

Systems for **resin**  
and **cementitious flooring**

MAPEFLOOR SYSTEM  
ULTRATOP SYSTEM





Pathways running between the houses - City Life - Milan - Products used in the system: MAPEFLOOR URBAN SYSTEM

# SYSTEMS FOR RESIN AND CEMENTITIOUS FLOORING

In the resin and cementitious-based flooring sector, Mapei has developed a wide range of technologically advanced systems which offer high standards of quality for each specific area of use, including public, private, industrial and civil applications. These standards are a guarantee for the final user of their characteristics of functionality, ease of maintenance and attractive finish.

Mapei's research laboratories have developed two main product groups: **Mapefloor System**, a complete range of epoxy and polyurethane systems, and **Ultratop System**, a self-levelling, quick-setting and quick-hardening cementitious system which, thanks to its versatility, may be used for installing both industrial and civil floors in a wide range of environments.

## INDEX

page 2	<b>EPOXY SYSTEMS</b>
page 2	<a href="#">Mapefloor System 31</a>
page 2	<a href="#">Mapefloor System 32</a>
page 3	<a href="#">Mapefloor System 33</a>
page 3	<a href="#">Mapefloor System 34</a>
page 4	<a href="#">Mapefloor System 51</a>
page 4	<a href="#">Mapefloor System 52</a>
page 5	<a href="#">Mapefloor System 53</a>
page 5	<a href="#">Mapefloor System 91</a>
page 6	<a href="#">Decor System 70</a>
page 6	<a href="#">Mapefloor I 320 SL CONCEPT</a>
pag. 7	<b>POLYURETHANE SYSTEMS FOR EXTERNAL USE</b>
pag. 7	<a href="#">Mapefloor Urban System</a>
page 8	<b>POLYURETHANE SYSTEMS FOR CAR PARKS</b>
page 8	<a href="#">Mapefloor Parking System HE</a>
page 8	<a href="#">Mapefloor Parking System ME</a>
page 9	<a href="#">Mapefloor Parking System ID</a>
page 10	<b>EPOXY SYSTEMS FOR CAR PARKS</b>
page 10	<a href="#">Mapefloor Parking System RLT</a>
page 10	<a href="#">Mapefloor Parking System RHT</a>
page 11	<b>POLYURETHANE/CEMENT-BASED SYSTEMS</b>
page 11	<a href="#">Mapefloor CPU/MF</a>
page 11	<a href="#">Mapefloor CPU/HD</a>
page 12	<a href="#">Mapefloor CPU/RT</a>
page 13	<b>CEMENTITIOUS-BASED SYSTEMS</b>
page 13	<a href="#">Ultratop System "natural effect"</a>
page 13	<a href="#">Ultratop System "polished effect"</a>
page 14	<a href="#">Ultratop System "Venetian terrazzo effect"</a>
page 15	<a href="#">References</a>
page 21	<a href="#">Selection table for cementitious and resin flooring installation</a>
page 23	<a href="#">Colour chart</a>

## Mapefloor System 31

Non-slip, multi-layer epoxy system, applied at a thickness from 0.8 to 1.2 mm, for floors with a vapour barrier subject to light/medium traffic and where high chemical resistance is required.

### Products required:

**Primer SN**

**Mapefloor I 300 SL**

**Mapecolor Paste**

**Quartz 0.5**

**Quartz 0.25**

### Mapei solution

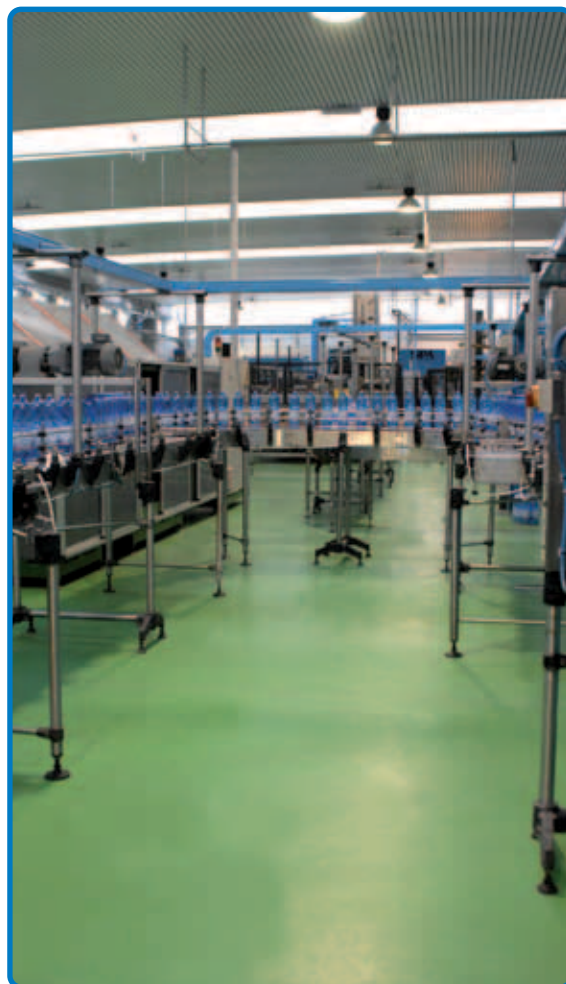
**Prepare** the substrate by grinding or shot-blasting, to guarantee the best performance of the **Mapefloor System 31** epoxy system. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**.

If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** **Primer SN** mixed with **Mapecolor Paste** and 4 kg of **Quartz 0.5** onto the substrate. Pour the product as mixed on the floor to be covered, and spread it out evenly using either a finishing trowel or smooth rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once **Primer SN** has hardened, remove excess sand and dust with a vacuum cleaner.

**Apply** **Mapefloor I 300 SL**, specially prepared by adding **Mapecolor Paste** and 5-6% by weight of **Quartz 0.25**. Spread on evenly and continuously using a medium-haired roller, making sure that the roller strokes cross over each other to obtain a defect-free surface.



2

## Mapefloor System 32

Non-slip, multi-layer epoxy system applied at a thickness from 3 to 3.5 mm, for floors with a vapour barrier subject to medium to heavy traffic and where high chemical resistance is required.

### Products required:

**Primer SN**

**Mapefloor I 300 SL**

**Mapecolor Paste**

**Quartz 0.5**

**Quartz 0.25**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding, to guarantee the best performance of the **Mapefloor System 32** epoxy system. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** **Primer SN** mixed with **Mapecolor Paste** and 4 kg of **Quartz 0.5** onto the substrate. Pour the product as mixed on the floor to be covered, and spread it out evenly using either a finishing trowel or smooth rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once **Primer SN** has hardened, remove excess sand with a vacuum cleaner.

**Apply** an intermediate layer of **Mapefloor I 300 SL**, prepared by adding **Mapecolor Paste** and about 40% by weight of **Quartz 0.5**. Spread the product as mixed evenly on the previous layer using either a finishing trowel or a smooth rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once the layer has hardened, remove excess sand with a vacuum cleaner, sand the surface and then remove all dust. Finish off using **Mapefloor I 300 SL** specially prepared by adding **Mapecolor Paste** and 5-6% by weight of **Quartz 0.25**.

