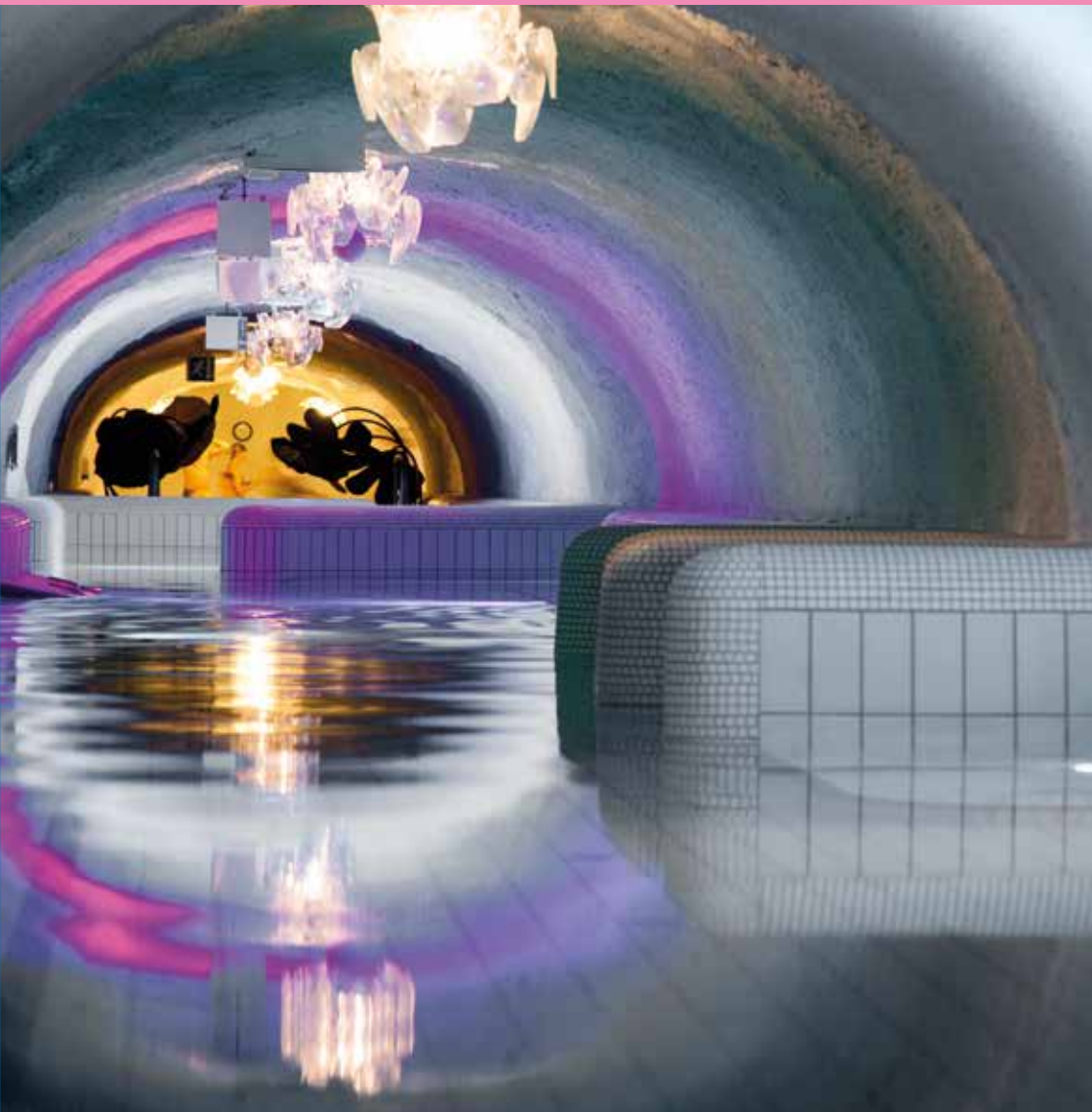


Bathrooms, swimming pools and wet environments

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:



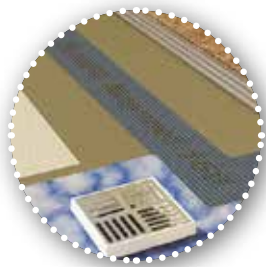
Mapeband TPE



Mapeband



Mapeband PE 120



Mapenet 150



Mapetex Sel



**Drain Vertical
Drain Lateral**

ADVANTAGES

ELASTICITY
DURABILITY
SPEED
CERTIFIED QUALITY



AREAS OF USE:

PUBLIC AND PRIVATE BATHROOMS



WELLNESS



SWIMMING POOLS





ACCESSORIES FOR THE SYSTEM

DRAINS



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.



