete, and steel, it is an effective means for anchoring bolts and rods during consolidation, even if they undergo considerable stress.

Consumption

approximately 1.75 kg/dm³ of cavity to be filled.

Packaging

25 kg bags.



Rapid fixing



Lampocem



Ready-to-use shrinkage-free hydraulic binder with rapid setting and hardening.

Use **Lampocem** for all types of rapid fixing on both vertical and horizontal concrete and masonry surfaces, for fixing corbels, pipelines, sanitary ware, hangers, and for securing timber and metal grounds.

Lampocem has a very rapid setting time (about 3 minutes at +20°C). Mixed with water, **Lampocem** becomes a paste with a plastic-thixotropic consistency, easy to apply, even on vertical surfaces, without running and no shuttering needed.

Lampocem is a pre-blended powdered binder composed of highly resistant cements and special additives. While stirring pour 1 kg **Lampocem** into a container holding 0.20-0.21 l of water, and hand mix using a trowel until a smooth, lump-free paste is obtained. The mixing-ratio by volume is 4 parts **Lampocem** to 1 part water. Quickly apply **Lampocem** with a flat trowel.

Consumption

1.8 kg/dm³ of cavity to be filled.

Packaging

25 kg bags and boxes containing 4 bags each of 5 kg.



Mapegrout SV



Fast-setting hand hardening, controlled-shrinkage easy flow mortar for repairing concrete and fastening drains, manhole covers and roadwork fittings in place.

Mapegrout SV is used for repairing highly-deteriorated concrete structures, by pouring the product into formworks positioned around the said structure. It may also be used for repairing floors for industrial use, and for construction works on roads and in airports which need to be reopened to traffic quickly.

Thanks to its short setting time, **Mapegrout SV** is particularly suitable for quickly fixing inspection wells, manhole covers and drain covers in place.

Made up of cementitious binders and special additives, **Mapegrout SV** is prepared by blending the contents of one 25 kg bag of the product with 3.0-3.25 l of water, according to the consistency required.

Once prepared, the mortar is poured into the areas to be filled or into the formworks. With **Mapegrout SV**, repair work or fills of up to 50 mm in thickness may be carried out. If the layer to be installed is thicker than 50 mm, we recommend adding 40% of **Gravel 6-10** mortar gravel, and to blend the mix with approximately 3.5 l of water. Areas repaired with **Mapegrout SV** may be opened to traffic approximately 2 hours after pouring, at a temperature of +20°C.

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

Colours
available in grey and black.

Consumption
– applied neat: 20 kg/m² per cm of thickness;
– used with 40% of gravel in the mix: 14.5 kg/m² per cm of thickness (5.7 kg/m² of **Gravel 6-10**).

Packaging
25 kg bags.

Colours
available in grey and black.

Consumption
– applied neat: 20 kg/m² per cm of thickness;
– used with 40% of gravel in the mix: 14.5 kg/m² per cm of thickness (5.7 kg/m² of **Gravel 6-10**).

Packaging
25 kg bags.



Mapegrout SV T



Quick-setting, shrinkage-controlled, thixotropic mortar for repairing concrete, fixing drains, manholes and urban fixtures.

Mapegrout SV T is used for repairing highly deteriorated in-situ concrete elements, both vertical and horizontal, without the use of formwork. It may also be used for repairing industrial floors, and for construction work on roads and in airports which need to be reopened to traffic quickly.

The rapid hardening properties of **Mapegrout SV T** are particularly suitable for reinstating, inspection wells, manholes and drain covers. Containing cementitious binders, selected inert materials and special additives, **Mapegrout SV T** is prepared by blending the contents of one 25 kg bag of the product with 3.1-3.4 litres of water.

After preparation, **Mapegrout SV T** may be applied by trowel for repairs up to 50 mm thick. **Mapegrout SV T** may be opened to traffic approximately 2 hours after placing, at a temperature of +20°C.

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

Colours
available in grey and black.

Consumption
20 kg/m² per cm of thickness.

Packaging
25 kg bags.



Joining PVC pipes



Adesilex T



Adhesive for welding PVC pipes.

Use **Adesilex T** to bond rigid PVC pipes, including pipe fittings, gutters, siphons.

Adesilex T is a transparent ready-to-use adhesive with a fluid consistency.

Adesilex T has high bonding strength and, when dry it is resistant to cold and boiling water.

Apply **Adesilex T** onto clean and dry surfaces, extruding the product directly from the tube; after spreading the adhesive, immediately join the pipes, rotating them slightly.

Consumption

as needed.

Packaging

boxes of 18x1 kg;
boxes of 100 medium tubes x 80 g;
boxes of 50 large tubes x 160 g.



Adesilex T Super



Super adhesive for welding high-pressure PVC pipes.

Use **Adesilex T Super** for bonding high-pressure PVC pipes.

Adesilex T Super is a red, ready-to-use adhesive with a fluid consistency. Before applying **Adesilex T Super**, thoroughly clean the parts to be bonded with a cloth and dry off any moisture.

Spread **Adesilex T Super** onto the part to be bonded and immediately join the pipes, rotating them slightly. After bonding, any excess adhesive should be removed from the tube with a cloth.

After drying **Adesilex T Super** is completely resistant to cold and boiling water.

Consumption

as needed.

Packaging

boxes of 18x1 kg;
boxes of 100 medium tubes x 90 g.



Industrial flooring



Biblock



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

Biblock is a transparent, epoxy impregnation product, which is particularly recommended to guarantee good curing of concrete used for laying industrial floors, access ramps, runways, canals, storage tanks, etc.

To function correctly, **Biblock** must be applied on concrete which is still fresh. Due to its capability of penetrating into absorbent materials, **Biblock** may be used as a consolidator and anti-dust treatment for cementitious screeds and mechanically weak industrial floors.

Biblock is supplied in kits of two pre-weighed components, which must be mixed together until they are completely homogenous and then be diluted with up to 20% of water, before application.

Biblock is easy to apply by brush, roller or by spraying, on either horizontal or vertical surfaces, which must be clean and free of crumbly or loose parts.

Consumption
approximately 100-150 g/m² according to the absorbency of the substrate.

Packaging
5 kg kits (A+B).



Triblock P



Three-component, epoxy-cementitious primer for damp substrates.

Triblock P is used for waterproofing vertical and horizontal surfaces which are damp due to the counter-pressure of water or capillary lift, before applying parquet, PVC, linoleum, ceramics, cementitious smoothing and levelling compounds and epoxy and polyurethane coats, since their low permeability to vapour may cause blistering or detachment of the coat.

Triblock P is supplied in kits of 3 pre-dosed components, which must be mixed together using a low-speed drill until a smooth, lump-free paste is obtained. After diluting with from 5 to 20% of water, apply **Triblock P** with a brush, by roller or with the airless spray system in 2 coats, to create a continuous, uniform layer without porosity.