**Apply** the mix uniformly and continuously using a medium-haired roller, making sure that the roll strokes cross over each other to obtain a defect-free surface.



## Mapefloor System 33

Self-levelling, epoxy system applied at a thickness from 2 to 4 mm for floors with a vapour barrier, for shopping centres, aseptic rooms, the food industry and in all those applications where work surfaces are not subject to frequent wetting.

### Products required:

**Primer SN**                    **Mapelux Lucida** or **Mapelux Opaca**  
**Mapefloor I 300 SL**        **(Mapefloor Filler)**  
**Mapecolor Paste**  
**Quartz 0.5**  
**Quartz 0.25**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding, to guarantee the best performance of the **Mapefloor System 33** epoxy system. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **MapegROUT** range (e.g. **MapegROUT SV**).

**Spread** **Primer SN** mixed with 4 kg of **Quartz 0.5** on the substrate. Pour the product as mixed on the floor to be covered, and spread it out evenly using either a finishing trowel or a smooth rake. While the product is still fresh, spread **Quartz 0.5** on the surface. If the surface is still porous after the first coat of primer, apply further smoothing layers of **Primer SN**, and a light sprinkling of **Quartz 0.5**.

Once **Primer SN** has hardened, remove excess sand with a vacuum cleaner.

**Finish** off using **Mapefloor I 300 SL**, specially prepared by adding **Mapecolor Paste** and **Quartz 0.25** (max. ratio 1 : 1 by weight). Spread the product as mixed evenly on the previous layer using either a finishing trowel or a "V" notched serrated rake. While the product is still fresh, immediately pass over the surface with a spike roller, to help completely eliminate any air entrapped in the product. If an opaque, slightly non-slip finish is required, the surface may be painted over within 24 hours using **Mapefloor Finish 58 W**, two-component, aliphatic polyurethane compound at a rate of 0.1 kg/m<sup>2</sup>. It is also possible to increase the non-slip effect by adding 5-10% by weight of **Mapefloor Filler** to **Mapefloor Finish 58 W**. For civil applications, we recommend treating the floor with either metallic **Mapelux Lucida** or **Mapelux Opaca** wax.



3

## Mapefloor System 34

Anti-dust and anti-oil epoxy treatment, obtained by painting at a thickness from 0.6 to 1 mm, on industrial floors with a vapour barrier.

### Products required:

**Mapefloor I 300 SL**  
**Mapecolor Paste**  
**(Mapefloor Filler)**

### Mapei solution

**Prepare** the substrate by sanding with a carborundum or a suitable abrasive disc, and remove residual dust with a vacuum cleaner. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **MapegROUT** range (e.g. **MapegROUT SV**).

**Apply** a first coat of **Mapefloor I 300 SL**, specially prepared by adding **Mapecolor Paste**. Apply the mix uniformly and continuously using a medium-haired roller, making sure that the roll strokes cross over each other to obtain a defect-free surface.

**Finish** off with a second coat of **Mapefloor I 300 SL**, specially prepared by adding **Mapecolor Paste**. Apply the mix uniformly and continuously using a medium-haired roller, making sure that the roll strokes cross over each other to obtain a defect-free surface. If a slightly non-slip finish is required, add 5-10% by weight of **Mapefloor Filler** to the final coat of **Mapefloor I 300 SL**.



## Mapefloor System 51

Non-slip, multi-layer epoxy system applied at an average thickness of 3 mm, also suitable for floors without a vapour barrier subject to medium-light traffic and where only low chemical resistance is required.

### Products required:

**Mapefloor I 500 W**

**Mapecolor Paste**

**Quartz 0.5**

### Mapei solution

**Preparation** of the substrate by shot-blasting. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 500 W**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Mapecoat I 600 W**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**). Before applying the product, wet the surface to be treated, taking care not to form puddles or to leave standing water.

**Spread Mapefloor I 500 W** on the substrate as a primer, mixed with **Mapecolor Paste** and 2 litres of water. Pour the mix as prepared onto the floor to be covered, and spread it out evenly and uniformly using a finishing trowel or a notched rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once **Mapefloor I 500 W** has hardened, remove excess sand using an industrial vacuum cleaner, sandpaper the surface and remove residual dust with a vacuum cleaner.

**Finish** off using **Mapefloor I 500 W**, specially prepared by adding **Mapecolor Paste** and 2 litres of water. Lay the product uniformly and continuously using a finishing trowel or a smooth rake, and where required, pass over the surface with a medium-haired roller to create an even more uniform finish.



4

## Mapefloor System 52

Non-slip, multi-layer epoxy system applied at an average thickness of 5 mm, also suitable for floors without a vapour barrier subject to medium-heavy traffic, and where only low chemical resistance is required.

### Products required:

**Mapefloor I 500 W**

**Mapecolor Paste**

**Quartz 0.5**

### Mapei solution

**Prepare** the substrate by shot-blasting, being careful to not go too deep down into the substrate. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 500 W**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Mapecoat I 600 W**.

If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

Before applying the product, wet the surface to be treated, taking care not to form puddles or to leave standing water.

**Spread Mapefloor I 500 W** on the substrate as a primer, mixed with **Mapecolor Paste** and 2 litres of water. Pour the mix onto the floor to be covered, and spread it out evenly and uniformly using a finishing trowel or a notched rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once **Mapefloor I 500 W** has hardened, remove excess sand using an industrial vacuum cleaner.

**Apply** an intermediate layer of **Mapefloor I 500 W**, prepared by adding **Mapecolor Paste** and 2 litres of water. Lay the product as mixed evenly on the layer prepared previously, using a finishing trowel or a notched rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

Once hardened, remove excess sand using an industrial vacuum cleaner, sandpaper the surface and remove residual dust with a vacuum cleaner.

**Finish** off with **Mapefloor I 500 W**, specially prepared by adding **Mapecolor Paste** and 2 litres of water. Lay the product uniformly and continuously using a finishing trowel or a smooth rake, and where required pass over the surface with a medium-haired roller to create an even more uniform surface.



## Mapefloor System 53

Self-levelling, solvent-free epoxy system applied at an average thickness of 4 mm, also suitable for floors without a vapour barrier in shopping centres, aseptic rooms, the food industry and the pharmaceutical industry.

### Products required:

**Mapecoat I 600 W**

**Mapefloor I 500 W**

**Mapecolor Paste**

**Quartz 0.5**

**Mapelux Lucida** or **Mapelux Opaca**

**(Mapefloor Filler)**

### Mapei solution

**Prepare** the substrate by shot-blasting, being careful to not go too deep down into the substrate. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 500 W**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Mapecoat I 600 W**.

If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

Before application spread **Mapecoat I 600 W** on the substrate, diluted with water up to a maximum ratio of 1 : 1. Pour the mix onto the floor to be covered, and spread it out evenly and uniformly using a medium-haired roller.

While the product is still fresh, spread on a light layer of **Quartz 0.5**.

