Bathrooms, swimming pools and wet environments

WATERPROOFING PRODUCTS

www.mapei.com

MAPEI®

ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING
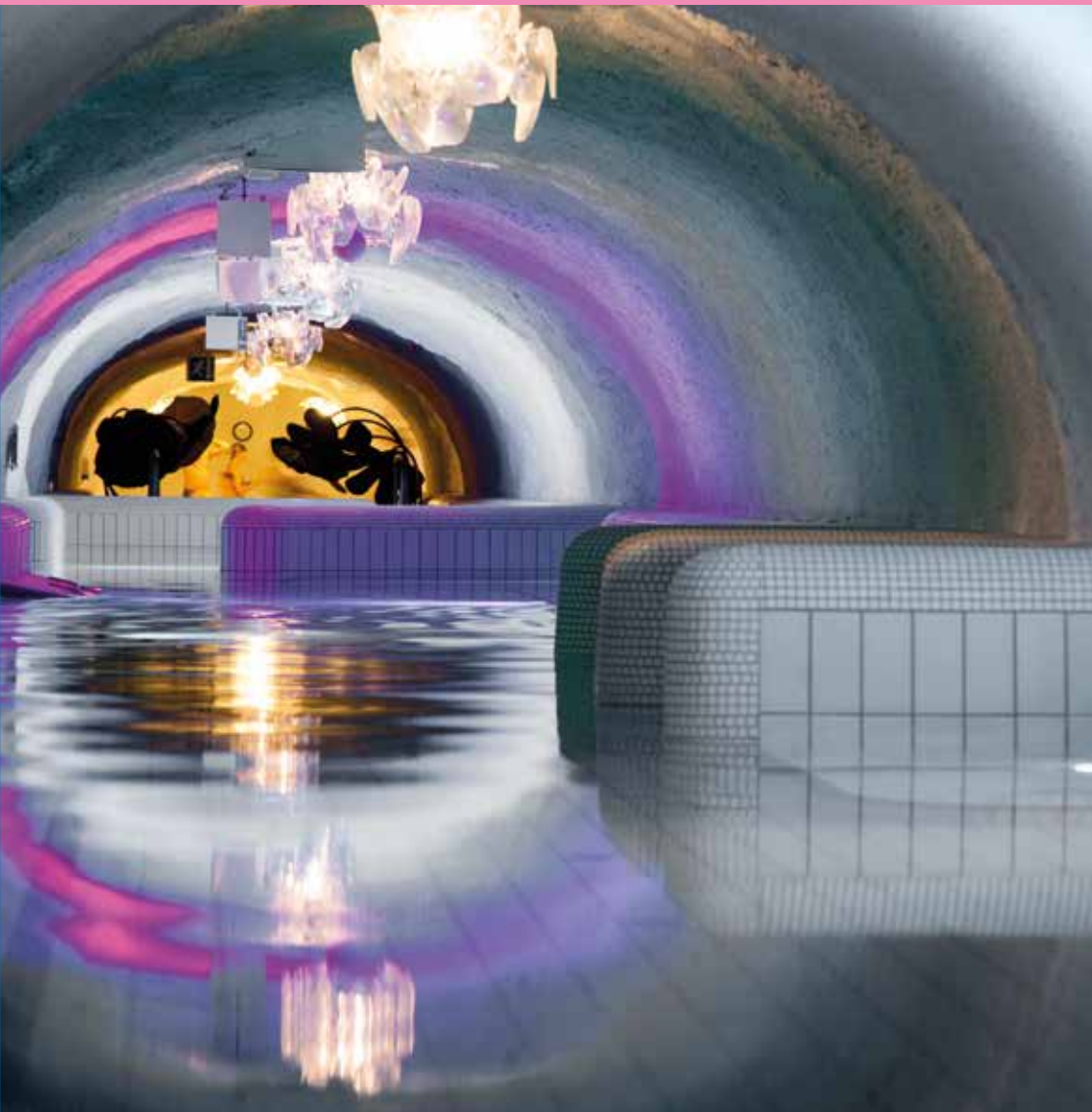
WATERPROOFING PRODUCTS

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:
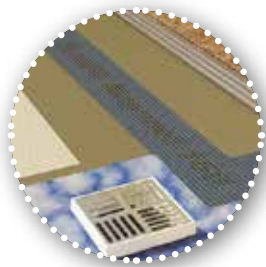