If the surface to be treated is uneven, we recommend mixing 1 part in weight of **Triblock P** (A+B+C) with 0.5 parts in weight of **Quartz 0.25** or **Quartz 0.5**. In this case, the mortar must be applied at a maximum thickness of 1 mm. After smoothing off, if the surface is damp and subject to the counter-pressure of water, a further coat of **Triblock P** diluted with 5-10% of water must be applied.

Consumption
– 250-300 g/m² per coat, on non-absorbent surfaces;
– 400-500 g/m² per coat, on absorbent surfaces;
– 1.5 kg/m² per mm of thickness when used as a smoothing compound.

Packaging
5 kg units (A+B+C).





Primer MF



Solvent-free two-component epoxy primer to be used as an adhesion promoter for products of the Mapefloor range and to consolidate and waterproof cementitious substrates.

Primer MF is a solvent-free two-component product based on epoxy resins with low viscosity and at the same time a high penetration capacity in the porosities of the substrates. Because of the total absence of solvents, **Primer MF** can be used on job-sites near inhabited environments such as apartments, schools, offices, etc.

Primer MF is used as a primer for absorbent concrete surfaces, as a consolidating primer of cementitious screeds with poor strength, as a primer with an anti-dust effect for concrete industrial floorings and as a waterproofer to avoid excess residual rising water in screeds and concrete floorings and in industrial floor protection cycles with products from the **Mapefloor** range.

After mixing the two parts, apply several coats of **Primer MF** with a roller or brush to completely fill the pores in the substrate surface. The epoxy products from the **Mapefloor** range must be applied before **Primer MF** hardens. Any stagnation of **Primer MF** on the surface must be covered with **Quartz 1.2** or clean dry sand over the same still fresh layer.

Smoothing compounds, wooden floorings, etc. can be applied over substrates treated with **Primer MF** after 12-36 hours from the application of the product, depending on the temperature.

Consumption

- 200-300 g/m² (used as a primer);
- variable (used as a consolidating compound or as a waterproofer).

Packaging

- 1 kg (A+B);
- 6 kg (A+B).



Primer SN



Two-component, solvent-free epoxy filling primer.

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

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

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

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

Consumption

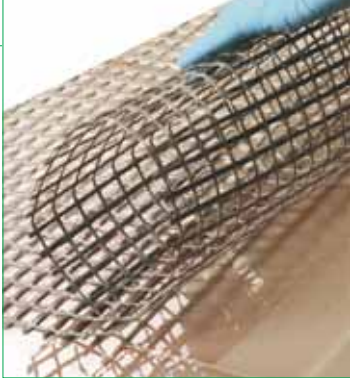
- 0.3-0.6 kg/m² per coat, according to the absorption and characteristics of the substrate.

Packaging

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



Mesh 320



Glass fibre mesh for reinforcing epoxy systems.

Mesh 320 is a glass fibre mesh primed with special synthetic resins. It weighs 350 g/m² and the mesh size is 15.7 x 10.1 mm.

Mesh 320 is used for reinforcing the first layer of **Primer SN** in order to evenly distribute any stresses which are generated in the substrate and prevent cracking.

Packaging

50 m x 1 m-wide rolls.

Mapefloor I 300 SL



Two-component, multi-purpose, neutral-coloured epoxy treatment for industrial floors, applied at a thickness of up to 4 mm.

Mapefloor I 300 SL is a solvent-free, two component, epoxy filling treatment used to obtain self-levelling, multi-layer and non-slip coatings on industrial floors.

Mapefloor I 300 SL is particularly recommended as a floor covering in the foodstuffs, chemical and pharmaceutical industries. Its properties also include good resistance to the stresses caused by the passage of forklift trucks and rubber-wheeled vehicles in general, commonly used in shopping centres, laboratories and hospitals.

Mapefloor I 300 SL resists well to chemicals and abrasion and has high mechanical strength. It is used for the following:

- **Mapefloor System 31** (multilayered from 0.8 to 1.2 mm in thickness, for light to medium traffic);
- **Mapefloor System 32** (multilayered from 3 to 3.5 mm in thickness, for medium to heavy traffic);
- **Mapefloor System 33** (self-levelling from 2 to 4 mm in thickness, for medium weight traffic);
- **Mapefloor System 34** (painted layers from 0.6 to 1 mm in thickness, for lightweight traffic).

Mapefloor I 300 SL may be used as either a non-slip dressing or as a self-levelling, smooth dressing. In these cases, the product must be mixed with **Quartz 0.25** or **Quartz 0.5**, according to the final use and thickness required.

Mapefloor I 300 SL has a neutral colour. Where required, **Mapecolor Paste** colorants must be added while preparing the product. Add 0.7 kg of paste colorant (**Mapecolor Paste**) for each 8 kg package of **Mapefloor I 300 SL**.

Consumption

- used to form a 2 mm-thick self-levelling dressing on a substrate primed with **Primer SN**: 2.0 kg/m²;
- used to form a 3 mm-thick intermediate layer in a non-slip, multi-layered dressing on a substrate primed with **Primer SN**: 0.9 kg/m²;
- used to form 1 mm-thick or 3 mm-thick layers in a non-slip, multi-layered dressing on a substrate primed with **Primer SN**: 0.6 kg/m².

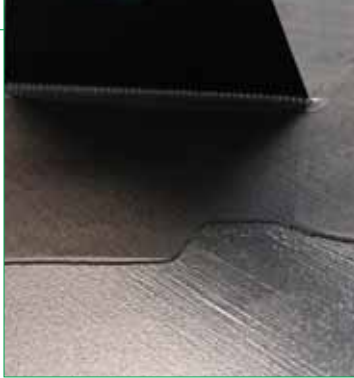
Packaging

units of 8 kg (A+B).



Ingram show-room - Arezzo - Italy
Repairing of flooring with:
ULTRATOP SYSTEM "natural effect"
(**PRIMER SN**, **ULTRATOP**, **MAPEFLOOR FINISH 52 W**)

Mapefloor I 300 SL TRP



Two-component, transparent epoxy finish coat with a low tendency to turn yellow, applied at a thickness of 1 mm as a finishing coat on epoxy resin systems.

Mapefloor I 300 SL TRP is used as a finishing coat on internal decorative floors in civil environments subject to light pedestrian traffic, such as shops and hotel receptions.

Mapefloor I 300 SL TRP is impermeable and resistant to chemicals and abrasion, which also makes it suitable as a finishing coat on decorative floors in restaurants, bars, showrooms, etc

Mapefloor I 300 SL TRP is a solvent-free, two-component, transparent epoxy finish coat with a low tendency to turn yellow. Apart from improving the resistance of the floor, it gives it a lens-like appearance. Once **Mapefloor I 300 SL TRP** has hardened, the surface has good resistance to alcohol and diluted alkalis, and is also easy to clean.