**Finish** using **Mapefloor I 500 W**, specially prepared by adding **Mapecolor Paste** and 2 litres of water. Lay the product uniformly and continuously with a finishing trowel or a notched rake, and immediately pass over the surface with a spike roller to help completely eliminate any air entrapped in the product. To increase the abrasion resistance of **Mapefloor System 53** we recommend applying a coat of **Mapefloor Finish 50 N** or **Mapefloor Finish 52 W**. It is also possible to give a slightly non-slip finish to the system by adding 5% by weight of **Mapefloor Filler** to **Mapefloor Finish 50 N** or to **Mapefloor Finish 52 W**.

For civil applications, we recommend treating the floor with either metallic **Mapelux Lucida** or **Mapelux Opaca** wax.



5

## Mapefloor System 91

Renovation of old floors subject to heavy traffic where high chemical resistance is required, by means of an epoxy mortar layer with a consistency similar to a mortar screed, applied by trowel at a thickness between 6 and 15 mm.

### Products required:

**Primer SN**

**Mapeflex PU30**

**Quartz 1.9**

**Mapefloor I 900**

**Mapeflex PU40**

**Quartz 0.5**

**Mapefloor I 300 SL**

**Mapeflex PU45**

**Quartz 0.25**

### Mapei solution

**Prepare** the substrate by milling or shot-blasting, and remove residual dust with a vacuum cleaner. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 900** mixed with **Quartz 0.5**, according to the width and depth of the defects and cracks. If the substrate needs to be consolidated, use either **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor I 900** mixed with **Quartz 1.9**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** the specially prepared **Primer SN** on the substrate using a medium-haired roller. The successive layers of mortar must be laid on the primer while still wet.

**Apply** **Mapefloor I 900** mortar with a consistency similar to a mortar screed, prepared beforehand by adding a package of resin to 180 kg of **Quartz 1.9**.

**Spread** the mix using rakes, 8 mm templates and an aluminium straight edge.

**Smooth** over the surface using a special vibro-compactor while the mortar is still wet.

**Apply a first** smoothing layer of **Mapefloor I 300 SL**, prepared by adding **Mapecolor Paste** and 20-25% by weight of **Quartz 0.25**. Spread the product on the previous layer and smooth down to a feather edge with a finishing trowel or a smooth rake.

Use a clipper to cut the distribution and expansion joints, following the same layout as the existing ones. Then seal the intermediate joints using **Mapelux PU45** or **Mapelux PU30**. Seal the expansion joints, using **Mapelux PU40**.

**Apply a second** smoothing layer after a maximum of 12 hours, using **Mapefloor I 300 SL** prepared by adding **Mapecolor Paste** and about 60% by weight of **Quartz 0.25**. Spread the product and smooth off down to a feather edge using a finishing trowel or a smooth rake.

**Finish** using **Mapefloor I 300 SL**, prepared by adding **Mapecolor Paste** and about 10% by weight of **Quartz 0.5**. Spread on evenly and continuously using a medium-haired roller, making sure that the roller strokes cross over each other to obtain a defect-free surface.



## Decor System 70

Creating floors with a trowelled or mottled finish in internal environments such as homes, showrooms and shops, obtained by applying a solvent-free, epoxy resin-based system.

### Products required:

**Primer SN**

**Quartz 0.5**

**Mapefloor Decor 700**

**Mapecolor Paste**

**Mapefloor Finish 58 W** or **Mapefloor Finish 53 W/L**

**Mapelux Lucida** or **Mapelux Opaca**

**(Mapefloor I 300 SL TRP)**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding, to guarantee the best performance from the **Decor System 70** epoxy system. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip** or **Primer SN**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** **Primer SN** mixed with **Mapecolor Paste** and 4 kg of **Quartz 0.5** on the substrate. Pour the product as mixed on the floor to be covered, and spread it out evenly using either a finishing trowel or a smooth rake. While the product is still fresh, spread **Quartz 0.5** on the surface. If the surface is still porous after the first coat of primer, apply further smoothing layers of **Primer SN**.

Once **Primer SN** has hardened, remove excess sand with a vacuum cleaner, sandpaper the surface and remove all remaining dust.

**Finish** using **Mapefloor Decor 700**, specially prepared by adding **Mapecolor Paste**. Spread on the product in a number of coats and strokes with a finishing trowel to obtain the finished effect required. To improve the product's resistance to scoring, apply either **Mapefloor Finish 53 W/L** or **Mapefloor Finish 58 W** on the surface of the **Mapefloor Decor 700** within 24 hours of its application. For civil applications, we recommend treating the floor with either metallic **Mapelux Lucida** or **Mapelux Opaca** wax.

**Mapefloor I 300 SL TRP** may be used as an alternative to the finishing products described above, at the maximum thickness of 1.5 mm, to give the surface a lens-type finish.



## Mapefloor I 320 SL CONCEPT

Self-levelling epoxy system with a granular effect, to create floors which are resistant to abrasion. Available in a variety of colours.

### Products required:

**Primer SN**

**Mapecolor Paste**

**Mapefloor I 320 SL CONCEPT**

**Quartz 0.5**

### Mapei solution

**Prepare** the substrate by grinding or shot-blasting, to guarantee the best performance from the **Mapefloor I 320 SL CONCEPT** epoxy system.

Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip** or **Primer SN**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19**, or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** the first coat of **Primer SN** mixed with 4 kg of **Quartz 0.5** on the substrate. Pour the product as mixed on the floor to be covered, and spread it out evenly using either a finishing trowel or a smooth rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

**Remove excess quartz.** Once **Primer SN** has hardened, remove the excess sand and all residual dust with a vacuum cleaner.

**Spread** on the second coat of **Primer SN** with **Mapecolor Paste** admix (choose a colour similar to the final colour required). Pour the product as mixed on the floor to be coated, and spread it out evenly using either a finishing trowel or a smooth rake. While the product is still fresh, apply a layer of **Quartz 0.5**.

**Remove excess quartz.** Once **Primer SN** has hardened, remove the excess sand and all residual dust with a vacuum cleaner.

**Apply the finishing layer,** by spreading on a layer of at least 2 mm of specially prepared **Mapefloor I 320 SL CONCEPT**, making sure that the product is distributed evenly and continuously using a finishing trowel.





## Mapefloor Urban System

One-component, solvent-free, transparent, aliphatic polyurethane-based drainage coating mixed with dry natural aggregates in a granulometric curve of 2-4 mm or 4-8 mm to form coatings with high resistance to wear and UV-resistant and to create decorative external floors in a limitless range of coloured effects.

### Products used for the system:

#### Mapefloor Binder 930

#### Mapei solution

**Prepare** the substrate by shot-blasting or with diamond grinding wheel equipment and vacuum off all traces of dust.

Surfaces to be coated with this product must be sound, perfectly clean and dry and have no capillary rising damp (maximum moisture content 4%). Any cement laitance present on the surface to be treated must be removed using mechanical means. Remove all traces of dust, grease and form-release oil before applying the aggregates/**Mapefloor Binder 930** mixture. Repair cracks in the substrate by filling them with **Eporip** and repair any damaged or deteriorated areas of the concrete with **Mapefloor EP19**.

