

TECHNICAL DATA SHEET

PENOSIL AquaBrake Fabric 435

Reinforcement fabric

Reinforcement fabric designed for hydro-insulation of walls and floors in wet and humid environments. Suitable for bathrooms, saunas, kitchens, balconies and terraces. Improves the effectiveness of waterproof sealants and mastics.

Main benefits

- Protects wet room floors and walls
- Completely watertight
- Crack bridging ability
- Suitable for heated floors
- Easy to use
- Can be cut into any shape or size
- Enhances the effect of waterproofing membranes
- For interior and exterior use

Fields of application

- Waterproofing bathrooms, saunas, kitchens, balconies, terraces and other wet and humid areas before tiling and other finishing works.
- Sealing and reinforcing floor draps, wall and floor connecting joints, around pipe penetrations and corners.

Technical data

Properties	Value	Unit
Weight	30	g/m ²
Composition	Polypropylen, UV stabilizer	
Tensile strength (MD*)	60	N/5cm
Tensile strength (CD*)	45	N/5cm

The indicated values refer to freshly produced material.

*MD - machine direction

*CD - cross direction

**Colour**

White.

Package

5 m² in plastic bag (4.2m x 1.2m).
10 m² in plastic bag (4.2m x 2.4m).

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Application instructions

Application conditions

Application temperature between +5 °C and +40 °C.

Surface preparation

Surfaces to be sealed must be clean, dry and free from any dust, loose particles and oil residues.

Application method

Cut the fabric into the correct size. If needed, leave an extra 5 to 7 cm to overlap the edges. Use a putty trowel to apply the fabric in the corners, around floor traps and penetrations.

Apply the first layer of PENOSIL AquaBrake Fiber 640 hydro-insulating mastic according to product usage instructions. Press the fabric tightly into the fresh mastic. Avoid air bubbles. Then cover the fabric with a second layer of mastic. Make sure the fabric is well immersed in the mastic.

Corners and joints

To reinforce the inner corners, cut at least 20 cm wide strip of fabric. For joints, cut at least a 10cm wide strip of fabric.

Floor trap

Around the bathroom trap, use a fabric at least 3 times the diameter of the opening, preferably two layers on top of each other.

Pipe penetration

To reinforce the pipe penetrations, cut the fabric with a diameter of at least 3 times bigger than the opening.

Cut a hole in the middle of the mesh tape that is 4 to 5 mm smaller than the penetrating tube diameter so that the edge of the fabric would cover the tube by 3 to 5mm.

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice. This TDS replaces and supersedes all previous data sheets on the same product.

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