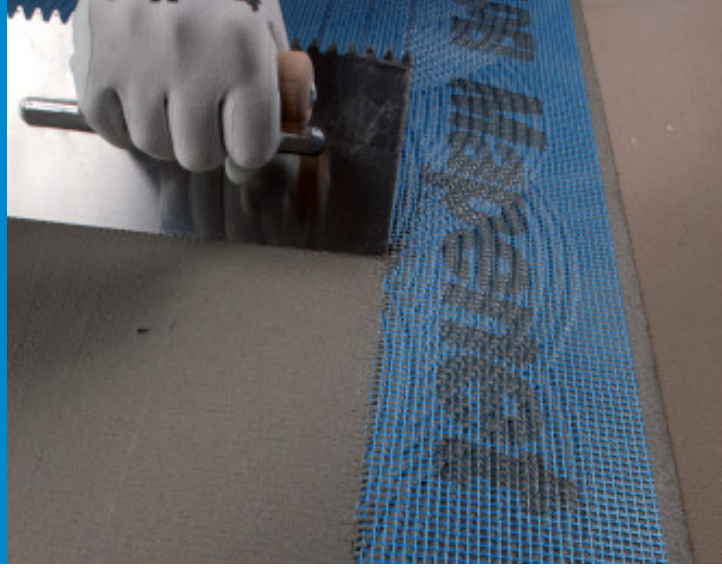
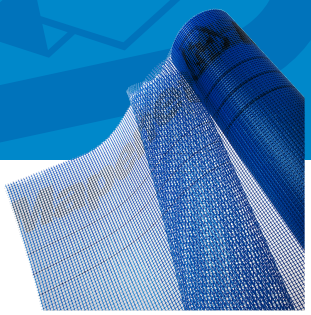
MAPENET 150

Alkali-resistant glass fibre mesh (in compliance with the ETAG 004 guide) for reinforcing protective waterproofing layers, anti-fracture membranes and thermal insulation systems





WHERE TO USE

Reinforced strengthening for:

a) **Mapelastic**, **Mapelastic Smart**, **Mapelastic Turbo** or **Monolastic** used for waterproofing terraces, balconies, swimming pools, baths, shower cubicles, etc. with ceramic tile or stone finishes;

b) protective, flexible smoothing layers of **Mapelastic**, **Mapelastic Smart**, **Mapelastic Turbo** or **Monolastic** applied on internal and external cementitious substrates with micro cracks;

c) products of the **Plastimul** range when applied on substrates with micro cracks;

d) cementitious skim coats in general.

TECHNICAL CHARACTERISTICS

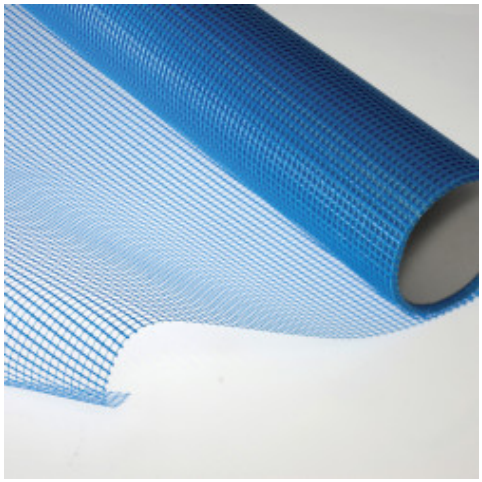
The mesh is made of glass fibres treated with a special coating that provides resistance to alkalis (as specified in ETAG 004, paragraph 5.6.7.1).

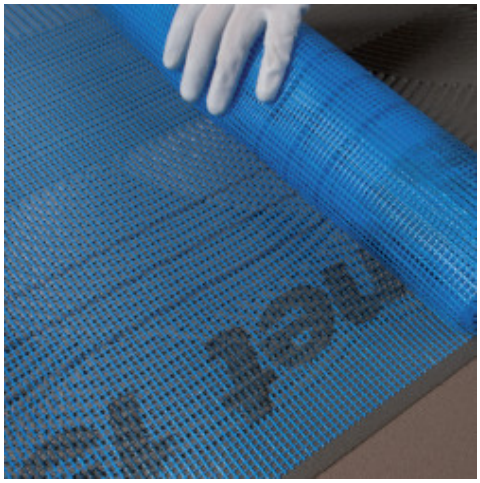
Once the waterproofing layer where it is installed has hardened, **Mapenet 150** reinforces the layer to protect against the formation of cracks due to movement in the substrate or the tiled surface. It also makes it easier to apply an even layer of the chosen product and improves the system's resistance to temperature variations and abrasion.

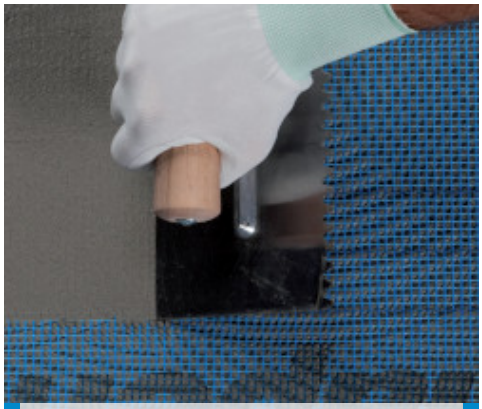
APPLICATION PROCEDURE

Mapenet 150 must be completely embedded in the layer to be reinforced. Apply the mesh as follows:

- apply an even layer of the 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 and, if required, apply a second layer of the product.
- Overlap each piece of **Mapenet 150** by at least 5 cm.







Waterproofing with Mapelastic reinforced with Mapenet 150

PACKAGING

50 metre rolls, 1 m wide. The product may be stored for limitless time if stored in a clean and dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapenet 150 is an article and referring to the current European regulations (Reg. 1907/2006/EC - REACH) does not require the preparation of the Safety Data Sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Colour:	blue
Weight (g/m²):	150
Mesh size (mm):	4 x 4.5
Resistant to alkalis:	yes (according to ETAG 004 test, paragraph 5.6.7.1)

TENSILE STRENGTH	
Breaking strength of mesh (ETAG 004 Cl.5.6.7.1.1):	warp > 32 N/mm (1600 N/5 cm) weft > 32 N/mm (1600 N/5 cm)
Breaking strength after ageing alkaline solution (ETAG 004 Cl 5.6.7.1.2):	warp ≥ 20 N/mm (1000 N/5 cm) weft ≥ 20 N/mm (1000 N/5 cm), always > 50% of the value as is

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

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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 effect at the time of the MAPEI product installation.
For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com.
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