Consumption
from 1 to 1.5 kg/m².

Packaging
18 kg kits:
component A = 12 kg;
component B = 6 kg.



Mapefloor I 320 SL CONCEPT



Self-levelling, solvent-free epoxy finish coat with a coloured granular effect, to create floors which are resistant to abrasion.

Mapefloor I 320 SL CONCEPT is used to dress floors in both industrial and civil environments subject to medium-heavy loads, such as laboratories and distribution warehouses. Its attractive aesthetic appearance and excellent resistance to abrasion also make it suitable in environments with heavy pedestrian traffic, such as bars, hotel receptions, canteens, classrooms, showrooms, etc.

Mapefloor I 320 SL CONCEPT is a solvent-free, two-component epoxy resin-based formula.

Mapefloor I 320 SL CONCEPT is characterised by excellent mechanical strength, and is more resistant to abrasion than conventional epoxy-based self-levelling products.

Mapefloor I 320 SL CONCEPT is prepared by mixing the two components together, and is applied using a smooth trowel at a thickness of between 2 and 4 mm on substrates which must be primed before application.

The hardened surface of **Mapefloor I 320 SL CONCEPT** is very smooth and forms a continuous, flat floor which is easy to clean and sterilise.

Mapefloor I 320 SL CONCEPT is available in special coloured blends, which give the floor a particularly attractive appearance.

Consumption
3 kg/m².

Packaging
16.8 kg kits:
component A = 13.8 kg;
component B = 3.0 kg.



Mapefloor I 350 SL



Two-component, multi-purpose, neutral-coloured, "class 1" fire-resistant epoxy treatment for coating industrial floors at a thickness of up to 4 mm.

Mapefloor I 350 SL is a solvent-free, two component, "Class 1" fire-resistant epoxy filling treatment used to obtain a self-levelling, multi-layer, non-slip resin coating on industrial floors.

Mapefloor I 350 SL is particularly recommended as a floor covering in the foodstuffs, chemical and pharmaceutical industries. Its properties also include good resistance to the stresses caused by the passage of forklift trucks and rubber-wheeled vehicles in general in shopping centres, laboratories and hospitals.

Mapefloor I 350 SL has excellent chemical resistance and high strength properties, is resistant to abrasion and may be applied at a thickness of up to 4 mm.

Mapefloor I 350 SL may be used as either a non-slip coating or as a smooth, self-levelling coating. In these cases, the product must be mixed at a ratio of up to a maximum of 1 : 0.5 with **Quartz 0.25** or **Quartz 0.5**, according to the final use and thickness required.

Mapefloor I 350 SL has a neutral colour. Where required, **Mapefloor Paste** colorants may be added while preparing the product. Add 0.7 kg of **Mapecolor Paste** colorant for each 8 kg package of **Mapefloor I 350 SL**.

Consumption
– as a 2 mm-thick self-levelling coating on substrates treated with **Primer SN**: 2.0 kg/m²;
– as an intermediate layer in a 3 mm-thick, non-slip, multi-layered coating on substrates treated with **Primer SN**: 0.9 kg/m²;
– as a 1 mm-thick or 3 mm-thick final coat in a non-slip, multi-layered coating on substrates treated with **Primer SN**: 0.6 kg/m².

Packaging
8 kg units:
component A = 6 kg;
component B = 2 kg.





Mapefloor PU 400



Two-component, self-levelling, neutral-coloured, highly-flexible polyurethane binder with fillers. Mapefloor PU 400 is a two-component formulate with fillers made from polyurethane resin, used to form waterproof coating layers on concrete substrates which require high flexibility, and where good resistance to cracking is required. Thanks to these properties, **Mapefloor PU 400** may be used to cover floors in multi-storey car-parks, road surfaces, bridges, walkways and general concrete covered surfaces.

Mapefloor PU 400 is also resistant to mechanical stresses, and has good crack-resistance properties, even at low temperatures (as low as -20°C). Prepare the product by mixing the two components which make up **Mapefloor PU 400** with a low-speed drill, add **Mapecolor Paste** and keep mixing until a smooth, lump-free paste is obtained. While mixing, add 20-30% in weight of **Quartz 0.25** to the blend prepared as described above, and mix again to form a smooth, homogenous paste. Apply **Mapefloor PU 400** in an even layer using a notched trowel. We recommend passing over the surface of **Mapefloor PU 400** with a bubble-breaker while it is still fresh.

Consumption
from 1.5 to 2 kg/m² according to the condition of the substrate.

Packaging
19.75 kg kits:
component A = 4.75 kg;
component B = 15 kg.

Mapefloor PU 410



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

Mapefloor PU 410 is a solvent-free, two-component formulate with fillers, made from medium-flexibility, low-viscosity polyurethane resin. Because of its good crack resistance properties in concrete, even at low temperatures (as low as -20°C) and excellent wear resistance, **Mapefloor PU 410** is an ideal coating product for multi-storey car parks and general internal and external road surfaces.

Thanks to its special formulation, **Mapefloor PU 410** may be used as an intermediate wear layer in the **Mapefloor Parking System**, or as a flexible multi-layered or self-levelling coating layer. According to the final use of **Mapefloor PU 410**, it must be prepared by mixing with 30% in weight of **Quartz 0.25** or **Quartz 0.5**.

Also, if the surface of **Mapefloor PU 410** is sprinkled with quartz sand (0.1-0.5 mm or 0.3-0.9 mm), its anti-wear properties are increased and the surface has a non-slip finish.

Mapefloor PU 410 is supplied in a neutral colour. **Mapecolor Paste** may be added when mixing and preparing the product. 1.4 kg of **Mapecolor Paste** for each 18.5 kg sack of **Mapefloor PU 410** is required.

Consumption

- As an intermediate layer in the **Mapefloor Parking System: Mapefloor PU 410 + Mapecolor Paste**: 1.0 kg/m²; mixed with **Quartz 0.25**: 0.3 kg/m²; sprinkling of 0.1-0.5 mm quartz: 4.0 kg/m²;
- As a multi-layered, flexible, non-slip dressing layer (1.5-3 mm): **Mapefloor PU 410 + Mapecolor Paste**: 0.9 kg/m²; mixed with **Quartz 0.5**: 0.27 kg/m²; sprinkling of 0.1-0.5 mm quartz on a fresh layer: 3.0 kg/m²;
- As a flexible, self-levelling layer (2-3 mm): **Mapefloor PU 410 + Mapecolor Paste + Quartz 0.25**: 4.0 kg/m².

