MAPEI

Mapetex 50

Non-woven polypropylene fabric (weight 50 g/m²) for reinforcing waterproof membranes

WHERE TO USE

Non-woven polypropylene reinforcement fabric applied in combination with **Mapelastic AquaDefense** (quick-drying, liquid membrane for waterproofing internal and external surfaces), **Mapegum WPS** (liquid membrane for waterproofing internal surfaces) and with **Aquaflex Roof** products range, ready-mixed liquid elastic membranes for external waterproofing work.

TECHNICAL CHARACTERISTICS

Mapetex 50 is a black coloured non-woven fabric; weight 50 g/m².

Mapetex 50 is made from single heat-welded polypropylene threads, through a process that guarantees an omogeneous product, and it is particularly recommended for providing added strength to ready-to-use liquid membranes.

ADVANTAGES

- Due to its special properties, it improves the mechanical characteristics of the products it is combined with (toughness, puncture resistance, elongation at failure and crack-bridging ability).
- Easy to use: available in handy 20 cm wide rolls for overlapping and forming around construction features.
- Dimensionally stable.
- Light and easy to handle.
- Easy to cut.
- May be adapted to the profile of all types of substrate.

APPLICATION PROCEDURE

1. Prepare the substrate as specified in the relative Technical Data Sheet of the waterproofing product selected.
2. Apply the first coat of the selected product to the thickness recommended, and as the product is applied gradually, lay **Mapetex 50** immediately and press it down with a flat trowel or spiked roller so that it is embedded in the membrane.
3. Wait until the membrane is completely dry.
4. Apply a second even layer of the selected product so that it completely covers the **Mapetex 50**.

Adjacent sheets of **Mapetex 50** must overlap by at least 5 cm at both the longitudinal and transverse junction points.

If it rains between the first and second layer of liquid membrane, make sure the **Mapetex 50** is completely dry before applying the second layer.

Mapetex 50

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Type of fibre:	polypropylene
Appearance:	black coloured non-woven fabric
Weight (g/m²):	50
Thickness (mm):	0.3
Tensile strength (kN/m) (EDANA 20.2-89; EN 29073/3):	1.4 (longitudinal direction) 1.2 (transverse direction)
Elongation at failure (%) (EDANA 20.2-89; EN 29073/3):	> 95 (longitudinal direction) > 95 (transverse direction)

PACKAGING
Mapetex 50 is available in:
– 20 cm x 25 m rolls;
– 100 cm x 25 m rolls.

STORAGE
Store in a dry, covered area.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Mapetex 50 is an article and referring to the current European regulations (Reg. 1906/2007/CE - REACH) does not require the preparation of the material Safety Data Sheet. During use it is recommended to wear protective gloves and goggles and follow the safety requirements of the workplace.

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

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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 force at the time of the MAPEI product installation. The most up-to-date TDS can be downloaded from our website www.mapei.com. ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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

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