

Mapenet 150

Alkali-resistant fibre glass mesh used to reinforce waterproof protection layers, anti-fracture membranes and cementitious smoothing and levelling layers



WHERE TO USE

Reinforced strengthening for:

- Mapelastic, Mapelastic Smart, Monolastic or Monolastic Ultra** used for waterproofing terraces, balconies, swimming pools, baths, shower cubicles, etc. with ceramic tile or stone finishes;
- protective, flexible smoothing layers of **Mapelastic, Mapelastic Smart, Monolastic or Monolastic Ultra** applied on internal and external cementitious substrates with micro cracks;
- particularly stressed areas in waterproofing layers made using **Mapegum WPS** and **Aquaflex**;
- Aquaflex** or **Mapegum WPS** when used to form anti-fracture membranes on internal screeds and walls with micro cracks;
- Plastisol 1** when used to repair cracked bitumen membranes and **Plastimul** when applied on substrates with micro cracks.

TECHNICAL CHARACTERISTICS

The mesh is made from glass fibres treated with a special primer which makes it resistant to alkalis and improves its bond to all waterproofing and smoothing and levelling products (where its use is recommended).

Once the smoothing and levelling compound or waterproofing layer has hardened, the glass fibre mesh reinforces the layer to protect against the formation of cracks due to movement in the substrate or the tiled surface. It also makes it easier to apply an even layer of smoothing and levelling compound approximately 2 mm thick and improves the systems resistance to temperature variations and abrasion.

APPLICATION PROCEDURE

The glass fibre mesh must be completely embedded in the waterproofing layer or smoothing and levelling compound. Apply the mesh as follows:

- with a smooth trowel, apply an even layer approximately 1-1.5 mm thick of the waterproofing or smoothing and levelling product;
- while the product is still fresh, lay the **Mapenet 150** mesh on the surface and press it gently with the trowel so that it is embedded in the layer;
- wait for the layer to dry (usually 12 to 24 hours dependent on the type of product used, the thickness applied and the surrounding temperature and level of humidity) and, if required, apply a second layer of the product.

Overlap each piece of glass fibre by at least 5/10 cm.

PACKAGING

50 metre rolls, 1 m wide.

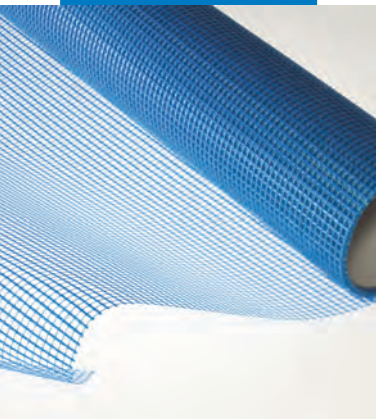
PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our web site www.mapei.com

Mapenet 150



Waterproofing with
Mapelastic reinforced
with Mapenet 150

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Colour:	blue
Weight (g/m²):	150 (± 5%)
Mesh size (mm):	4 x 5
Resistant to alkalis:	yes (according to ETAG 004 guidelines)
Storage:	unlimited in its original packaging if stored in a clean, dry place.
Customs class:	7019 59 00

TENSILE STRENGTH (in conformity with tests in the ETAG 004 guidelines)

Approximate breakage strength of mesh:	warp > 40 N/mm (equal to 2000 N/5 cm) weft > 40 N/mm (equal to 2000 N/5 cm)
Approximate breakage strength after ageing:	warp > 20 N/mm (equal to 1100 N/5 cm) weft > 20 N/mm (equal to 1100 N/5 cm), always > 50% of the value as is

All relevant references for the product are available upon request and from www.mapei.com