Packaging
18.5 kg kits:
component A = 15 kg;
component B = 3.5 kg.

Mapefloor CPU/MF



Three-component, self-levelling polyurethane-cement treatment with high resistance to chemical agents, for coating industrial floors with a 3-4 mm thick layer.

Mapefloor CPU/MF is a polyurethane-cement treatment, used to obtain self-levelling resinous coats on industrial floors. **Mapefloor CPU/MF** is particularly suitable for coating floors in the foodstuffs industry and in the chemicals and pharmaceuticals industries.

Thanks to its properties, it also offers good resistance to the stresses caused by the passage of forklift trucks, and rubber-wheeled vehicles in general, in shopping centres, laboratories and hospitals.

Mapefloor CPU/MF has excellent chemical resistance and high strength properties, is resistant to abrasion and may be applied at thicknesses between 3 and 4 mm after suitable preparation and priming of the substrate.

Mapefloor CPU/MF is available in grey, beige and green.

Consumption
6 kg/m² for a 3 mm-thick self-levelling layer.

Packaging
28.4 kg kits:
component A = 4.2 kg;
component B = 4.2 kg;
component C = 20 kg.



Maefloor CPU/HD



Three-component, polyurethane-cement-based mortar with high mechanical strength and high resistance to chemicals, used to finish industrial floors with a layer from 6 to 9 mm thick.

Maefloor CPU/HD is a polyurethane-cement-based formula which is ideal for finishing industrial floors subject to heavy traffic, high chemical aggression and subject to high thermal shocks.

Thanks to these properties, **Maefloor CPU/HD** is suitable for finishing floors in the foodstuffs, chemical and pharmaceutical industries.

Maefloor CPU/HD is also mechanically strong and is highly resistant to abrasion. It resists well, therefore, to the stress caused by the passage of fork-lift trucks and rubber-wheeled vehicles in industrial environments.

Once the substrate has been correctly prepared, **Maefloor CPU/HD** is applied in a single layer from 6 to 9 mm. It is available in grey.

Consumption

1.9 kg/m² per mm of thickness.

Packaging

31.4 kg kits:

component A = 3.2 kg;
component B = 3.2 kg;
component C = 25 kg.



Maefloor I 500 W



Two-component, multi-purpose, neutral-coloured epoxy treatment in water dispersion, permeable to vapour, for industrial floors.

Maefloor I 500 W is a solvent-free, two-component, epoxy filling treatment in water dispersion, which is impermeable to vapour, used to obtain self-levelling and multi-layer coatings on industrial floors. Since it is a water-based product, **Maefloor I 500 W** is environment-friendly and is particularly recommended as a floor covering in the foodstuffs, chemical and pharmaceutical industries. Its properties also include good resistance to the stresses caused by the passage of forklift trucks and rubber-wheeled vehicles in general, commonly used in shopping centres.

Maefloor I 500 W is versatile, permeable to water vapour and is not subject to shrinkage.

Maefloor I 500 W resists well to chemicals and abrasion and has high mechanical strength. It is used for the following:

- **Maefloor System 51** (multi-layered up to 3 mm in thickness, for medium to heavy traffic);
- **Maefloor System 52** (multi-layered up to an average of 5 mm in thickness, for heavy traffic);
- **Maefloor System 53** (self-levelling up to an average of 4 mm in thickness, for medium to heavy traffic);

Maefloor I 500 W has a neutral colour. Where required, **Mapecolor Paste** colorants must be added while preparing the product. Add 0.7 kg of paste colorant (**Mapecolor Paste**) for each 26 kg package of **Maefloor I 500 W**.

Consumption

- used as smooth, self-levelling 2 mm-thick layer on a substrate primed with **Mapecoat I 600 W**: 4 kg/m²;
- used as a multi-layered, 5 mm-thick non-slip coating:

for the first layer

Maefloor I 500 W 2.5 kg/m²
Quartz 0.5 5 kg/m²

as the second layer

Maefloor I 500 W 2.5 kg/m²
Quartz 0.5 5 kg/m²

as the finishing layer

Maefloor I 500 W 0.7 kg/m²

Packaging

units of 26 kg:
component A = 2 kg;
component B = 24 kg.



Mapecoat I 600 W



Two-component, transparent epoxy finish in water dispersion.

Mapecoat I 600 W is used both for consolidating absorbent, porous cementitious substrates and as a primer before the application of **Maefloor I 500 W (Maefloor System 53)** or as a finishing layer on **Ultratop**.

Mapecoat I 600 W is a two-component, transparent epoxy finish in water dispersion which has a final opaque appearance which, when applied on absorbent substrates, takes up a wet-look effect.

The two components which make up **Mapecoat I 600 W** must be mixed together using a low-speed drill with a mixer attachment, until a homogenous blend is obtained. If used as impregnating product a first coat must be prepared by diluting the product with water with the ratio from 1 : 3 to 1 : 4 (1 part product to 3-4 parts of water), according to the substrate absorption; the second coat must be diluted from 1 : 1 to 1 : 3 (1 part product with 1-3 parts of water).

The use of **Mapecoat I 600 W** as primer for **Maefloor I 500 W** only requires application in one single coat by diluting the product with water by the ratio of 1 : 1. Wait for 3-4 hours before applying **Maefloor I 500 W**.

Mapecoat I 600 W must be stirred with drill for at least 3 minutes for both kind of application after water addition.

Mapecoat I 600 W is applied with a medium or long-haired roller, by spraying or with an airless spray-gun.

Consumption

- as impregnating compound: 60-100 g/m² each coat, depending on absorption;
- as primer: 300-500 g/m², depending on absorption.

Packaging

units of 5.9 kg (A + B).



Mapefloor I 900



Two-component epoxy resin, particularly recommended for the installation of floors which are resistant to acids and wear caused by the passage of heavy traffic, such as lorries and forklift trucks.

Mapefloor I 900 is used for the **Mapefloor System 91** (multi-layered epoxy system for thicknesses from 6 to 15 mm, for medium to heavy traffic) to create protective coatings for concrete industrial floors, car parks and garages, which are resistant to acids and the wear caused by heavy traffic.

Mapefloor I 900 may also be used to flatten out slopes and to repair horizontal surfaces, such as concrete floor slabs, foundations, ramps, the corners of expansion joints and beam joints. After mixing the two components together, add **Quartz 1.9** (selected graded aggregates), until a uniform mix similar to damp earth is obtained. Pour the mix onto the substrate, treated beforehand with **Primer SN**, making sure that the bonding agent is still "fresh". The product may be spread out with the help of an aluminium straightedge and rakes. If the product is used as a coating for floors, it must be smoothed off with a special vibro-tamping machine while the material is still "fresh". If it used as a roughing mortar, it may be levelled off by beating it firmly with a trowel or a float.