**Spread** an even coat of **Mapecoat I 600 W** diluted 1:0.5 with water on the surface to be treated with a medium hair roller. While the product is still wet slightly broadcast the surface with **Quartz 0.5**.

**Prepare** the mixture of **Mapefloor Binder 930** and dry aggregates (natural stone, crushed marble, quartz, etc.) in a granulometric curve of 2-4 mm or 4-8 mm at a binder/aggregates ratio of 1:20.

Spread on the mixture using rakes and straight-edges and compact the mix with a smooth, flat trowel and/or a mechanical power trowel (helicopter).

Apply the mixture at a temperature of +8°C to +30°C.



## Mapefloor Parking System HE

Multi-layer, highly flexible, UV-resistant polyurethane system with 100% solids content compliant with the requirements of Class OS 11a (EN 1504-2) for coating road surfaces in indoor and outdoor car parks. Total thickness 3 to 3.5 mm.

### Products used:

<b>Primer SN</b>	<b>Mapecolor Paste</b>	<b>Quartz 0.25</b>
<b>Mapefloor PU 400</b>	<b>Mapefloor Finish 451</b>	<b>Quartz 0.5</b>
<b>Mapefloor PU 410</b>		

### Mapei solution

**Prepare** the substrate by grinding or shot-blasting to guarantee the best performance from the **Mapefloor Parking System HE** polyurethane system. Any defects present, such as holes, pitting, cracking, etc. must be repaired beforehand using either **Eporip** or **Primer SN**, according to the width and depth of the defects and cracks. Where required, consolidation operations must be carried out using **Primer MF** or **Primer EP**. If there are either large hollows or highly deteriorated areas present, they must be repaired using **Mapefloor EP19** or with one of the products from the **Mapegrout** range (e.g. **Mapegrout SV**).

**Spread** **Primer SN** mixed with 4 kg of **Quartz 0.5** on the substrate. Pour the product as mixed on the floor to be covered and spread it out evenly using either a smooth trowel or a smooth rake. While the product is still fresh, fully sprinkle on a layer of **Quartz 0.5**.

**Remove** excess sand with a vacuum cleaner once **Primer SN** has hardened.

**Apply** a flexible intermediate layer of **Mapefloor PU 400** prepared by adding **Mapecolor Paste** and 20-30% by weight of **Quartz 0.25**. Spread the mix evenly on the previous layer using a notched trowel, and while the product is still fresh, pass over the surface with a spike roller. Sprinkle on a thin layer of **Quartz 0.5**.

**Apply** a medium-flexibility intermediate layer of **Mapefloor PU 410** prepared by adding **Mapecolor Paste** (1.4 kg of **Mapecolor Paste** for each confection of **Mapefloor PU 410**) and 30% by weight of **Quartz 0.25**. Spread the mix evenly on the previous layer using a smooth trowel, and while the product is still fresh, pass over the surface with a spike roller. Saturate the product as soon as it has been applied with 0.1-0.5 mm or 0.3-0.9 mm quartz sand, according to the degree of non-slip finish required.

**Remove** any excess sand with a vacuum cleaner once **Mapefloor PU 410** has hardened, sand the surface and remove the dust with a vacuum cleaner.

**Finishing** the surface with a coat of **Mapefloor Finish 451**. Spread evenly with a rubber or steel trowel to form a seamless layer. If required, finish off the surface with a medium-haired roller, making sure that the roller strokes cross over each other to obtain a more even surface.



8

## Mapefloor Parking System ME

Multi-layered, flexible polyurethane system with 100% solids content compliant with the requirements of Class OS 11b (EN 1504-2) for coating road surfaces in indoor and outdoor car parks. Total thickness 2.5 to 3 mm.

### Products used:

<b>Primer SN</b>	<b>Mapefloor Finish 451</b>	<b>Quartz 0.5</b>
<b>Mapefloor PU 400</b>	<b>Mapecolor Paste</b>	<b>Quartz 0.25</b>

### Mapei solution

**Prepare** the substrate by grinding or shot-blasting, to guarantee the best performance from the **Mapefloor Parking System ME** polyurethane system. Any defects present on the surface, such as holes, pitting, cracking, etc., must be repaired beforehand using either **Eporip** or **Primer SN**, depending on the width and depth of the defects and cracks.

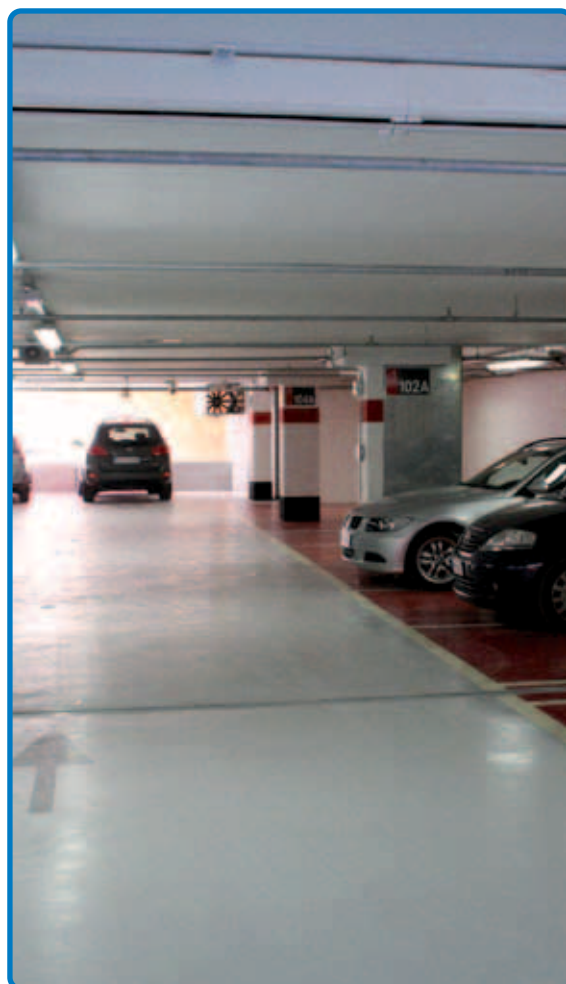
If the substrate needs to be consolidated, use **Primer MF** or **Primer EP**. If deep hollows or highly deteriorated areas are present on the surface, repair these areas with **Mapefloor EP 19** or with one of the products from the **Mapegrout** range (such as **Mapegrout SV**).

**Spread** **Primer SN** mixed with 4 kg of **Quartz 0.5** on the substrate. Pour the mix on the floor to be coated and spread it out in an even coat with a smooth trowel or smooth rake. Fully sprinkle the surface with **Quartz 0.5** while the product is still wet.

**Remove** excess sand with a vacuum cleaner once **Primer SN** has hardened.

**Apply** an intermediate layer of **Mapefloor PU 400** mixed with **Mapecolor Paste** and 20-30% by weight of **Quartz 0.25**. Spread the mix evenly over the previous coat using a notched trowel. While the mix is still wet, fully sprinkle the surface with an even layer of **Quartz 0.5** or 0.3-0.9 mm or 0.7-1.2 mm quartz sand depending on the degree of non-slip finish required (approximately 4-6 kg/m<sup>2</sup>). When the mix has hardened, remove all excess sand with an industrial vacuum cleaner.

