

# SHOWER WATERPROOFING KIT

Provides an essential waterproofing system compatible with today's frequently used showers



## WHERE TO USE

Waterproofing indoor floor and wall surfaces that are not subject to rising damp or in permanent water immersion. Flexible, anti-fracture membrane. Apply before the installation of ceramic tiles or stone material. **Shower Waterproofing Kit** may be used on the following:

- Moisture resistant plasterboard, gypsum plaster, cementitious render & tile backer boards.
- Existing ceramic finishes after the application of **Eco Prim T Plus** primer (Neat).

## ADVANTAGES

- Ready to use.
- Rapid application.
- Floor coverings may be installed after 12 - 24 hours.
- Excellent elongation properties.
- No reinforcement required.
- Some application examples: Waterproofing walls and floors in bathrooms and shower cubicles before laying ceramic tiles, natural stone and mosaic. Waterproofing kitchen walls and floors, and work tops before laying ceramic tiles and natural stone.

## RECOMMENDATIONS

- Do not apply **Mapegum WPS** if the temperature is lower than +5°C.
- Create sloping surfaces where necessary to avoid the formation of puddles of water.
- Do not apply **Mapegum WPS** on damp cementitious substrates or on substrates which are subject to rising damp. Do not use **Mapegum WPS** on surfaces continuously immersed in liquid such as swimming pools, fountains, storage tanks, etc.
- Do not use **Mapegum WPS** to cover cracks.
- **Mapegum WPS** must be protected from abrasion caused by pedestrian traffic by installing ceramic tiles or stone material.
- Do not use over painted surfaces.

# APPLICATION PROCEDURE

## Preparation of the substrate

Substrates must be solid, clean, dry and free of oil, grease, old paintwork or any other material which could affect the bond. When it is applied on existing ceramic coatings, accurately check if the substrate is sound, and clean all the mould, loose material, etc. Cementitious substrates must be stable and dry, and not subject to rising damp.

Allow the following minimum drying times before commencing waterproofing/tiling:

- Gypsum plaster - 4 weeks (1 week for skim coats to plasterboard)
- Sand: cement render - 2 weeks
- Concrete - 6 weeks Ensure that all construction boards are well secured and rigid with no protruding fixings and that proprietary boards are installed as per manufacturer's instructions.

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Substrates which are highly absorbent or gypsum-based must be pre-treated with **Shower Waterproofing Kit Primer** (ensure thorough penetration). Wait 30 minutes to 2 hours until the coating of **Shower Waterproofing Kit Primer** is completely dry. Polished gypsum plaster must be perfectly dry sanded, cleaned and treated with the **Shower Waterproofing Kit Primer**. Existing substrates of ceramic tiles or natural stone must be treated with a neat coat of **Eco Prim T Plus** (sold separately) primer before applying **Mapegum WPS**.

## Application of the product

In order to guarantee continuity in the **Shower Waterproofing Kit**, we recommend placing **Shower Waterproofing Tape** to form elastic joints between internal wall angles and board joints, around pipe penetrations and at junctions between wall and bath/shower tray.

Carefully cut the enclosed **Shower Waterproofing Tape** to the correct size using a sharp knife or scissors. Where a shower tray, GRP shower base or bath is used, thoroughly degrease the edges to be waterproofed with a suitable solvent such as acetone. Lightly abrade the contact area and wipe again with the solvent. Do not prime the GRP surfaces.

Using a brush apply a narrow strip of **Mapegum WPS** (slightly wider than the **Shower Waterproofing Tape**) to the areas (including shower trays and bases). When applying **Shower Waterproofing Tape** to the shower base / bath cut one side of the scrim edge from the **Shower Waterproofing Tape** leaving the grey rubber centre. Do not cut for other areas e.g. internal wall angles. Ensure that the waterproof tape sits on the shower base, cut edge outermost, but does not protrude beyond the thickness of the tile finish and its adhesive bed. When installing the **Shower Waterproofing Tape** ensure the tape site flush to the substrate with no air pockets or crease.

The product **Mapegum WPS** must be applied evenly in thin coats. Wait until the first coat is dry before applying further coats crossways (1-2 hours according to temperature conditions). The final thickness of **Mapegum WPS** must never be less than 0.8 mm (equivalent to a dry thickness of 0.5 mm), in order to form a consistent, flexible continuous coat. Make sure that there are no gaps caused by imperfections in the substrate.

After 12-24 hours from applying the final coat of **Mapegum WPS** (according to temperature conditions), the surface is ready for laying ceramic tiles or natural stone, etc. Use an adhesive from the MAPEI range to lay ceramic tiles and natural stone; class C2 if it is cementitious based or class D2TE if it is a water dispersion type, in accordance with standard EN 12004.

## Laying the tiles

After installing the **Shower Waterproofing Kit** wait:

- 12-24 hours on absorbent substrates;
- 4-5 days on substrates which are not absorbent. Lay the tiles using an adhesive from the MAPEI range (such **Keraquick S1**, **Adesilex P9** or **Keraflex Maxi S1**); the width of the joints depends on the size of the tiles to be laid.

Grout the tile joints using **Ultracolor Plus**, **Keracolor FF** or with **Kerapoxy** or **Kerapoxy CQ**, available in a variety of colours. Expansion joints must be sealed using either **Mapesil AC** or **Mapesil LM** silicone sealants.

## Cleaning

**Mapegum WPS** may be easily removed while still fresh from tools and surfaces with water.

# CONSUMPTION

**Shower Waterproofing Kit** is designed to waterproof approximately 4m<sup>2</sup> equivalent to an 800x800mm corner shower enclosure.

# PACKAGING

**Shower Waterproofing Kit Primer** 0.5kg

**Mapegum WPS** 5 kg drums.

**Shower Waterproofing Tape** 10m roll.

## STORAGE

Up to 24 months in original packaging.  
Protect from frost.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website [www.mapei.co.uk](http://www.mapei.co.uk).

## TECHNICAL DATA

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY	Mapegum WPS*	Shower Waterproofing Primer
Consistency:	paste	liquid
Colour:	Light grey	Light blue
Density (g/cm <sup>3</sup> ):	1.45	1.01
pH:	9.0	8.5
Product identity Dry solids content (%)	73	18
APPLICATION DATA (at +23°C - 50% R.H.)		
Application temperature range:	from +5°C to +35°C	
Waiting time between the first and second coat:	approx. 60 min**	30 min-2 hours**
Waiting time before installing waterproofing coating or tile finish:	12-24 hours**	30 min-2 hours**
Completely dry (1 mm of thickness) at +23°C:	5 hours	

\* More detail is available on Mapei **Mapegum WPS** Technical Datasheet or by contacting Mapei Technical Services. \*\* Drying time is influenced by ambient temperatures and humidity.

### N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application.

No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification.

End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.co.uk](http://www.mapei.co.uk)

## LEGAL NOTICE

*The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.*

*The most up-to-date TDS can be downloaded from our website [www.mapei.co.uk](http://www.mapei.co.uk).*

*ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.*



1. Prime



2. Prepare the tape for joints



3. Apply the tape to the joints



4. Apply a Mapegum WPS



5. Tile using a suitable adhesive



5. Apply grout and sealant

186-8-2021 (UK)

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