Mapefloor I 900 may be coloured with **Mapecolor Paste**.

Consumption
depending on the thicknesses to be applied.

Packaging
15 kg drums (A + B).



Mapefloor I 910



Two-component epoxy primer for mortar applied by trowel or as a bonding promoter for resin coatings. Mapefloor I 910 may be used as either a bonding promoter for resin coating coats or as a binder when mixing mortar applied by trowel when installing industrial floors or for when levelling off irregular layers or slopes in concrete floors.

The two components which make up **Mapefloor I 910** must be mixed together using a drill fitted with a low-speed stirrer, until a homogenous blend is obtained. Once mixed, the product must be spread on uniformly using either a long-haired roller or a smooth trowel when used as a primer for resin 600 kg units (A + B). Coats, or blended with **Quartz 1.9** at a ratio of up to a maximum of 1 : 13 to obtain mortar with a consistency similar to damp earth.

Consumption
– used as a primer: 0.3-0.5 kg/m², according to the absorbency of the substrate;
– used for preparing mortar: depending on the thicknesses to be applied.

Packaging
15 kg drums (A + B).



Quartz 0.25 0.5 - 1.2 - 1.9



Spherical, grey, alluvium quartz for the Mapefloor Systems and Triblock P.

Quartz 0.25
Selected, graded blend of grey, alluvium quartz with a trigonal crystalline structure and a maximum inert size of 0.25 mm. Used for self-levelling compounds in combination with **Mapefloor I 300 SL** for the **Mapefloor Systems** and with **Triblock P**.

Quartz 0.5
Selected, graded blend of grey, alluvium quartz with a trigonal crystalline structure and a maximum inert size of 0.5 mm. Used for sprinkling purposes in combination with **Primer SN** or **Mapefloor I 300 SL** for the **Mapefloor Systems** and **Triblock P**.

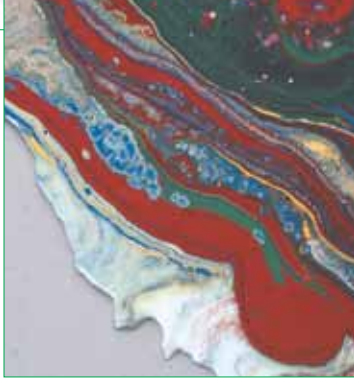
Quartz 1.2
Selected, graded blend of grey, alluvium quartz with a trigonal crystalline structure and a maximum inert size of 1.2 mm. Used for sprinkling purposes in combination with **Primer SN** or **Mapefloor I 300 SL** for the multi-layered **Mapefloor Systems**.

Quartz 1.9
Selected, graded blend of grey-coloured, alluvial quartz with a trigonal crystalline structure and a maximum inert size of 1.9 mm. Used for manufacturing damp-earth consistency mortar in combination with **Mapefloor I 910** or **Mapefloor I 900** for the **Mapefloor 91 Systems**.

Consumption
According to which systems they are used with. Please refer to the **Mapefloor System** and **Triblock P** Technical Data Sheets.

Packaging
Units of 25 kg.

Mapecolor Paste



A system for colouring Mapefloor products.
Mapecolor Paste is a range of ready-mixed colouring pastes, which are added to **Primer SN, Mapefloor I 300 SL, Mapefloor I 350 SL, Mapefloor I 500 W, Mapecoat I 620 W** and **Mapecoat I 24**.

Mapecolor Paste is available in 19 different colours, to satisfy the widest variety of aesthetic requirements.

Colours available:

RAL 1001	RAL 1013	RAL 1015
RAL 3009	RAL 5016	RAL 5007
RAL 5012	RAL 5024	RAL 6001
RAL 6017	RAL 6019	RAL 6021
RAL 7001	RAL 7030	RAL 7032
RAL 7034	RAL 7035	RAL 7037
RAL 7040		

Consumption

0.7 kg for each package of **Primer SN, Mapefloor I 300 SL, Mapefloor I 350 SL, Mapefloor I 500 W, Mapecoat I 620 W** and **Mapecoat I 24**.

Packaging

0.7 kg jars.



Mapecoat I 620 W



Two-component, water-based epoxy coating for concrete floors and cementitious substrates and as a finishing compound for epoxy systems, to provide an anti-dust and oil resistant finishing treatment with shiny effect.

Mapecoat I 620 W is used as an anti-dust and anti-oil layer on concrete, which must be previously primed with **Triblock P** as finishing compound for **Ultratop**, or on epoxy systems.

The two components which make up **Mapecoat I 620 W** must be mixed together using a low-speed drill with a mixer attachment, until a homogenous blend is obtained. While mixing, add 10% in weight of **Mapecolor Paste** and from 10-20% of water and continue mixing until a homogenous mix is obtained. Apply in a uniform coat using a short-haired roller.

To leave the surface with a non-slip finish, add from 5 to 10% in weight of **Mapefloor Filler** to **Mapecoat I 620 W**, according to the level of non-slip effect required.

Consumption

0.100-0.250 kg/m², according to the absorbency of the substrate.

Packaging

15 kg kits:
 component A = 5 kg;
 component B = 10 kg.



Mapecoat I 24



Epoxy paint for acid-resistant coating of concrete surfaces.

Mapecoat I 24 may be used for concrete floors, storage tanks and flumes which come into contact with aggressive chemicals, such as acids, leaching agents and hydrocarbons.

Mapecoat I 24 is a two-component epoxy paint. Prior to use, the components must be thoroughly mixed until complete homogeneity is obtained.

Characterized by a low viscosity, **Mapecoat I 24** can be applied easily on perfectly clean, sound and dry substrates by brush, roller or spray.

After the completion of the cross-linking, **Mapecoat I 24** forms a waterproof and vapourproof film.

Mapecoat I 24 is available in white, grey and neutral. The neutral version may be coloured using **Mapecolor Paste** during the preparation phase. Each 5 kg pack of **Mapecoat I 24** requires 0.7 kg of **Mapecolor Paste**.

Consumption

400-600 g/m² per coat, depending on the type of substrate.

Packaging

5 kg units (A+B).



Mapefloor Finish 50



Two-component, aliphatic, transparent, moisture curing, polyurethane finish.

Mapefloor Finish 50 is used as a dust-repellent treatment on absorbent, porous cementitious substrates, as a finishing coat for **Ultratop** and as a finishing coat to improve the resistance of **Mapefloor System 53** installations to scuffing.

Mapefloor Finish 50 is a solvent-free, two-component, aliphatic transparent polyurethane finish which does not turn yellow and which has a satin finish.

When the product is applied on concrete or **Ultratop**, it takes up a wet-look effect. To prepare the product, pour comp. B into the container of comp. A. After closing the container, mix the two components together by simply shaking the package for approximately one minute.