**Finish** the surface with a coat of **Mapefloor Finish 451**. Spread the mix evenly with a medium-haired roller or down to a feather edged with a smooth rubber or steel trowel to form a seamless coat. If required, finish off the surface with a short-haired roller, making sure that the roller strokes cross over each other to obtain a more even surface.



## Mapefloor Parking System ID

Multi-layered, flexible polyurethane system with 100% solids content compliant with the requirements of Class OS 13 (EN 1504-2) for coating road surfaces in indoor car parks.

Total thickness 2-2.5 mm.

### Products used:

**Primer SN**

**Mapefloor Finish 415**

**Quartz 0.5**

**Mapefloor PU 400**

**Mapecolor Paste**

**Quartz 0.25**

### Mapei solution

**Prepare** the substrate by grinding or shot-blasting to guarantee the best performance from the **Mapefloor Parking System ID** polyurethane system. Any defects present on the surface, such as holes, pitting, cracking, etc., must be repaired beforehand using either **Eporip** or **Primer SN**, depending on the width and depth of the defects and cracks. If the substrate needs to be consolidated, use **Primer MF** or **Primer EP**. If deep hollows or highly deteriorated areas are present on the surface, repair these areas with **Mapefloor EP 19** or with one of the products from the **Mapegrout** range (such as **Mapegrout SV**).

**Spread** **Primer SN** mixed with 4 kg of **Quartz 0.5** on the substrate. Pour the mix on the floor to be coated and spread it out in an even coat with a smooth trowel or smooth rake. Broadcast the surface with **Quartz 0.5** while the product is still wet.

**Remove** excess sand with a vacuum cleaner once **Primer SN** has hardened.

**Apply** an intermediate layer of **Mapefloor PU 410** mixed with **Mapecolor Paste** and 30% by weight of **Quartz 0.25**. Spread the mix evenly over the previous coat using a notched trowel. While the mix is still wet, fully sprinkle the surface with an even layer of **Quartz 0.5** or 0.3-0.9 mm or 0.7-1.2 mm quartz sand depending on the degree of non-slip finish required (approximately 4-6 kg/m<sup>2</sup>). When the mix has hardened, remove all excess sand with an industrial vacuum cleaner.

**Finish** the surface with a coat of **Mapefloor Finish 415**. Spread the mix evenly with a medium-haired roller or down to a feather edged with a smooth rubber or steel trowel to form a seamless coat. If required, finish off the surface with a short-haired roller, making sure that the roller strokes cross over each other to obtain a more even surface.



## Mapefloor Parking System RLT

Multi-layered, seamless, non-slip epoxy system with 100% solids content compliant with the requirements of Class OS 8 (EN 1504-2) for coating road surfaces in car parks subjected to light traffic.

Total thickness 0.8 to 1.2 mm.

### Products used:

**Primer SN**                      **Quartz 0.25**  
**Mapefloor I 300 SL**        **Quartz 0.5**  
**Mapecolor Paste**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding to guarantee the best performance from the **Mapefloor Parking System RLT** epoxy system. Any defects present on the surface, such as holes, pitting, cracking, etc., must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, depending on the width and depth of the defects and cracks. If the substrate needs to be consolidated, use **Primer MF** or **Primer EP**. If deep hollows or highly deteriorated areas are present on the surface, repair these areas with **Mapefloor EP 19** or with one of the products from the **Mapegrout** range (such as **Mapegrout SV**).

**Spread** **Primer SN** mixed with **Mapecolor Paste** and 4 kg of **Quartz 0.5** on the substrate. Pour the mix on the floor to be coated and spread it out in an even coat with a smooth trowel or smooth rake. Fully sprinkle the surface with **Quartz 0.5** while the product is still wet.

**Remove** excess sand with a vacuum cleaner once **Primer SN** has hardened.

**Apply** a coat of **Mapefloor I 300 SL** mixed with **Mapecolor Paste** and 0.5 kg of **Quartz 0.25**.

**Spread** the mix evenly with a medium-haired roller to form a seamless layer, making sure that the roll strokes cross over each other to obtain a defect-free surface.



10

## Mapefloor Parking System RHT

Multi-layered, seamless, non-slip epoxy system with 100% solids content compliant with the requirements of Class OS 8 (EN 1504-2) for coating road surfaces in car parks subjected to intense traffic.

Total thickness 3-3.5 mm.

### Products used:

**Primer SN**                      **Quartz 0.25**  
**Mapefloor I 300 SL**        **Quartz 0.5**  
**Mapecolor Paste**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding to guarantee the best performance from the **Mapefloor Parking System RHT** epoxy system. Any defects present on the surface, such as holes, pitting, cracking, etc., must be repaired beforehand using either **Eporip**, **Primer SN** or **Mapefloor I 300 SL**, depending on the width and depth of the defects and cracks. If the substrate needs to be consolidated, use **Primer MF** or **Primer EP**. If deep hollows or highly deteriorated areas are present on the surface, repair these areas with **Mapefloor EP 19** or with one of the products from the **Mapegrout** range (such as **Mapegrout SV**).

**Spread** **Primer SN** mixed with **Mapecolor Paste** and 4 kg of **Quartz 0.5** on the substrate. Pour the mix on the floor to be coated and spread it out in an even coat with a smooth trowel or smooth rake. Fully sprinkle the surface with **Quartz 0.5** while the product is still wet.

**Remove** excess sand with a vacuum cleaner once **Primer SN** has hardened.

**Apply** an intermediate layer of **Mapefloor I 300 SL** mixed with **Mapecolor Paste** and about 40% by weight of **Quartz 0.5**. Spread the mix evenly over the previous coat using either a smooth trowel or a smooth rake. Fully sprinkle the surface with **Quartz 0.5** while the product is still wet.

**Remove** excess sand with a vacuum cleaner, sand the surface and remove all traces of dust. **Apply** a finishing coat of **Mapefloor I 300 SL** mixed with **Mapecolor Paste** and of **Quartz 0.25** in the ratio of 5-6% by weight.

**Spread** the mix evenly with a medium-haired roller to form a seamless layer, making sure that the roll strokes cross over each other to obtain a defect-free surface.



## Mapefloor CPU/MF

Polyurethane/cement-based system formulated with high resistance to chemicals, applied at a thickness from 3 to 6 mm. Ideal for floors in the chemical industry, pharmaceutical and food industry (sugar processing and mineral water bottling plants), the textiles industry and in the water treatment sector.

### Products required:

**Primer SN**

**Quartz 0.5**

**Mapefloor CPU/MF**

### Mapei solution

**Prepare** the substrate by heavy-gauge shot-blasting or milling and the creation of grooves close to and around the vertical elements and, if present, any drainage holes. Remove residual dust with a vacuum cleaner.

**Spread Primer SN** mixed at a ratio of 1:0.4 with **Quartz 0.5** on the substrate using a smooth trowel, followed by a sprinkling of **Quartz 0.5** on the primer while still fresh.

