Bathrooms, swimming pools and wet environments

WATERPROOFING PRODUCTS
WATERPROOFING PRODUCTS

MAPEI has always offered numerous solutions to their clients to help them overcome specific problems by supplying technologically advanced product systems that are compatible with each other.

Bathrooms, swimming pools, Spas and kitchens need to be adequately waterproofed:

- To prevent structures deteriorating;
- To improve the comfort of our surroundings;
- To reduce maintenance costs.

The range of Mapei products aimed at meeting these specific requirements is made up of the following products:
Mapei also offers a series of accessories as part of the system that may be used in combination with the waterproofing products, such as:

- Mapeband TPE
- Mapeband
- Mapeband PE 120
- Mapenet 150
- Mapetex Sel
- Drain Vertical
  Drain Lateral

**ADVANTAGES**

- **ELASTICITY**
- **DURABILITY**
- **SPEED**
- **CERTIFIED QUALITY**

**EN 1504-2**
**EN 14891**
AREAS OF USE:

PUBLIC AND PRIVATE BATHROOMS

WELLNESS

SWIMMING POOLS
ACCESSORIES FOR THE SYSTEM

DRAIN Vertical
Drain Lateral

Complete floor drain kit
Ideal for draining off water from terraces, balconies, bathrooms, boiler rooms, laundry rooms, etc.
The kit includes the following:

- drain;
- extension;
- steel drain cover and housing;
- anti-odour plug.

Mapeband
Alkali-resistant rubber tape with felt for cementitious waterproofing systems and liquid sheaths.
Special 90°, 270°, “X” shaped and “T” shaped pieces are also available

Mapeband PE 120
PVC tape for waterproofing systems made from liquid membrane
ACCESSORIES FOR THE SYSTEM

Mapenet 150
Alkali-resistant glass fibre mesh (in compliance with the ETAG 004 guide) for reinforcing protective waterproofing membranes such as Mapelastic and Mapelastic Turbo

Mapetex Sel
Non-woven, perforated polypropylene fabric for reinforcing waterproofing membranes such as Mapelastic Smart and Mapelastic Turbo
For more information on the characteristics of the products mentioned above and how to use them correctly refer to the relative Technical Data Sheet for each product, available on the Company website www.mapei.it.
APPLICATION EXAMPLES

Public and private bathrooms

Products used:

- 3
- 4-11
- 5
- 7
- 8
- 9
- 12
- 14
- 15
Characteristics of Mapegum WPS

- Supplied ready to use;
- Rapid application;
- Excellent elongation;
- No reinforcement required;
- Very low emission level of VOC.

Packaging:
5 kg, 10 kg and 25 kg
APPLICATION EXAMPLES

Public and private bathrooms

Products used:

2 3 4-6 5 7 8 10-12 11
### Characteristics of Mapelastic AquaDefense

- Supplied ready to use;
- Adheres to a wide range of substrates;
- Quick drying;
- Tiles may be bonded after just 4 hours (at +23°C - 50% R.H. and residual moisture in screed ≤ 3%).

**Packaging:**
7.5 kg and 15 kg

<table>
<thead>
<tr>
<th>No.</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Existing tiles</td>
</tr>
<tr>
<td>2</td>
<td>Primer <em>Eco Prim T</em></td>
</tr>
<tr>
<td>3</td>
<td>Evening <em>Planitop Fast 330</em></td>
</tr>
<tr>
<td>4</td>
<td>Ready to use waterproofer <em>Mapelastic AquaDefense</em></td>
</tr>
<tr>
<td>5</td>
<td>Floor drain <em>Drain Vertical</em></td>
</tr>
<tr>
<td>6</td>
<td>Ready to use waterproofer <em>Mapelastic AquaDefense</em> (2 coats)</td>
</tr>
<tr>
<td>7</td>
<td>Rubber tape <em>Mapeband</em></td>
</tr>
<tr>
<td>8</td>
<td>Adhesive <em>Elastorapid</em></td>
</tr>
<tr>
<td>9</td>
<td>Glass mosaics</td>
</tr>
<tr>
<td>10</td>
<td>Grout <em>Kerapoxy Design + MapeGlitter</em></td>
</tr>
<tr>
<td>11</td>
<td>Sealant <em>Mapesil AC</em></td>
</tr>
<tr>
<td>12</td>
<td>Grout <em>Kerapoxy Design</em></td>
</tr>
</tbody>
</table>