If an anti-slip finish is required on **Mapefloor Finish 50**, add 5-10% by weight of **Mapefloor Filler** while mixing slowly with a drill with a mixing attachment. **Mapefloor Filler** is made up of super-fine aggregate which are extremely wear resistant.

With both the standard and non-slip versions, **Mapefloor Finish 50** is applied evenly with a medium or short-haired roller on concrete substrates, and with a short-haired roller, such as mohair, on **Mapefloor I 500 W** or **Ultratop**.

The product may also be sprayed on or applied using an airless spray gun.

Consumption

- on **Mapefloor I 500 W** or **Ultratop** dressing material: 0.06-0.10 kg/m² per coat;
- on concrete floors: 0.1-0.2 kg/m² per coat, according to the absorbency.

Packaging

5 kg kits (A + B).



Mapefloor Finish 51



Two-component, aliphatic, polyurethane finishing product, made up of special charges to give the product an opaque, non-slip finish.

Mapefloor Finish 51 is used as a finishing coat to improve the resistance of **Mapefloor System 33** or **Mapefloor Parking System** installations to scuffing.

Mapefloor Finish 51 is a two-component, aliphatic polyurethane finishing product which does not turn yellow and which has an opaque finish.

The two components which make up **Mapefloor Finish 51** must be mixed together using a low-speed drill with a mixer attachment, until a homogenous blend is obtained.

Mapefloor Finish 51 can be coloured with 10% by weight of **Mapecolor Paste**. In this case, at least two coats are necessary. If a non-slip finish is required, add 5-10% in weight of **Mapefloor Filler** while mixing slowly and continuously.

Mapefloor Finish 51 is applied evenly with a short-haired roller such as mohair on resinous substrates. The product may also be sprayed on or applied using an airless spray gun.

Consumption

0.06-0.1 kg/m² per coat.

Packaging

units of 3.3 kg (A + B).



IP Cleaning Factory Company - Bagno - Italy
New flooring with: PRIMER G, ULTRATOP,
MAPEFLOOR I 300 SL, MAPECOLOR PASTE



Mapefloor Finish 52 W



Two-component, non-yellowing polyurethane finishing compound in water dispersion, for dust-repellent and anti-oil treatments.
Mapefloor Finish 52 W is used as a dust-repellent and anti-oil finishing layer on concrete and **Ultratop**, or as a finishing layer on epoxy systems.
 The main characteristic of **Mapefloor Finish 52 W** is that, if it is applied on **Ultratop** or concrete, it does not modify the appearance of the substrate and does not leave a "wet-look" finish.
 The two components which make up **Mapefloor Finish 52 W** must be mixed together using a drill fitted with a low-speed stirrer, until a homogenous blend is obtained, and then applied uniformly using a short-haired roller.
 It is possible to add 3-5% in weight of **Mapefloor Filler** to **Mapefloor Finish 52 W** to leave the surface with a non-slip finish, according to the level of non-slip effect required.

Consumption
 0.1-0.2 kg/m² each coat according to the absorbency of the substrate.

Packaging
 5.4 kg units (A + B).



Mapefloor Filler



Super-fine powder charges added to obtain a non-slip finish.
Mapefloor Filler is made up of super-fine powder charges which are extremely hard wearing, which are added to **Mapefloor Finish 50**, **Mapefloor Finish 51**, **Mapefloor Finish 52 W** and **Mapecoat I 620 W**.
 After preparing the product required, add 3-10% in weight of **Mapefloor Filler** while mixing slowly and continuously. After mixing with **Mapefloor Filler**, the various finishes are to be applied evenly using a short-haired, mohair brush, a medium-haired brush or a long-haired brush on top of **Mapefloor System**, **Ultratop** and concrete.

Consumption
 5-10 g/m².

Packaging
 0.3 kg jars.



Mapefloor Cleaner ED

New



Detergent for normal degreasing operations of floors.
Mapefloor Cleaner ED is a concentrated, water-soluble detergent made from a special mixture of surface-active agents which forms very little foam, used to clean all surfaces which are not damaged by the presence of water.
Mapefloor Cleaner ED is ideal for cleaning resin floors made using the **Mapefloor System** inside civil, public and industrial environments. **Mapefloor Cleaner ED** may also be used to remove protective film from decorative floors made using **Ultratop**, including those mixed with **Dynastone Color** or natural aggregates inside civil environments, such as showrooms, shops, apartments, etc.
Mapefloor Cleaner ED is used diluted at from 1 to 3%. Apply by hand or with a cleaning machine on floors made using the **Mapefloor System** or **Ultratop System** at least 7 days after laying (100-300 g of product in 10 litres of water). Increase the concentration according to requirements on porous or heavily soiled surfaces.

Consumption
 dependant on the amount of dirt on the surface to be cleaned.

Packaging
 10 kg cans.



Mapefloor Wax Remover

New



Special multi-action de-waxing cleaner, for double-reticulation Mapelux metallic wax.
Mapefloor Wax Remover is a special, multi-action wax-removing detergent. It produces very little foam, and may be used for deep-down cleaning and for removing any type of metallic wax. Its deep-down cleaning action breaks up the components in the wax film and quickly emulsifies all residuals and dirt.
Mapefloor Wax Remover is particularly suitable for removing old layers of double-reticulation **Mapelux Lucida** and **Mapelux Opaca** metallic wax. It may also be used for deep-down cleaning and de-waxing of linoleum and/or rubber floors (in such cases, if the floors are particularly old, carry out a colour-holding test beforehand).
 Use **Mapefloor Wax Remover** diluted in water at a concentration of 5 to 10% to remove normal metallic wax (0.5-1 litre of product in 10 litres of water).
 To remove double-reticulation **Mapelux Lucida** and **Mapelux Opaca** metallic wax, use **Mapefloor Wax Remover** at a concentration of 15% (1.5 litres of product diluted in 10 litres of water). Polish using a white disk, vacuum off the dust and rinse with water.

Consumption
 dependant on the amount of dirt on the surface to be de-waxed.

Packaging
 10 kg cans.



Mapelux Lucida



Shiny, metal-filled, high-resistance, double-reticulation floor wax.
Mapelux Lucida is used inside buildings for civil use, such as shops, showrooms, apartments, offices, etc. for protecting floors made using the **Mapefloor System** subject to particularly intense use, or to make maintenance operations of the finishing treatment on floors made using **Ultratop** easier.
Mapelux Lucida is a shiny, metal-filled wax characterised by its high resistance to traffic and frequent cleaning, even if strong detergents are used.
 Thanks to the product's double reticulation which binds all the components, the **Mapelux Lucida** film is easy to clean and marks and stains left by traffic may be removed by a simple washing cycle.
Mapelux Lucida is extremely fluid and is easy and quick to spread on the surface.
Mapelux Lucida must be applied in two criss-cross coats, to obtain good protection of the surface.
 Spread the first coat of **Mapelux Lucida** uniformly using a special waxing tool. Once the first coat has completely dried, spread the second coat at right angles to the first coat.