TAPES



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

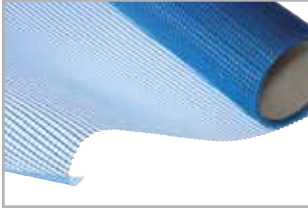
PVC tape for waterproofing systems
made from liquid membrane





ACCESSORIES FOR THE SYSTEM

REINFORCEMENT



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:



- 1 Concrete substrate
- 2 Separating layer
- 3 Screed
Topcem Pronto

- 4 Ready-to-use waterproofer
Mapegum WPS
(2 coats)

- 5 Adhesive
Keraflex

- 6 Ceramic tiles
- 7 Grout
Kerapoxy CQ

- 8 Sealant
Mapesil AC

- 9 Rubber tape
Mapeband PE 120
- 10 Gypsum-board
- 11 Ready-to-use waterproofer
Mapegum WPS
(2 coats)

- 12 Adhesive
Ultramastic III

- 13 Ceramic tiles
- 14 Grout
Keracolor FF

- 15 Sealant
Mapesil Z Plus


Characteristics of Mapegum WPS



PACKAGING:
5 kg, 10 kg and 25 kg

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



1st coat



2nd coat



tile installation









APPLICATION EXAMPLES

Public and private bathrooms



Products used:



- | | | |
|---|--|--|
| <p>1 Existing tiles</p> <p>2 Primer
Eco Prim T</p>  <p>3 Evening
Planitop Fast 330</p>  <p>4 Ready to use waterproofer
Mapelastich AquaDefense</p>  <p>5 Floor drain
Drain Vertical</p> | <p>6 Ready to use waterproofer
Mapelastich AquaDefense
(2 coats)</p>  <p>7 Rubber tape
Mapeband</p> <p>8 Adhesive
Elastorapid</p>  <p>9 Glass mosaics</p> <p>10 Grout
Kerapoxy Design + MapeGlitter</p>  | <p>11 Sealant
Mapesil AC</p>  <p>12 Grout
Kerapoxy Design</p>  |
|---|--|--|

Characteristics of Mapelastich AquaDefense



PACKAGING:
7.5 kg and 15 kg

- 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%).

1st coat



2nd coat



tile installation



APPLICATION EXAMPLES

Public and private bathrooms



Products used:



1 Concrete substrate

2 Masonry substrate

3 Insulating panel

4 Polyethylene sheet

5 Screed
Topcem Pronto



6 Cementitious render
Planitop Fast 330



7 Cementitious waterproofer
Mapelastic



8 Rubber tape
Mapeband

9 Glass fibre mesh
Mapenet 150

10 Cementitious waterproofer
Mapelastic



11 Adhesive
Keraquick S1 zero



12 Natural stone mosaics

13 Grout
Ultracolor Plus



14 Sealant
Mapesil LM



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.

1st coat



2nd coat



tile installation

PACKAGING:
32 kg and 16 kg

over **20** years
of experience



APPLICATION EXAMPLES

Public and private bathrooms



Products used:



- | | | |
|---|--|---|
| <p>1 Existing tiles</p> <p>2 Primer
Eco Prim Grip</p> <p>3 Evening
Nivorapid</p> <p>4 Waterproofer
Mapegum WPS (2 coats)</p> <p>5 Floor drain
Drain Vertical</p> <p>6 Rubber tape
Mapeband PE 120</p> <p>7 Adhesive Ultralite Flex</p> | <p>8 Porcelain tiles</p> <p>9 Grout
Kerapoxy CQ</p> <p>10 Sealant
Mapesil AC</p> <p>11 Levelling compound
Nivoplan + Planicrete</p> <p>12 Smoothing compound
Planitop 560</p> <p>13 Siloxane base coat
Silancolor Primer Plus</p> | <p>14 Coating
Silancolor Paint Plus</p> <p>15 Decoration
Mapelux + MapeGlitter</p> <p>16 Adhesive
Ultralite Flex</p> <p>17 Tiles
Glass mosaics</p> <p>18 Grout
Kerapoxy Design + MapeGlitter</p> |
|---|--|---|

Characteristics of Mapegum WPS



PACKAGING:
5 kg, 10 kg and 25 kg

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



1st coat



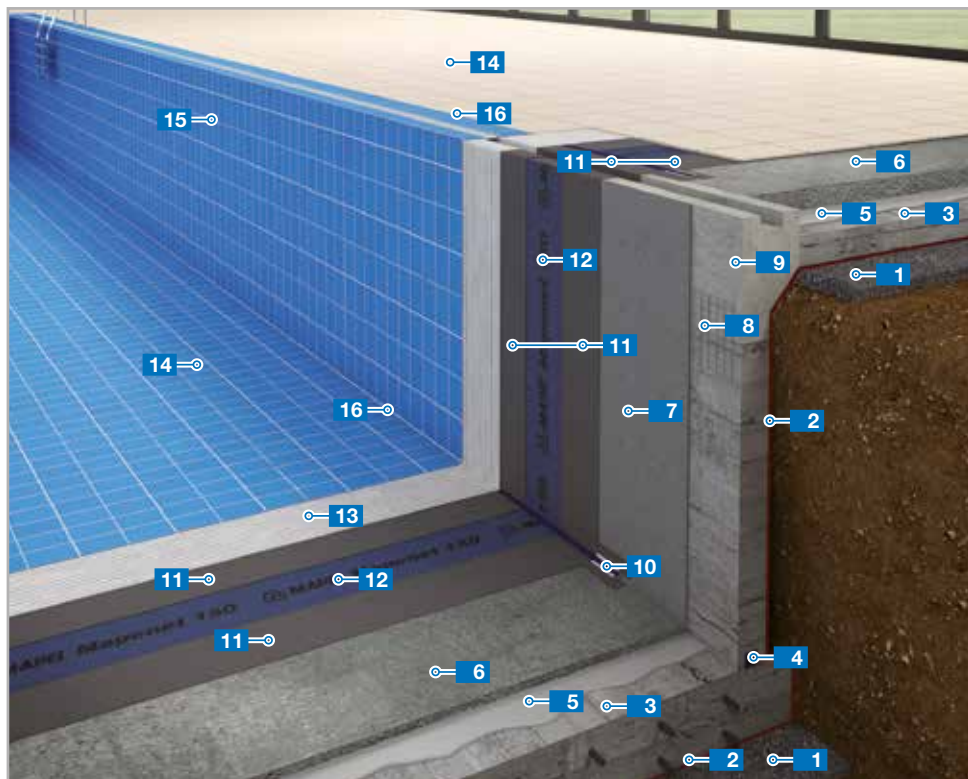
2nd coat



tile installation

APPLICATION EXAMPLES

Swimming pools



Products used:



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

Characteristics of Mapelastick



- 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



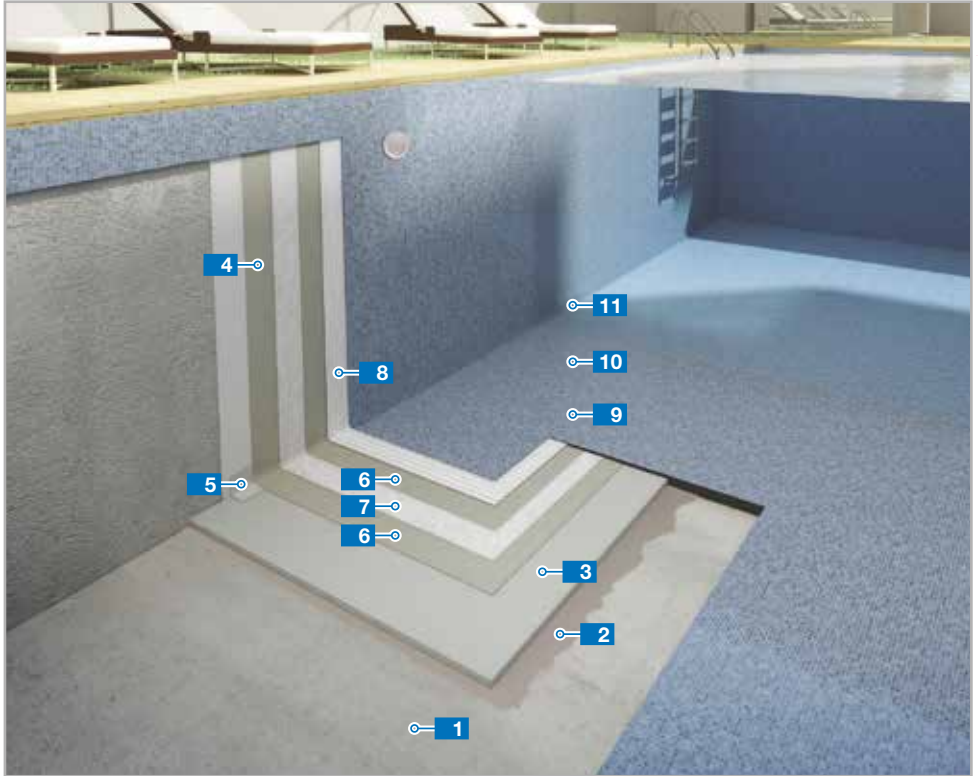
2nd coat



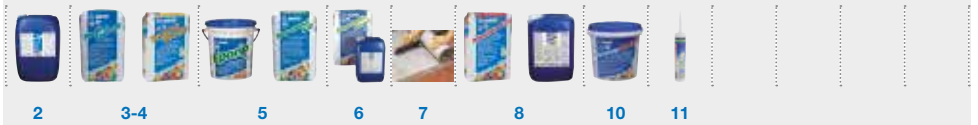
tile installation

APPLICATION EXAMPLES

Swimming pools



Products used:



1 Reinforced cement structure

2 Bonding slurry
Planicrete

3 Evening
Topcem Pronto or



Planitop Fast 330

4 Smoothing compound
Planitop Fast 330



5 Monolithic sealing of the covering to the substrate
Eporip + Mapegrout 430



6 Cementitious waterproof
Mapelastec Smart
(2 coats)



7 Polypropylene TNT
Mapetex Sel

8 Adhesive
Adesilex P10 + Isolastic



9 Glass mosaics

10 Grout
Kerapoxy Design



11 Sealant
Mapesil AC



Characteristics of Mapelastec Smart



PACKAGING:
30 kg

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

1st coat



2nd coat

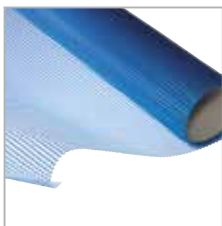


tile installation



SELECTION CHART OF WATERPROOFING PRODUCTS

	Horizontal and vertical surfaces	Fillets	Joints	Walkways	Drains
PRODUCTS					
Mapelastic	●				
Mapelastic Smart	●				
Mapelastic Foundation	●				
Mapelastic Turbo	●				
Mapeproof Swell				●	
Mapelastic AquaDefense	●				
Mapegum WPS	●				
ACCESSORIES					
Mapeband		●	●	●	
Mapeband PE 120		●	●	●	
Mapeband SA		●		●	
Mapeband TPE			●		
Drain Lateral					●
Drain Vertical					●
Mapenet 150	●				
Mapetex Sel	●				





● **Technical documentation**

From the technical area menu you can view the technical documentation divided per product lines and type of document.

HEAD OFFICE
MAPEI SpA
Via Cafiero, 22 - 20158 Milan
Tel. +39-02-37673.1
Fax +39-02-37673.214
Internet: www.mapei.com
E-mail: mapei@mapei.it