Once the primer has hardened, **remove** excess sand, sandpaper the surface and remove residual dust using an industrial vacuum cleaner.

**Prepare Mapefloor CPU/MF** by pouring components A and B into a large container and blend together with a drill with a mixing attachment at low speed. Slowly add component C and keep mixing. Then add **Mapecolor CPU** powered colouring agent and continue mixing until an even coloured mix is obtained.

**Spread Mapefloor CPU/MF** over the floor, taking care to distribute the product homogeneously and evenly with a notched, smooth trowel or a rake with spacers.



## Mapefloor CPU/HD

Polyurethane/cement-based formulate, with high mechanical strength and resistance to chemicals. Applied at a thickness from 6 to 9 mm, it is ideal for floors subject to heavy traffic, high chemical attack and subject to high thermal shock, such as storage warehouses, production facilities in the food, chemical and pharmaceutical industries.

### Products required:

**Mapefloor CPU/HD**

### Mapei solution

**Prepare** the substrate by milling and the creation of anchoring grooves close to and around the vertical areas and, if present, any drainage holes. Mark out a diagonal line on the surface of the floor to be covered, and cut along the line to a depth of approximately 2 cm. Remove residual dust with a vacuum cleaner.

**Prepare Mapefloor CPU/HD** by pouring components A and B into a large container and blend together with a drill with a mixing attachment at low speed. Slowly add component C and keep mixing. Then add **Mapecolor CPU** powered colouring agent and continue mixing until an even coloured mix is obtained.

**Spread Mapefloor CPU/HD** over the floor, taking care to distribute the product homogeneously and evenly with a notched, smooth trowel.



## Mapefloor CPU/RT

High strength, easy-to-apply, polyurethane/cement based formulate with high mechanical strength and high resistance to chemicals applied in layers from 6 to 9 mm thick. Ideal for floors subjected to heavy traffic, high chemical aggression and thermal shock such as storage areas and production areas in the foodstuffs, chemical and pharmaceutical industries.

### Products required:

#### Mapefloor CPU/RT

#### Mapei solution

**Prepare** the substrate by milling the surface and creating anchoring grooves in proximity to vertical elements and, if present, drainage holes. Mark out a diagonal line on the surface of the floor to be coated and cut a groove around 2 cm deep along the line. Remove traces of dust with a vacuum cleaner.

**Prepare Mapefloor CPU/RT** by pouring components A and B into a large container and blend together with a drill with a mixing attachment at low speed. Slowly add component C and keep mixing. Then add **Mapecolor CPU** powered colouring agent and continue mixing until an even coloured mix is obtained.

**Spread Mapefloor CPU/RT** over the floor, taking care to distribute the product homogeneously and evenly with a notched, smooth trowel.



## Ultratop System “natural effect”

Formation and repair of the functionality of floors used in industry, shopping centres and supermarkets by spreading self-levelling, abrasion-resistant, ultra fast-setting cementitious mortar at a thickness between 5 and 40 mm.

The system is also suitable for creating internal cementitious floors in civil environments.

### Products required:

**Primer SN** or **Primer G** or **Mapeprim SP Ultratop**

Finishing of the **Mapefloor Finish** range

**Mapelux Lucida** or **Mapelux Opaca** (**Mapefloor Filler**)

### Mapei solution

**Prepare** the substrate by shot-blasting or milling, and remove residual dust with a vacuum cleaner. If the substrate is damaged or cracked, it must be repaired using **Eporip** or **Epojet** followed by a sprinkling **Quartz 0.5**.

**Prime** concrete and/or ceramic or stone surfaces with **Primer SN**. If necessary, reinforce the primer with **Mesh 320** (glass fibre mesh) and fully sprinkle **Quartz 1.2** on the primer while it is still “fresh”. After application, leave **Primer SN** to dry for 12-24 hours, according to the surrounding temperature. Before casting **Ultratop**, remove excess sand with a vacuum cleaner.

In alternative to **Primer SN**, absorbent concrete substrates may be primed with 2-3 coats of **Primer G**: dilute the first coat with water at a ratio of 1:1 and the second and third coats at a ratio of 1:1 to 1:2 (according to the absorbency of the substrate). Surfaces which are not absorbent, such as ceramic or natural stone, may be treated with a coat of **Mapeprim SP** after cleaning the surface with a suitable detergent and abrading it mechanically, such as by grinding.

Spread on **Ultratop** before **Mapeprim SP** has completely hardened.

**Spread Ultratop**, preferably blended using a worm-screw mixer, and then level off with a metal trowel or smooth rake.

**Apply** a finishing coat using a product from the **Mapefloor Finish** range. Contact MAPEI Technical Services Department for advice on choosing the most suitable product.

For civil applications, wax the surface with metallic wax such as **Mapelux Lucida** or **Mapelux Opaca** after applying the finishing coat.



13

## Ultratop System “polished effect”

Creation of polished floors by applying a 10-40 mm thick layer of self-levelling, ultra-fast setting cementitious mortar in civil environments such as showrooms, shops, restaurants, apartments and shopping centres. The system guarantees perfectly flat, smooth surfaces that reflect the light.

### Products required:

**Primer SN** or **Primer G** or **Mapeprim SP Ultratop**

**Ultratop Stucco**

**Mapecrete Stain Protection**

**Mapelux Lucida** or **Mapelux Opaca**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding and remove traces of dust with a vacuum cleaner. If the substrate is damaged or cracked, it must be repaired using **Eporip** or **Epojet** followed by a sprinkling of **Quartz 0.5**.

**Prime** the surface of concrete and/or ceramic or natural stone with **Primer SN** reinforced with **Mesh 320** (glass fibre mesh) where required, then fully sprinkle the surface with **Quartz 1.2** while the primer is still wet. After application leave **Primer SN** to dry for 12-24 hours, depending on the surrounding temperature. Before pouring **Ultratop** remove excess sand with a vacuum cleaner. In alternative to **Primer SN** absorbent concrete substrates may be primed with 2-3 coats of **Primer G**: dilute the first coat 1:1 with water and the second and third coats from 1:1 to 1:2 (depending on the absorbency of the substrate). Non-absorbent surfaces such as ceramic or natural stone, on the other hand, may be treated with a coat of **Mapeprim SP** after cleaning the surface with a suitable detergent and abrading it mechanically, such as by grinding.

Spread on **Ultratop** before **Mapeprim SP** has fully hardened.

**Spread on Ultratop**, preferably blended using a worm-screw mixer, and then level off with a metal trowel or smooth rake.

Dry polish the surface (around 2 days after applying **Ultratop**) using a diamond grinding disk. Grout any pin holes that form in the surface after the first phases of the treatment cycle with **Ultratop Stucco**. Wait until **Ultratop Stucco** is completely dry (approximately 24 hours) before completing the polishing operations.

**Apply** a coat of **Mapecrete Stain Protection**, a specific water and oil-repellent treatment. Wax the surface using a metallic wax such as **Mapelux Lucida** or **Mapelux Opaca** after the treatment.