[Image of blue bucket labeled AquaDefense]
Public and private bathrooms

Products used:

5 6 7-10 8 9 11 13 14
Characteristics of Mapelastic

- Flexible down to -20°C;
- Resistant to UV rays;
- Product with CE marking;
- May be applied over existing flooring;
- Protects the structure from carbonation and chlorides.

PACKAGING:
32 kg and 16 kg

13 years of experience
APPLICATION EXAMPLES

Public and private bathrooms

Products used:

2 3 4 5 6 7-16 9 10 11 12 13 14 15 18
Characteristics of Mapegum WPS

- Supplied ready to use;
- Rapid application;
- Excellent elongation;
- No reinforcement required;
- Very low emission level of VOC.

PACKAGING:
5 kg, 10 kg and 25 kg
Swimming pools

Products used:

- 2
- 4
- 5
- 6
- 7
- 10
- 11
- 12
- 13
- 15
- 16
Characteristics of Mapelastic

- Flexible down to -20°C;
- Resistant to UV rays;
- Product with CE marking;
- May be applied over existing flooring;
- Protects the structure from carbonation and chlorides.

PACKAGING:
32 kg and 16 kg

1st coat
4/5 h.
2nd coat
5 days

1st coat
4/5 h.
2nd coat
5 days

tile installation

1 Clearing lean
2 External under plateau waterproofing of the structure with bentonite sheet Mapeproof and two-component cementitious elastic mortar Mapelastic Foundation on walls, after application of Primer 3296
3 Reinforced concrete structure
4 Hydroexpanding bentonite joint Idrostop B25
5 Bonding slurry Planicrete
6 Screed Topcem Pronto
7 Cementitious render Nivoplan + Planicrete
8 Metal mesh
9 Pre-cast overflow channel
10 Rubber tape Mapeband
11 Waterproofer Mapelastic (2 coats)
12 Fibre glass mesh Mapenet 150
13 Adhesive Keraflex Maxi S1
14 Ceramic tiles
15 Grout Ultracolor Plus
16 Sealant Mapesil AC
APPLICATION EXAMPLES

Swimming pools

Products used:

1 2 3-4 5 6 7 8 10 11
Characteristics of Mapelastic Smart

- Highly performing;
- Excellent elongation at breakage;
- Fluid;
- Resistant to UV rays;
- May be applied over existing flooring;
- Product with CE marking.

PACKAGING:
30 kg
# Selection Chart of Waterproofing Products

## Horizontal and Vertical Surfaces

<table>
<thead>
<tr>
<th>Products</th>
<th>Filets</th>
<th>Joints</th>
<th>Walkways</th>
<th>Drains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mapelastic</td>
<td>•</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mapelastic Smart</td>
<td>•</td>
<td>•</td>
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<tr>
<td>Mapelastic Foundation</td>
<td>•</td>
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<tr>
<td>Mapelastic Turbo</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Mapeproof Swell</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Mapelastic AquaDefense</td>
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<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mapegum WPS</td>
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</tbody>
</table>

## Accessories

<table>
<thead>
<tr>
<th>Products</th>
<th>Filets</th>
<th>Joints</th>
<th>Walkways</th>
<th>Drains</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mapeband</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Mapeband PE 120</td>
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<tr>
<td>Mapeband SA</td>
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<tr>
<td>Mapeband TPE</td>
<td>•</td>
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<td>•</td>
</tr>
<tr>
<td>Drain Lateral</td>
<td>•</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Drain Vertical</td>
<td>•</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Mapenet 150</td>
<td>•</td>
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<td></td>
</tr>
<tr>
<td>Mapetex Sel</td>
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</tbody>
</table>
Technical documentation
From the technical area menu you can view the technical documentation divided per product lines and type of document.