

Associated Products

Mapeguard Membrane

COMPLETE YOUR PROJECT WITH...

Installation Guide

Where to use:

Mapeguard Membrane, when used as part of a system, offers the following:

- Quick, easy to install waterproof barriers which prevent leaks and protect moisture sensitive substrates.
- Anti-fracture membrane to prevent cracked tiles where movement / thermal stresses may be present. For example, installing on to challenging substrates such as timber or heated floor systems.

Mapeguard Membrane is an excellent solution for waterproofing showers, wet rooms, bathrooms and kitchens.

PRODUCT TECHNICAL DATA

Colour:	Grey
Total width (+/- 5mm):	1000mm
Total thickness (approx):	0.44 - 0.48mm
Coating thickness at spine (approx):	0.2mm
Material weight (approx):	251 - 256 g/m ²
Resistance to temperature: min. / max.	-30°C / +90°C

Waterproofing



MIK710130

Powder Adhesives



Grouts



Project Overview

Building a shower or wet room can be one of the most rewarding projects for home owners. The design and construction requires careful consideration in terms of stability, layout and fittings, but perhaps the most important factor of all is making sure everything remains watertight.

Mapei can help with the provision of proven systems for designing and building the perfect project. The Mapei range of products include prefabricated shower base boards, drain outlets, sheet and liquid applied membranes, pipe gaskets, prefabricated corner sections, tile adhesive, colour matched waterproof grout and silicone sealants.

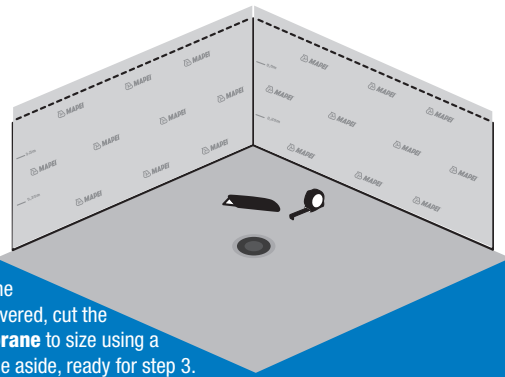
If you need any help or advice during your installation, please call our **Technical Department** on **0121 508 6970 (Option 2)** and a member of the team will be happy to help.

For product data sheets please visit www.mapei.co.uk and search for **'Mapeguard Membrane'**. You can also visit our **YouTube** page to see our latest installation videos.



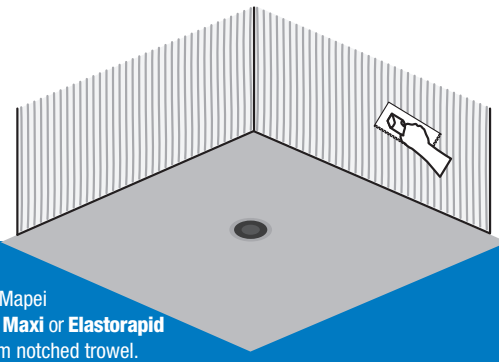
Mapeguard Membrane Installation Guide

1.



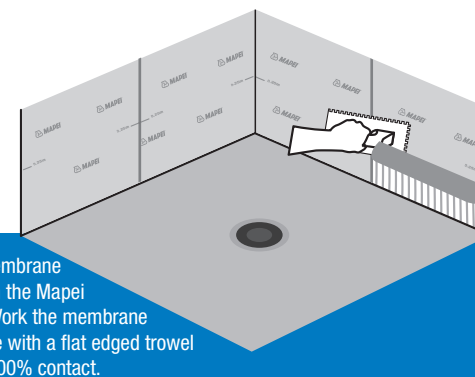
Carefully measure the wall area(s) to be covered, cut the **Mapeguard Membrane** to size using a sharp knife and place aside, ready for step 3.

2.