Consumption
 50 g/m².

Packaging
 10 kg cans.





Mapelux Opaca



Matt, metal-filled, high-resistance, double-reticulation floor wax.
Mapelux Opaca is used inside buildings for civil use, such as shops, showrooms, apartments, offices, etc. for protecting floors made using **the Mapefloor System** subject to particularly intense use, or to make maintenance operations of the finishing treatment on floors made using **Ultratop** easier.

Mapelux Opaca is a matt, metal-filled wax characterised by its high resistance to traffic and frequent cleaning, even if strong detergents are used.

Thanks to the product's double reticulation which binds all the components, the **Mapelux Opaca** film is easy to clean and marks and stains left by traffic may be removed by a simple washing cycle.

Mapelux Opaca is extremely fluid and is easy and quick to spread on the surface.

Mapelux Opaca must be applied in two criss-cross coats, to obtain good protection of the surface.

Spread the first coat of **Mapelux Opaca** uniformly using a special waxing tool. Once the first coat has completely dried, spread the second coat at right angles to the first coat.

Consumption
 50 g/m².

Packaging
 10 kg cans.



Mapefloor Maintenance Kit



Maintenance kit for the cleaning and maintenance of floors.

Mapefloor Maintenance Kit is a kit which contains a series of products for the cleaning and regular maintenance of floors, to guarantee their performance characteristics and attractive finish.

Mapefloor Maintenance Kit is particularly recommended for the maintenance of resin floors made using **Mapefloor System** inside civil, public and industrial environments. It is also suitable for the maintenance of the protective film on decorative floors made from **Ultratop**, including those mixed with **Dynastone Color** or natural aggregates inside civil environments, such as showrooms, shops and apartments.

Mapefloor Maintenance Kit is made up of the following products:

- **Mapelux Lucida** shiny double-reticulation, highly-resistant metallic wax, for protecting floors subject to particularly intense traffic.
- **Mapefloor Wax Remover** low-foaming, de-waxing, multi-action detergent for removing old layers of wax and double-reticulation metallic wax, such as **Mapelux Lucida** or **Mapelux Opaca**.
- **Mapefloor Cleaner ED** concentrated, low-foaming water-soluble detergent for daily cleaning operations.

Consumption
 please refer to the Technical Data Sheet for each product in the kit.

- Packaging**
Mapefloor Maintenance Kit is available in 20 kg kits:
- 2 x 5 kg canisters of **Mapefloor Cleaner ED**;
 - 1 x 5 kg canister of **Mapefloor Wax Remover**;
 - 1 x 5 kg canister of **Mapelux Lucida**.



Additix PE



Admixture for epoxy and polyurethane products to make them thicken and thixotropic.

Additix PE is a product for epoxy and polyurethane resins to make them thicken and thixotropic.

Additix PE is used to make epoxy and polyurethane resins thixotropic in order to: apply thick layers of paint on vertical surfaces, prepare shells and skirting, repair and smooth out defects and imperfections of concrete substrates.

Additix PE must be added, from 2% to 5% by weight of the resin to thicken, depending on the needed thickness or need of thixotropic property, to epoxy and polyurethane resins, after they have been completely mixed with their catalysers. Mix with a low speed drill fitted with a mixer until **Additix PE** is perfectly mixed in.

Consumption
 2-5% in weight by weight of the resins.

Packaging
 1 kg drums.



Ultratop



Ultra-quick setting self-levelling mortar based on special hydraulic binders, for abrasion-resistant floor coverings at a thickness from 5 to 40 mm.

Ultratop may remain on view as a finished floor surface, and is used inside industrial and civil buildings to form abrasion-resistant floors. Used neat, it is particularly recommended for floors in industrial warehouses, stock-rooms subject to traffic with rubber wheels, car-parks, shopping centres and shops. If polished, it is ideal for use inside civil buildings, such as showrooms, offices, shops, restaurants and flats. If mixed with **Dynastone Color** aggregates or with natural aggregates, **Ultratop** may be used to create floors similar to "Terrazzo alla Veneziana". The product is available in the following colours: light grey, white, beige, red, anthracite and standard. After preparation, which is carried out by mixing **Ultratop** with water, the mortar may be applied manually, or mechanically using a spray rendering machine, on clean surfaces which have been treated with a special primer. In the case of absorbent substrates, such as concrete, we recommend using **Primer G**, while **Mapeprim SP** is recommended for non-absorbent surfaces, such as ceramic or natural stone. Mixed surfaces may be further improved by priming with **Primer SN**, which may also be reinforced with **Mesh 320**. The abrasion-resistance of **Ultratop**, which is considerably high, may be further improved by applying a finishing treatment on the surface using **Mapecoat I 600 W**, **Mapefloor Finish 50** or **Mapefloor Finish 52 W**. These products, to which **Keraseal** may be added as a protective treatment after polishing, are indispensable to make **Ultratop** impermeable to water and oil. If high chemical resistance is required, after only 24-36 hours of applying **Ultratop**, the surface may be coated with **Mapefloor System** or protected with epoxy paint, such as **Mapecoat I 24**, **Mapecoat I 620 W** or **Mapefloor I 300 SL**.

Consumption

- **Ultratop** used pure: 16.5-17.5 kg/m² per cm of thickness;
- **Ultratop** mixed with **Dynastone Color** aggregates: 10 kg/m² per cm of thickness.

Packaging

25 kg bags.





MANCINELLI LOFT BUILDING - Tribiano (MI) - Italy
 Covering new concrete flooring with:
 MAPEFLOOR SYSTEM 33 (PRIMER SN, MAPEFLOOR I 300 SL,
 MAPECOLOR PASTE, 0.25 QUARTZ, 0.5 QUARTZ, MAPEFLOOR FINISH 51)

Dynastone Color



Coloured cementitious aggregates incorporated in the production of polished bricks and pre-cast panels for decorating floors and for elements used in urban design.

Dynastone Color artificial aggregates, are particularly suitable for decorative purposes in the conventional and pre-cast building sector and for decorative architectural solutions.

When mixed with a suitable cementitious or organic binder, **Dynastone Color** aggregates may be used to create floors, cladding panels or pre-cast elements.

When added to self-levelling systems such as **Ultratop**, **Dynastone Color** aggregates are ideal for creating decorative pavements such as "Venetian Terrazzo".

The mix is prepared by blending **Dynastone Color** with **Ultratop** in a cement mixer at a ratio of approximately 1:1 in weight and adding water at a rate of approximately 10% of the total weight of the mix.