Mapeband TPE

Mapeband

Mapeband PE 120

Mapenet 150

Mapetex Sel

**Drain Vertical
Drain Lateral**

ADVANTAGES

ELASTICITY
DURABILITY
SPEED
CERTIFIED QUALITY

(ϵ **EN 1504-2**

(ϵ **EN 14891**

Fast Track Ready

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
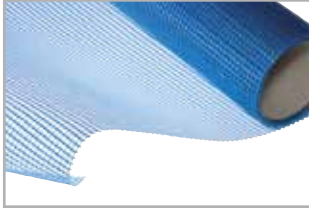
Mapeband PE 120

PVC tape for waterproofing systems made from liquid membrane

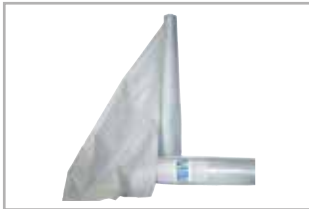# ACCESSORIES FOR THE SYSTEM

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.

MAPEI

7

Public and private bathrooms

Products used:

| 3 | 4-11 | 5 | 7 | 8 | 9 | 12 | 14 | 15 |

1	Concrete substrate	**7**	Grout *Kerapoxy CQ*	**12**	Adhesive *Ultramastic III*
2	Separating layer	**8**	Sealant *Mapesil AC*	**13**	Ceramic tiles
3	Screed *Topcem Pronto*	**9**	Rubber tape *Mapeband PE 120*	**14**	Grout *Keracolor FF*
4	Ready-to-use waterproofer *Mapegum WPS* (2 coats)	**10**	Gypsum-board	**15**	Sealant *Mapesil Z Plus*
5	Adhesive *Keraflex*	**11**	Ready-to-use waterproofer *Mapegum WPS* (2 coats)		
6	Ceramic tiles				

Characteristics of **Mapegum WPS**

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

1st coat

1 h.

2nd coat

12 h.

tile installation

PACKAGING:
5 kg, 10 kg and 25 kg

EC 1 PLUS

Public and private bathrooms

Products used:

2	3	4-6	5	7	8	10-12	11

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

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

CE
EN 14891

IN COMPLIANCE WITH
EUROPEAN STANDARD
EN 14891
DM01
MAPEI
LIQUID-APPLIED WATER IMPERMEABLE PRODUCTS

1st coat

1 h.

2nd coat

4 h.

tile installation

Public and private bathrooms

Products used:

| 5 | 6 | 7-10 | 8 | 9 | 11 | 13 | 14 |

№			
1	Concrete substrate	**8**	Rubber tape *Mapeband*
2	Masonry substrate	**9**	Glass fibre mesh *Mapenet 150*
3	Insulating panel	**10**	Cementitious waterproofer *Mapelastic*
4	Polyethylene sheet	**11**	Adhesive *Keraquick S1 zero*
5	Screed *Topcem Pronto*	**12**	Natural stone mosaics
6	Cementitious render *Planitop Fast 330*	**13**	Grout *Ultracolor Plus*
7	Cementitious waterproofer *Mapelastic*	**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.

PACKAGING:
32 kg and 16 kg

over **20** years of experience

CE EN 1504-2

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 1504-2 (C)
PRINCIPLES
PI-MC-IR
MAPEI
SURFACE PROTECTION SYSTEMS FOR CONCRETE

CE EN 14891

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 14891
CMO2P
MAPEI
LIQUID-APPLIED WATER IMPERMEABLE PRODUCTS

1st coat

4/5 h.

2nd coat

5 days

tile installation

MAPEI

Public and private bathrooms

Products used:

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

1	Existing tiles
2	Primer *Eco Prim Grip*
3	Evening *Nivorapid*
4	Waterproofer *Mapegum WPS* (2 coats)
5	Floor drain *Drain Vertical*
6	Rubber tape *Mapeband PE 120*
7	Adhesive *Ultralite Flex*

8	Porcelain tiles
9	Grout *Kerapoxy CQ*
10	Sealant *Mapesil AC*
11	Levelling compound *Nivoplan* + *Planicrete*
12	Smoothing compound *Planitop 560*
13	Siloxane base coat *Silancolor Primer Plus*

14	Coating *Silancolor Paint Plus*
15	Decoration *Mapelux* + *MapeGlitter*
16	Adhesive *Ultralite Flex*
17	Tiles Glass mosaics
18	Grout *Kerapoxy Design* + *MapeGlitter*

