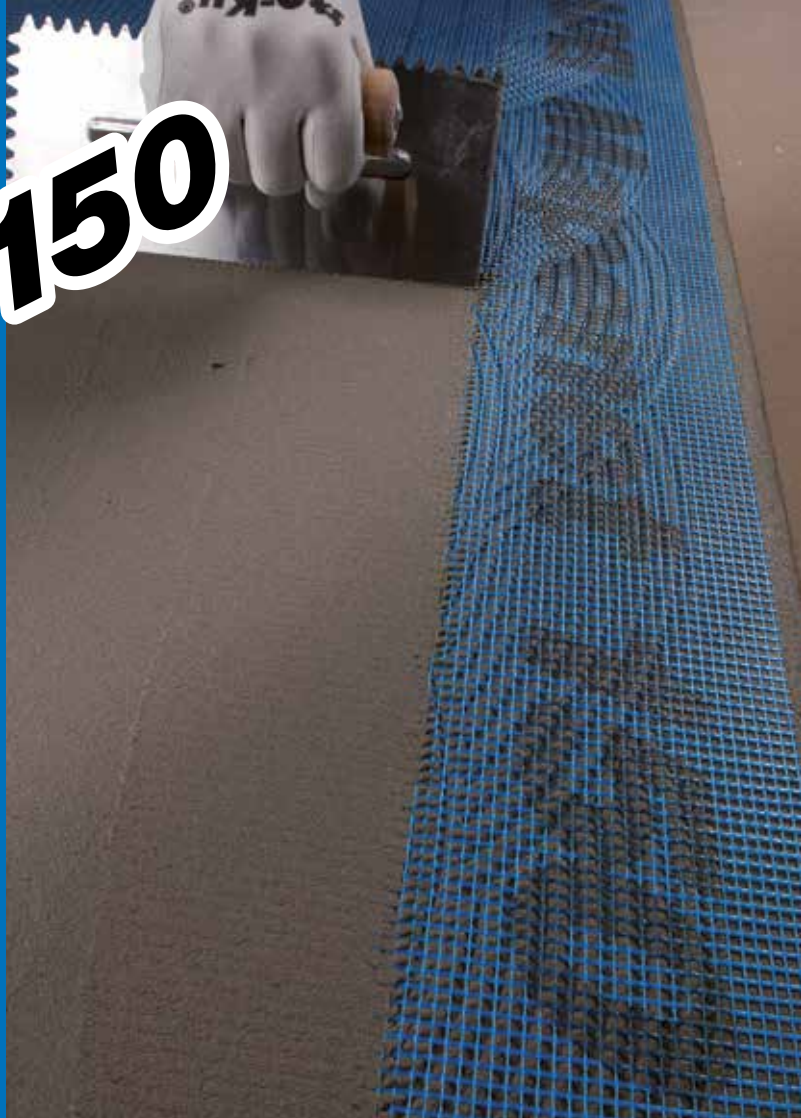


Mapenet 150

Alkali-resistant (according to ETAG 004 directive) 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, Mapelastic Turbo** or **Monolastic** 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, Mapelastic Turbo** or **Monolastic** applied on internal and external cementitious substrates with micro cracks;
- particularly stressed areas in **Mapegum WPS** liquid membrane;
- Mapegum WPS** when used to form anti-fracture liquid membrane on internal screeds and walls with micro cracks;
- products of the **Plastimul** range when applied on substrates with micro cracks;
- cementitious skim coats in general.

TECHNICAL CHARACTERISTICS

The mesh is made from glass fibres treated with a special primer which makes it resistant to alkalis. 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.

PACKAGING

50 metre rolls, 1 m wide.

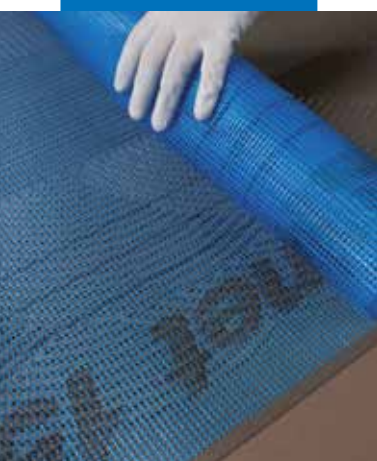
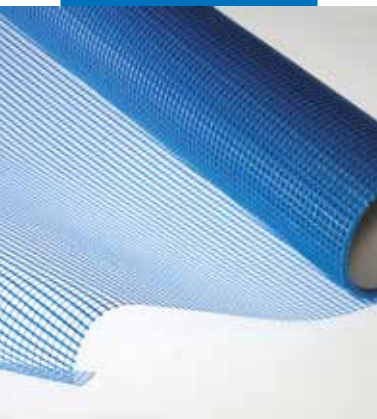
The product may be stored for limitless time if stored in a clean and dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapenet 150 is an article and referring to the current European regulations (Reg. 1906/2007/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.

Mapenet 150



Waterproofing with
Mapelastac reinforced
with Mapenet 150

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

| | |
|-----------------------------|---------------------------------------|
| Colour: | blue |
| Weight (g/m ²): | 150 (± 5%) |
| Mesh size (mm): | 4x5 |
| Resistant to alkalis: | yes (according to ETAG 004 directive) |

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 |

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

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 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. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.

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



BUILDING THE FUTURE