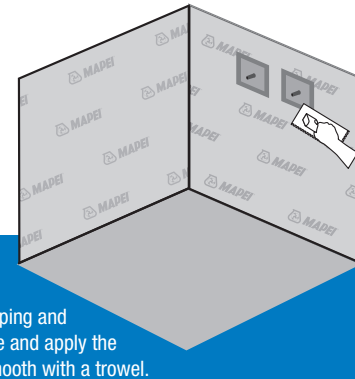
Suitably prepare the substrate then apply Mapei **Keraquick, Keraflex Maxi or Elastorapid** adhesive using a 6mm notched trowel.

3.



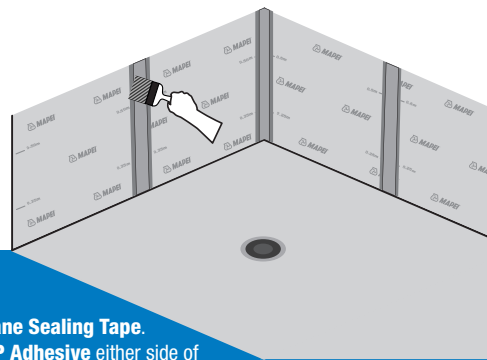
Position the pre cut membrane onto the adhesive, with the Mapei logo facing upwards. Work the membrane firmly into the adhesive with a flat edged trowel making sure there is 100% contact.

4.



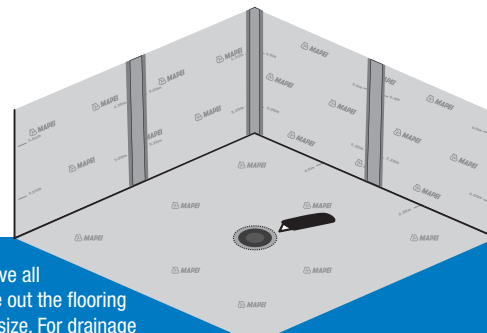
When applying Mapeguard Membrane, take care to cut out small holes where piping will come through. Around the piping and the hole, apply Mapeguard WP Adhesive and apply the square elastic gasket into place and smooth with a trowel.

5.



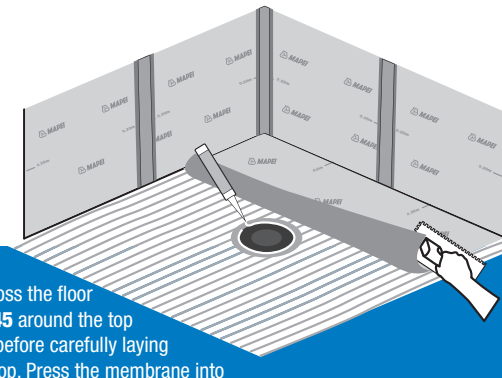
Along the joints, apply **Mapeguard Membrane Sealing Tape**. Apply **Mapeguard WP Adhesive** either side of the joint and lay the sealing tape directly into the wet liquid. While still wet, apply a second coat of **Mapeguard WP Adhesive** and paste into place.

6.



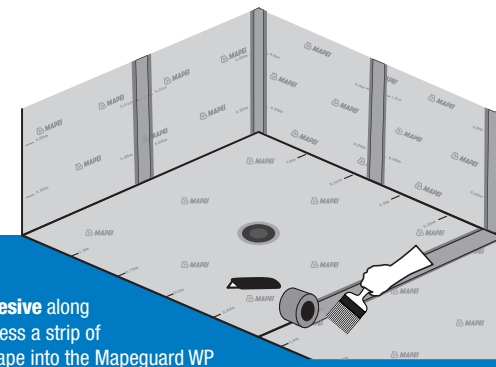
Once vertical strips have all been applied, measure out the flooring membrane and cut to size. For drainage outlets, pierce the membrane and carefully trace the inner circumference with a sharp knife. Once cut place aside.

7.



