

Mapetex GRP 225

A chopped-strand, fiberglass mat for tensile reinforcement of liquid-applied, waterproofing membrane systems

WHERE TO USE

Mapetex GRP 225 is used as a reinforcement fabric to improve the tensile strength of liquid-applied waterproofing membranes where the area of application is subject to movement, and to help bridge micro-cracks.

Some application examples

As a reinforcement fabric between application layers of waterproofing, for example :

- **Aquaflex Roof-MY**
- **Plastimul PU W**
- **Plastimul PU**
- **Plastimul MY** and **Plastimul RBE MY**

TECHNICAL CHARACTERISTICS

Mapetex GRP 225 is a mat made of chopped fiberglass strands, randomly distributed and bound with a resin to provide multi-directional tensile strength. It has good wet-through properties and is resistant to atmospheric agents, dimensionally stable, light and easy to handle, easy to cut, and readily adaptable to the substrate profile.

RECOMMENDATIONS

- Do not fold or allow creases to form in **Mapetex GRP 225**.
- Do not use **Mapetex GRP 225** for structural reinforcement.

APPLICATION PROCEDURE

Preparation of the substrate

All substrates, whether they are new or old, must be

solid, clean, dry and free of all traces of oil, grease, old paint, rust, mould and any other material which could compromise the bond. All sharp protrusions must be ground smooth. Concrete and cement substrates must be solid and dry with no rising damp. Any loose parts must be removed. Any hollows in the surface must be repaired with the **Mapegrout** range of mortars and allowed to cure fully. All wax, water-repellent treatments, etc, must be removed with a suitable detergent and/or by sanding.

Application procedure for Mapetex GRP 225

1. After application of the first neat coat of waterproofing, while the material is still fresh, carefully lay **Mapetex GRP 225** on the surface and press it down firmly with a flat-bladed trowel to make sure it is perfectly wetted.
2. Observe the waiting time before applying the second neat coat of waterproofing, making sure the **Mapetex GRP 225** is fully covered.
3. Allow at least 50 mm overlaps of **Mapetex GRP 225** at all end and side laps.

PACKAGING

Mapetex GRP 225 is available in 1.04 m x 120 m ($\pm 5\%$) rolls.

STORAGE

Store in a dry covered area at a temperature range of between $+15^{\circ}\text{C}$ and $+35^{\circ}\text{C}$

SAFETY INSTRUCTION FOR PREPARATION AND APPLICATION

Mapetex GRP 225 is an article that does not require a Material Safety Data Sheet. When using this product we recommend wearing gloves and safety goggles, and to adhere to the safety guidelines for the area in which work is carried out.

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 website www.mapei.com

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

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Appearance:	mat with chopped fiberglass strands, randomly distributed and bound with resin
Colour:	white
Material of fibres:	e-glass
Roll width (mm):	1,040 ±5
Roll weight (kg):	30 ±2
Areal weight (ISO3374:2000)(g/m ²):	225 ±10
Binder content (ISO 1887:1995)(%):	5.1
Moisture content (ISO3344:1997)(%):	0.048
Tensile breaking force (ISO3342)(N/150 mm):	350 (warp and weft)
Penetration (s):	30



BUILDING THE FUTURE

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