Characteristics of **Mapegum WPS**

Fast Track Ready

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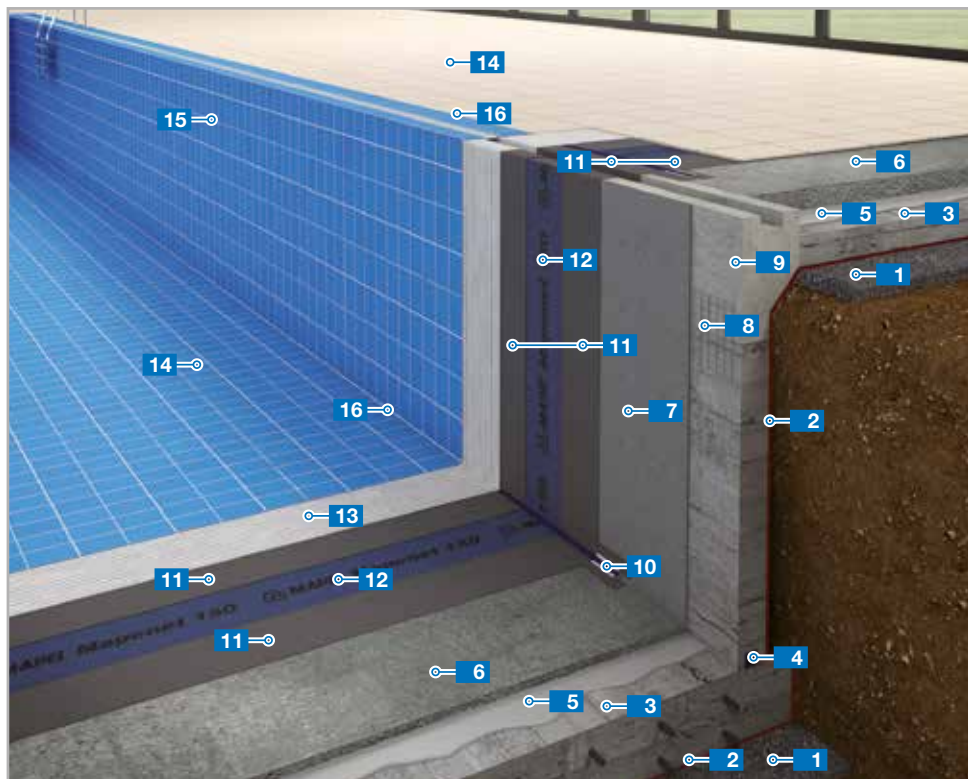- Very low emission level of VOC.

1st coat

1 h.

2nd coat

12 h.

tile installation

PACKAGING:
5 kg, 10 kg and 25 kg

GEV-EMICODE
EC 1 PLUS
very low emission

Swimming pools

Products used:

| 2 | 4 | 5 | 6 | 7 | 10 | 11 | 12 | 13 | 15 | 16 |

1	Clearing lean	**6**	Screed *Topcem Pronto*	**12**	Fibre glass mesh *Mapenet 150*

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*

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

-4/5 h.-

2nd coat

5 days

tile installation

CE EN 1504-2

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 1504-2 (C)
PRINCIPLES
PI·MC·IR
MAPEI
SURFACE PROTECTION SYSTEMS FOR CONCRETE

CE EN 14891

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 14891
CMO2P
MAPEI
LIQUID-APPLIED WATER IMPERMEABLE PRODUCTS

over **20** years of experience

PACKAGING:
32 kg and 16 kg

Swimming pools

Products used:

| 2 | 3-4 | 5 | 6 | 7 | 8 | 10 | 11 |

1	Reinforced cement structure	**6**	Cementitious waterproofer *Mapelastic Smart* (2 coats)	**11**	Sealant *Mapesil AC*

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 coving to the substrate *Eporip* + *Mapegrout 430*

6 Cementitious waterproofer *Mapelastic 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 **Mapelastic 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.

CE EN 1504-2

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 1504-2 (C)
PRINCIPLES
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SURFACE PROTECTION SYSTEMS FOR CONCRETE

CE EN 14891

IN COMPLIANCE WITH EUROPEAN STANDARD
EN 14891
CM01P
MAPEI
LIQUID-APPLIED WATER-IMPERMEABLE PRODUCTS

1st coat

4/5 h.

2nd coat

5 days

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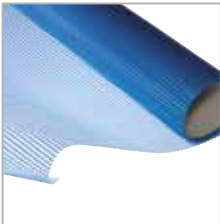
Technical documentation
From the technical area menu you can view the technical
documentation divided per product lines and type of document.