

Mapetex GEO 2280

A spun-bonded, polyester fabric for tensile reinforcement of liquid-applied waterproofing membranes

WHERE TO USE

Mapetex Geo 2280 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 MY** and **Plastimul RBE MY.**
- **Plastimul PU.**

TECHNICAL CHARACTERISTICS

Mapetex Geo 2280 is a spun-bonded polyester fabric manufactured from round, homopolymer fibres. It is resistant to atmospheric agents, dimensionally stable, light and easy to handle, easy to cut, and readily adaptable to the substrate profile.

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 Geo 2280

1. After application of the first neat coat of waterproofing, while the material is still fresh, carefully lay **Mapetex Geo 2280** 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 Geo 2280** is fully covered.
3. Allow at least 50mm overlaps of **Mapetex Geo 2280** at all end and side laps.

PACKAGING

Mapetex Geo 2280 is available in 100m² bundles.

STORAGE

Store in a dry covered area.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Type of fibre	round, straight, homopolymer, polyester fibres
Thickness, ASTM D1777 (mm):	0.11
Sheet grab tensile, ASTM D4632	
- Longitudinal, (N):	46
- Transverse, (N):	33
Sheet trapezoidal tear, ASTM D1117	
- Longitudinal (N):	13.3
- Transverse (N):	18.7
Tex test air permeability, ASTM D737 (cc/s/cm ²)	691

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

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



BUILDING THE FUTURE

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