Selection Chart of Waterproofing Products
Toilets, swimming pools, spas, balconies and terraces: all environments to be protected from water.

In order to waterproof these environments efficiently it is important to:

• protect structures from deterioration;
• improve rooms’ comfort;
• reduce maintenance costs to the minimum.

That’s why MAPEI always offers to their customers different systems for specific problems and always has the right product with suitable accessories to solve any problem.
BATHROOMS and DAMP ENVIRONMENTS

**Mapelastic AquaDefense**
- Ready-to-use, flexible, liquid waterproofing membrane
- Solvent-free
- Ultra-quick drying
- For internal and external waterproofing applications
- Ceramic and stone material may be applied after only 4 hours
- Class III membrane according to AS4658:2004 Wet Area Membranes

**Mapegum WPS**
- Fast drying, liquid elastic membrane for interior waterproofing
- Solvent-free
- Ready-to-use
- Application: smooth trowel, roller or spray in two crossing coats (1 mm each)
- For thin thicknesses (ca. 1 mm max. per coat)

**Mapelastic Smart**
- Two-component, high-flexibility cementitious mortar
- For protection and waterproofing
- Used in conjunction with Mapenet 150, Mapeband SA or Mapetex Sel
- Mapelastic Smart may be also used on surfaces particularly stressed or crazed and helps to improve both elongation at break and crack bridging
- Certified for use with Potable Water according to AS/NZS 4020:2005

**Mapeband**
- Alkali-resistant rubber tape with felt for cementitious waterproofing systems and liquid membranes
- For walls and floors
- For any type of substrate
- For baths, showers, terraces, balconies, etc., that are to be tiled with ceramic tiles, marble, natural stones

**Mapeband TPE**
- TPE tape for flexible sealing and waterproofing structural joints subject to movements up to 5 or 10 mm
- For expansion joints in road-works, water tunnels and covering applications

**Mapeband SA**
- Self-adhesive butyl tape with alkali-resistant, non-woven fabric for elastic waterproofing systems
- Seals between different types of material and waterproofing narrow fillets in tight spaces
- May be applied on various substrates after suitable preparation and application of a suitable primer

**Mapelastic AquaDefense**

**Mapegum WPS**

**Mapelastic Smart**

**Mapeband**

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**Mapelastic Foundation**
- Two-component, flexible cementitious mortar for waterproofing
- For concrete surfaces subject to negative or positive hydrostatic pressure
- For foundation walls, car-parks, environments below ground level, water channels and swimming pools
- To be applied by roller or spray
- For horizontal and vertical surfaces at a thickness of at least 2 mm

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- Alkali-resistant rubber tape with felt for cementitious waterproofing systems and liquid membranes
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**Mapetex Sel**
- Non-woven, macro-holed polypropylene fabric
- Waterproofing, with synthetic polypropylene fibres
- For reinforcing waterproofing membranes

**Mapenet 150**
- Alkali-resistant glass fibre mesh
- For reinforcing protective waterproofing layers
- Anti-fracture membranes and thermal insulation systems
WATERPROOFING SYSTEM FOR THE INSTALLATION OF GLASS MOSAICS IN SWIMMING POOLS

1. Reinforced cement structure
2. Smoothing compound Planitop Fast 330
3. Cementitious waterproofer Mapelastic Smart
4. Polypropylene TNT Mapetex Sel
5. Cementitious waterproofer Mapelastic Smart
6. Monolithic sealing of the coving to the substrate Eporip + Mapegrout Fastset
7. Adhesive Kerabond Plus + Isolastic 50
8. Glass mosaics
9. Grout Kerapoxy Design
10. Sealant Mapesil AC
11. Floor Planitop Fast 330 or Topcem Pronto bonded
WATERPROOFING SYSTEM FOR THE RAPID INSTALLATION OF CERAMIC TILES ON BALCONIES

Planicrete SP Mapecem Mapeband Mapeflex PU45 Mapelastic AquaDefence Granirapid Mapesil AC Ultracolor Plus

bending slurry screed rubber tape sealant & adhesive waterproofer (2 coats) adhesive sealant grout
### Mapelastic Smart
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- Certified for use with Potable Water according to AS/NZS 4020:2005

### Aquaflex Roof HR
- Fibre-filled liquid membrane in water emulsion with high solar reflectance and thermal emittance with a high SRI solar reflectance index (105)
- Ready-for-use
- Lowers the surface temperature of the roof by more than 50% compared with dark coloured roofs
- For continuous exposed waterproofing layers
- High reflectance white colour

### Mapetex Sel
- Non-woven, macro-holed polypropylene fabric
- Waterproofing, with synthetic polypropylene fibres
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### Mapeband SA
- Self-adhesive butyl tape with alkali-resistant, non-woven fabric for elastic waterproofing systems
- Seals between different types of material and waterproofing narrow fillets in tight spaces
- May be applied on various substrates after suitable preparation and application of a suitable primer
Underground structures level: the parts of a building which are most often in contact with water and aggressive elements in the ground.

All structures below ground level come into contact with the humidity in the ground or with the water table and must be protected to guarantee the life-span of buildings. If no suitable protection is applied, there are no construction materials with the capacity of resisting the various factors which are present below ground level. MAPEI offers a wide array of repair and protection solutions which guarantee an efficient solution for any construction element.
**Idrostop**
- Hydrophilic expandable rubber section for watertight construction joints
- Specially designed to form watertight construction joints up to a hydraulic pressure of 5 atm
- Bentonite-free
- Creates an active barrier against pressurized water (positive and negative)
- For concrete, metal, PVC and natural stone
- Bond Idrostop to the substrate with Idrostop Mastic

**Idrosilex Pronto**
- Osmotic cementitious mortar suitable for contact with drinking water
- For waterproofing foundations, walls, cellars, basements, lift-rooms, swimming pools, canals and reservoirs. Also safe for use on containers holding drinking water
- To be applied by brush, trowel or spray

**Lamposilex**
- Ultra-fast setting and drying hydraulic binder for plugging water leaks
- Use Lamposilex to plug any source of water, even under pressure, in basements, tunnels, subways, etc
- For sealing watertight rigid joints in hydraulic concrete structures, sewers, tanks and canals

**Mapeband TPE**
- TPE tape for flexible sealing and waterproofing structural joints subject to movements up to 5 or 10 mm
- For expansion joints in road-works, water tunnels and covering applications

**Mapelastic Foundation**
- Two-component, flexible cementitious mortar for waterproofing
- For concrete surfaces subject to negative or positive hydrostatic pressure
- For foundation walls, car-parks, environments below ground level, water channels and swimming pools
- To be applied by roller or spray
- For horizontal and vertical surfaces at a thickness of at least 2 mm

**Plastimul**
- Solvent-free, bitumen waterproofing emulsion for general purpose use
- For horizontal and vertical surfaces
- For foundations, retaining walls, layers beneath tiles, etc
### BATHROOMS, DAMP ENVIRONMENTS, SWIMMING POOLS, BALCONIES and TERRACES

#### SELECTION CHART

<table>
<thead>
<tr>
<th></th>
<th>Horizontal and vertical surfaces</th>
<th>Fillets</th>
<th>Joints</th>
<th>Cross-members</th>
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### UNDERGROUND STRUCTURES

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<th>Reinforced concrete walls with negative lift</th>
<th>Brick walls with negative lift</th>
<th>Lift shaft</th>
<th>Structural joint</th>
<th>Construction joint</th>
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