## Ultratop System “Venetian terrazzo effect”

Creation of polished floors with a “Venetian Terrazzo” effect by applying a 15-40 mm thick layer of self-levelling, ultra-fast setting cementitious mortar mixed with natural aggregates in civil environments such as shopping centres, showrooms, schools, museums, theatres, shops, offices, apartments, etc.

### Products required:

**Primer SN**

**Ultratop**

**Ultratop Stucco**

**Mapecrete Stain Protection**

**Mapelux Lucida** or **Mapelux Opaca**

### Mapei solution

**Prepare** the substrate by shot-blasting or grinding and remove traces of dust with a vacuum cleaner. If the substrate is damaged or cracked, it must be repaired using **Eporip** or **Epojet** followed by a sprinkling of **Quartz 0.5**.

**Prime** the surface of concrete and/or ceramic or natural stone with **Primer SN** reinforced with **Mesh 320** (glass fibre mesh) where required, then fully sprinkle the surface with **Quartz 1.2** while the primer is still wet. After application leave **Primer SN** to dry for 12-24 hours, depending on the surrounding temperature. Before pouring **Ultratop** remove excess sand with a vacuum cleaner.

**Apply** a coat of **Mapefloor I 910** adhesion promoter on the primed substrate with a short-haired roller and prepare the mix of **Mapefloor I 910** and natural aggregates (minimum particle size 0.8 cm) at a ratio of around 1:20 by weight in a cement mixer.

**N.B.:** This ratio may be used for aggregates with a particle size of 0.8 to 1.5 cm. For particles larger than 1.5 cm, we recommend carrying out preliminary tests. Blend together for a few minutes and pour the mix onto the surface just after **Mapefloor I 910** application (spread the mix while **Mapefloor I 910** is still wet). Compact the mix immediately after spreading with a flat trowel or a vibro-compact. Leave it to harden for at least 24 hours (at +20-23°C). Lower temperatures lead to longer hardening times. Prepare **Ultratop** and apply the fresh mortar over the surface of the hardened aggregates, making sure that all the gaps between the aggregates are completely filled. Carry out this operation with the help of a rubber trowel or spreader to help the mortar penetrate into the prepared substrate.

Dry polish the surface (around 2 days after applying **Ultratop**) using a diamond grinding disk. Grout any pin holes that form in the surface after the first phases of the treatment cycle with **Ultratop Stucco**. Wait until **Ultratop Stucco** is completely dry (approximately 24 hours) before completing the polish operations.

**Treat** the surface with **Mapecrete Stain Protection** and then wax the surface using a metallic wax such as **Mapelux Lucida** or **Mapelux Opaca**.





Gargiulo oil mill - Sant'Agnello (Naples) - Italy  
Products required: **Mapefloor System 32**



Tyres Showroom Supergumi - Nagytarcsa - Hungary  
Products required: **Ultratop System "polished effect"**



Hotel Les Fleurs - Sofia - Bulgaria  
Products required: **Decor System 70**

Barry Callebaut Company - Perugia - Italy  
Products required: **Mapefloor System 53**

Enzo Ferrari Museum - Modena - Italy  
Products required: **Mapefloor I 500 W**



Multikino Cinema - Gdynia - Poland  
Products required: **Mapefloor System 33**



Via Larga Shopping Centre - Boulogne - Italy  
Products required: **Mapefloor I 300 SL**  
"Venetian terrazzo effect"

Ipercoop Le Maioliche Shopping Centre-Faenza (Ravenna) - Italy  
Products required: **Ultratop System "natural effect"**

San Patrignano Wine Cellars Ospedaletto di Rimini (Rimini) - Italy  
Products required: **Mapefloor CPU/HD**



Red Hot World Buffet Restaurant - Nottingham - UK  
Products required: **Ultratop System "natural effect"**



San Sepolcro Hospital (AR) - Italy  
Products required: **Mapefloor I 320 SL CONCEPT**



Merck Serono - pharmaceutical warehouse - Modugno (BA)  
Products required: **Mapefloor System 33**

Componenti Faist Works - Montone (Perugia) - Italy  
Products required: **Mapefloor System 33**  
**Mapefloor System 34**



Helicopter rescue Niguarda Hospital - Milan - Italy  
Products required: **Mapefloor Parking System**



OGR Shed - Foligno (Perugia) - Italy  
Products required: **Mapefloor System 31**  
**Mapefloor System 91**

Salvaterra Dairy - Salvaterra (Reggio Emilia)  
Products required: **Mapefloor CPU/HD**

Xiamen Zijin Garden - China  
Products required: **Mapefloor System 32**



EDP Company - Lisbon - Portugal  
Products required: **Mapefloor I 300 SL**  
"Venetian terrazzo effect"



University of medicine - Ljubljana - Slovenia  
Products required: **Mapefloor System 31**

Post Office - Peschiera Borromeo (Milan) - Italy  
Products required: **Mapefloor System 91**

Chemists Shop - Pistoia - Italy  
Products required: **Ultratop System**  
"Venetian terrazzo effect"



Virgin Sports Centre - Florence - Italy  
Products required: **Mapefloor System 33**



Roccafiorè Wine Cellar - Catania - Italy  
Products required: **Mapefloor System 33**

198 Aquarius Condominium Mews - Vancouver - Canada  
Products required: **Ultratop System** "natural effect"

# SELECTION TABLE FOR CEMENTITIOUS AND RESIN FLOORING INSTALLATION

TYPE OF TRAFFIC				CHEMICAL RESISTANCE								THICKNESS	EPOXY RESIN	POLYURETHANE RESIN	POLYURETHANE CEMENT	CEMENTITIOUS	RESIN CEMENT FLOORING SYSTEMS		
LIGHT	LIGHT TO MEDIUM	MEDIUM TO HEAVY	HEAVY	VERY HIGH	HIGH	MEDIUM	LOW	PAINT/VARNISH	MULTI-LAYERED	SELF-LEVELLING	MORTAR	MORTAR SCREED CONSISTENCY	TROWELLED	DECORATIVE					
	•			•				•							from 0.8 to 1.2 mm	•			MAPEFLOOR SYS
		•		•				•							from 3 to 3.5 mm	•			MAPEFLOOR SYS
			•	•						•					from 2 to 4 mm	•			MAPEFLOOR SYS
•				•			•	•							from 0.6 to 1 mm	•			MAPEFLOOR SYS
	•						•	•							approx. 3 mm	•			MAPEFLOOR SYS
		•					•	•							approx. 5 mm	•			MAPEFLOOR SYS
			•				•			•					approx. 4 mm	•			MAPEFLOOR SYS
		•				•							•	•	from 1.5 to 3 mm	•			DECOR SYSTEM
			•	•								•			from 6 to 15 mm	•			MAPEFLOOR SYS
	•					•					•				approx. 10 mm		•		MAPEFLOOR UR
		•		•				•							from 3 to 3,5 mm		•		MAPEFLOOR PAR
			•	•				•							from 2.5 to 3 mm		•		MAPEFLOOR PAR
			•	•				•							from 2 to 2.5 mm		•		MAPEFLOOR PAR
	•	•		•				•							0.8-1,2 or 3-3.5	•			MAPEFLOOR PARK
			•	•						•					from 3 to 6 mm			•	MAPEFLOOR SYS
			•	•							•				from 6 to 9 mm			•	MAPEFLOOR SYS
			•	•							•				from 6 to 9 mm			•	MAPEFLOOR SYS
	•					•		•							from 5 to 40 mm				ULTRATOP NATU
•						•		•					•		from 10 to 40 mm				ULTRATOP POLIS
•						•							•		from 15 to 40 mm				ULTRATOP VENET

(\*) MAPEFLOOR SYSTEM that may be coloured using MAPECOLOR PASTE, concentrated coloured paste used to colour the neutral coloured base products in the systems.