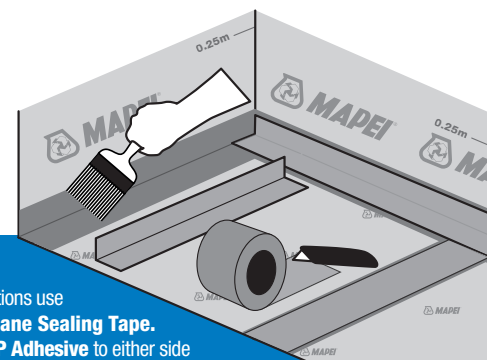
Apply adhesive across the floor and **Mapeflex MS45** around the top edge of the outlet, before carefully laying the membrane on top. Press the membrane into both the adhesive and **Mapeflex MS45** using a trowel and remove any **Mapeflex MS45** that exits when pressed into place.

8.



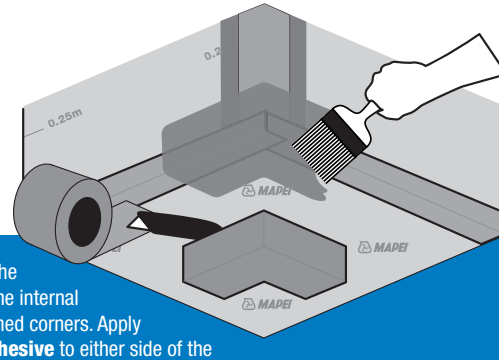
As in point 5, apply **Mapeguard WP Adhesive** along the floor joints and press a strip of Mapeguard Sealing Tape into the Mapeguard WP Adhesive and smooth with a trowel. Whilst wet apply a second coat of **Mapeguard WP Adhesive** encapsulating the tape. Repeat the process for all joints.

9.



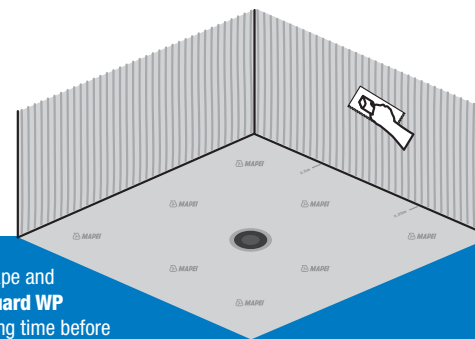
6a. For floor/wall junctions use **Mapeguard Membrane Sealing Tape**. Apply **Mapeguard WP Adhesive** to either side of the floor/wall junction along the length of the section and lay the **Mapeguard Sealing Tape** directly into the wet coating. Whilst wet apply a second coat of **Mapeguard WP Adhesive** encapsulating the tape.

10a.



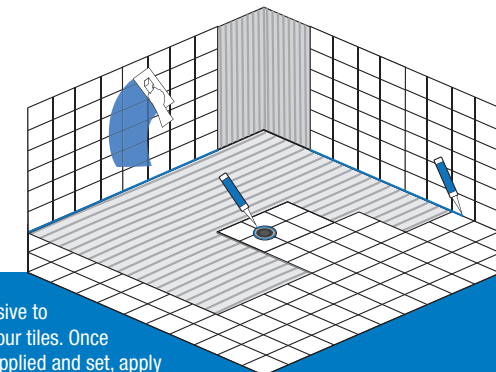
For the corners use the Mapeguard Membrane internal and external pre formed corners. Apply **Mapeguard WP Adhesive** to either side of the wall/floor junction along the length of the section to take the pre formed corner. Lay the pre formed corner directly into the wet coating. Whilst wet, apply a second coat of **Mapeguard WP Adhesive** encapsulating the corners.

11.



When fixing onto the tape and corners, allow **Mapeguard WP Adhesive** 4 hours drying time before commencing with the wall tiling application. Ceramic tiles or mosaics can be laid immediately onto the **Mapeguard Membrane**, using your chosen Mapei adhesive as mentioned in **Step 2**. Once tiled, leave to set as per instructions.

12.



Next, apply the adhesive to the floor and apply your tiles. Once the tiles have been applied and set, apply the **Ultracolor Plus, Kerapoxy CQ or Keracolor Flex** grout according to the instructions. Once grouting is complete, apply **Mapesil AC** to the outside edges of the drainage outlet and the wall/floor junctions to ensure a secure seal.