The dry-polishing process which brings out the aesthetic effect of the assorted grain-sizes, colours and rounded shape of the **Dynastone Color** aggregates may be carried out within only a few days of applying the mix.

When sprinkled on loosely, **Dynastone Color** aggregates may be used as ornamental elements in internal and external environments when creating flower beds or pedestrian areas.

Dynastone Color aggregates are available in red, yellow, white, orange, brown, green and blue.

Consumption

when mixed with **Ultratop**: 10 kg/m² per cm of thickness.

Packaging

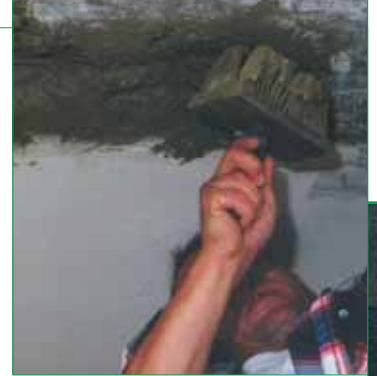
25 kg bags.



Repairing with cementitious mortars



Sewament 3 Primer



One-component cementitious mortar to be used as an adhesive primer before manually applying Sewament 10.

Sewament 3 Primer is used to improve the bonding of **Sewament 10** to the substrate when the repair work is carried out manually with a trowel or a float.

Sewament 3 Primer must always be used as a scratch coat when manually repairing:

- vaults, concrete and masonry walls and floors of sewerage systems;
- water purification plants;
- canals for collecting black water of zootechny industries.

Sewament 3 Primer is made up of special hydraulic binders, special selected graded aggregates, water retaining additives.

Sewament 3 Primer is resistant to the chemical aggression produced by sulphuric acid following the bacterial oxidation of the acid as the result of the anaerobic fermentation of civil and industrial liquids.

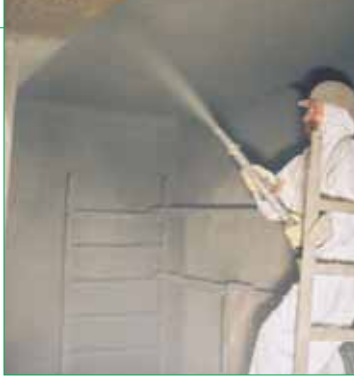
Sewament 3 Primer mixed with water becomes a fluid mortar, easily applied with a brush or sprayed on the concrete substrate previously saturated with water. Once hardened it ensures **Sewament 10**'s excellent bonding to the substrate. Apply **Sewament 10** onto the fresh surface of **Sewament 3 Primer**.

Consumption
approximately 1.8 kg/m² per mm of thickness.

Packaging
25 kg bags.



Sewament 10



One-component, fibre-reinforced, cementitious mortar for restoring and repairing sewerage systems.

Sewament 10 is used for the cortical restoration of damaged precast or placed concrete urban water purification system structures and sewerage systems.

Sewament 10 is made up of hydraulic binders, selected graded aggregates, special water retaining additives and synthetic fibres. **Sewament 10** is resistant to the chemical aggression produced by sulphuric acid following the bacterial oxidization of the acid as the result of the anaerobic fermentation of civil and industrial liquids.

Sewament 10 mixed with water becomes a thixotropic mortar, easily workable manually and with a spraying machine.

Sewament 10 can be applied, maximum 20 mm per layer, on the substrate which is sufficiently uneven (roughness not less than 5 mm). If the thickness needs to be more than 30 mm, it is essential to insert a reinforced net appropriately distanced from the substrate. Finish the surface with a sponge float or with a flat trowel. If **Sewament 10** is manually applied, always apply a **Sewament 3 Primer**, single-component cementitious mortar bonding enhancer, beforehand.

Consumption
approximately 18.5 kg/m² per cm of thickness.

Packaging
25 kg bags.



Sewament 40



Fast-setting and hardening one-component cementitious mortar for repairing and protecting sewerage systems. It can be applied manually or by dry spray.

Sewament 40 is used for the cortical restoration of damaged precast or placed concrete urban water purification system structures and sewerage systems.

Sewament 40 is made up of hydraulic binders, selected graded aggregates, special water retaining additives and synthetic fibres. **Sewament 40** is resistant to the chemical aggression produced by sulphuric acid following the bacterial oxidization of the acid as the result of the anaerobic fermentation of civil and industrial liquids.

Sewament 40 mixed with water becomes a thixotropic mortar, fast-setting and hardening, easily workable manually and with a dry spray machine. **Sewament 40** can be applied, maximum 20 mm per layer, on the substrate which is sufficiently uneven (roughness not less than 5 mm).

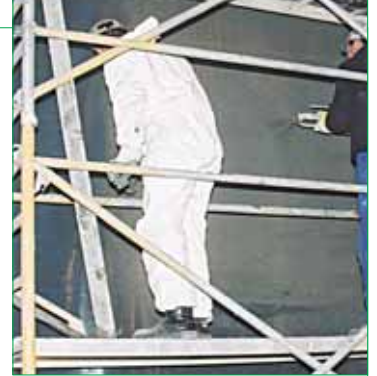
Thicker layers must be applied in several coats. If the thickness needs to be more than 30 mm, it is essential to insert a reinforced net appropriately distanced from the substrate. Finish the surface with a sponge float or with a flat trowel. At +10°C the surfaces repaired with **Sewament 40** are ready for use after 8 hours.

Consumption
approximately 18.7 kg/m² per cm of thickness.

Packaging
25 kg bags.



Sewament 100



Fibre-reinforced, acid-resistant, two-component, cementitious mortar for repairing and protecting sewerage systems. It can be applied manually or by wet spray.

Sewament 100 is used for the cortical restoration of damaged precast or placed concrete urban water purification system structures and sewerage systems.

Sewament 100 is made up of pozzolanic reacting hydraulic binders, selected graded aggregates, special water retaining additives, synthetic fibres and a liquid form component based on acrylic polymers in water dispersion.

Sewament 100 is resistant to the chemical aggression produced by sulphuric acid following the bacterial oxidization of the acid as the result of the anaerobic fermentation of civil and industrial liquids.

Sewament 100 mixed with water becomes a thixotropic mortar, fast-setting and hardening, easily workable manually and with a wet spray machine.

Sewament 100 can be applied, maximum 35 mm per layer, on the substrate which is sufficiently uneven (roughness not less than 5 mm). Thicker layers must be applied in several coats. If the thickness needs to be more than 30 mm, it is essential to insert a reinforced net appropriately distanced from the substrate. Finish the surface with a sponge float or with a flat trowel.

Consumption
approximately 21 kg/m² per cm of thickness.

Packaging
25 kg bags + 4.7 kg drums.