(∞) MAPEFLOOR SYSTEM that must be coloured using MAPECOLOR CPU, specific coloured powder used to colour the neutral coloured base products in the MAPEFLOOR CPU systems.

(\*\*) The use of MAPEFLOOR FILLER to obtain a non-slip finish must be evaluated according to the type of finish required.

N.B. - THE SELECTION CHART IS PURELY REPRESENTATIVE; PLEASE REFER TO THE TECHNICAL DATA SHEETS

SYSTEM AND CEMENTITIOUS FINISHING SYSTEMS	PRODUCTS USED IN EACH SYSTEM																																		
	PRIMERS				RESINS								CEMENTITIOUS MORTARS	FINISHING PRODUCTS							QUARTZ SAND														
	PRIMER G	MAPEPRIM SP	PRIMER SN	MAPECOAT I 600 W	MAPEFLOOR I 300 SL	MAPEFLOOR I 500 W	MAPEFLOOR DECOR 700	MAPEFLOOR I 900	MAPEFLOOR CPU/MF	MAPEFLOOR CPU/RT	MAPEFLOOR CPU/HD	MAPEFLOOR PU 400	MAPEFLOOR PU 410	MAPEFLOOR BINDER 930	ULTRATOP	MAPECOAT I 620 W	MAPECHETE STAIN PROTECTION	MAPEFLOOR FINISH 50 N	MAPEFLOOR FINISH 52 W	MAPEFLOOR FINISH 53 W/L	MAPEFLOOR FINISH 54 W/S	MAPEFLOOR FINISH 58 W	MAPEFLOOR FINISH 415	MAPEFLOOR FINISH 451	MAPEFLOOR FINISH 630	MAPELUX LUCIDA	MAPELUX OPACA	MAPEFLOOR FILLER	QUARTZ 0.25	QUARTZ 0.5	QUARTZ 1.2	QUARTZ 1.9			
SYSTEM 31 (*)			●		●																											●	●		
SYSTEM 32 (*)			●		●																											●	●		
SYSTEM 33 (*)			●		●														●	●	●	●				●	●	**		●	●				
SYSTEM 34 (*)					●																														
SYSTEM 51 (*)							●																										●		
SYSTEM 52 (*)							●																										●		
SYSTEM 53 (*)				●		●										●		●	●	●	●	●							**		●				
SYSTEM 70 (*)			●				●											●	●	●	●	●				●	●	**		●					
SYSTEM 91 (*)			●		●			●																						●	●		●		
BAN SYSTEM				●										●																					
WORKING SYSTEM HE (*)			●								●	●												●						●	●				
WORKING SYSTEM ME (*)			●								●	●												●						●	●				
WORKING SYSTEM ID (*)			●									●											●							●	●				
WORKING SYSTEM RHT/RLT (*)			●		●																														
SYSTEM CPU/MF (∞)			●					●																					●	●					
SYSTEM CPU/RT (∞)									●																										
SYSTEM CPU/HD (∞)										●																									
MARBLE EFFECT	0	Δ	●											●	●	●	●	●	●	●	●	●			●	●	●	**				●			
MARBLE EFFECT	0	Δ	●											●	●	●	●	●	●	●	●	●			●	●	●					●			
CLASSIC TERRAZZO EFFECT			●											●	●	●	●	●	●	●	●	●			●	●	●					●			

○ Primer used on cementitious substrates as an alternative to **PRIMER SN**

Δ Primer used on ceramic and stone substrates as an alternative to **PRIMER SN**

● Which finishing product to use depends on the mechanical performance requirements of the system and the type of effect and finish required.  
**Important:** Do not apply **Mapefloor Finish 52 W** over anthracite, red or standard **Ultratop** colour.  
Do not apply **Mapefloor Finish 58 W** directly over **Ultratop**. Apply a preliminary coat of **Mapefloor Finish 52 W**.

● Metallic waxes suitable for use with the systems: which one to use depends on the type of effect and finish required.

● Products used in each single system and their relative properties.



# COLOUR CHART

## MAPECOLOR PASTE

Concentrated coloured pastes for colouring neutral base products from the **Mapefloor System**.

Note: the colours in the **Mapecolor Paste** range refer to the RAL colour chart.



1001  
Beige



1013  
Pearl White



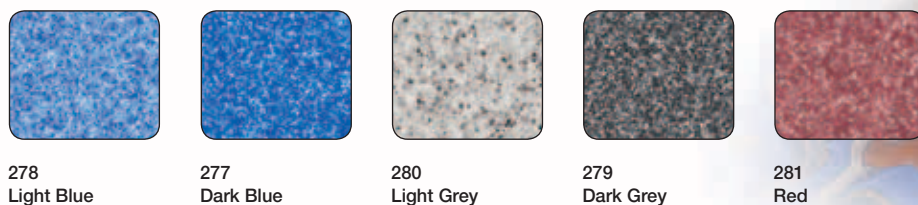
1015  
Light Ivory

## MAPEFLOOR I 320 SL CONCEPT

Self-levelling, epoxy system with a granular effect,

to create floors which are resistant to abrasion. Available in a variety of colours.

Note: the colours in the **Mapefloor I 320 SL CONCEPT** range do not refer to any colour chart.

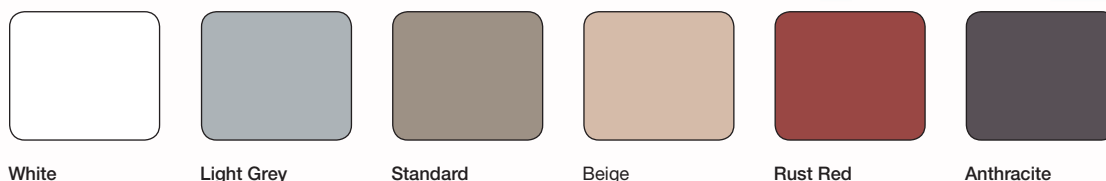


## ULTRATOP

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

Note: the colours in the **Ultratop** range do not refer to any colour chart.

Because of the cementitious nature of the product, the final colour may not be uniform.



**MAPEI Spa**  
Via Cafiero, 22 - 20158 Milan (Italy)  
Tel. +39 02 37673.1  
Fax +39 02 37673.214  
Internet: [www.mapei.com](http://www.mapei.com)  
E-mail: [mapei@mapei.it](mailto:mapei@mapei.it)

