

AQUAPANEL®

Exterior Basecoat

Cement-based mortar enhanced with synthetic resin



AQUAPANEL® Exterior Basecoat is a cement-bound, synthetic resin-enhanced basecoat. It is used when basecoating AQUAPANEL® Cement Board Outdoor with a thin layer of finishing plaster.

Preparation of the substrate

AQUAPANEL® Cement Board should be securely fastened to a dry, clean and dust-free load-carrying substructure.

Mixing

For manual application: stir the contents of the bag into approx. 6.3 litres of water. Apply and work the mixed plaster within 2 hours.

For application by machine: Add approx. 200 litres of water initially and adjust to give a thin consistency.

Processing

Apply AQUAPANEL® Exterior Basecoat 5-7 mm thick, spread to achieve a flat surface free from irregularities. Embed the AQUAPANEL® Exterior Reinforcing Mesh over the full surface, keeping it free of folds, close to the surface and with 10 cm joint overlaps. Laying time < 15 minutes. Opening time approx. 20 minutes. For plaster layers < 1 mm thick or for felted surfaces or those to be painted, the 30 cm wide AQUAPANEL® Exterior Reinforcing Tape is required over the board joints. In this case, the AQUAPANEL® Tape (10 cm) can then be omitted. AQUAPANEL® Exterior Reinforcing Mesh is then placed over the whole surface area.

The total thickness of the reinforcing layer formed from the AQUAPANEL® Exterior Basecoat and the AQUAPANEL® Exterior Reinforcing Mesh should be a minimum of 5 mm. Before further processing allow a drying time of 1 day per mm of thickness.

Technical data

AQUAPANEL® Exterior Basecoat is a general purpose rendering mortar (GP) for internal and external use (CS II) according to EN 998 – 1.

Reaction to fire	A 2
Water absorption	W 2
Water vapour diffusion coeff. μ	11
Adhesion	$\geq 0,08$ N/mm ² in dry and wet conditions
Thermal conductivity $\lambda_{10, dry}$ (tab. value EN 1745)	$\leq 0,47$ W/(m·K), P=50% $\leq 0,54$ W/(m·K), P=90%

Coverage

- Basecoat 5 mm application approx. 7.8 kg/m², using a standard trowel
- 3.2 m²/bag

Working time

Manual: approx. 8-10 minutes/m²
Machine: approx. 5 minutes/m²

Working temperature/climate

Do not use when air and/or wall temperatures are below +5°C. Protect fresh plaster from the effects of frost and rapid drying.

Method of delivery/storage

- 25 kg/bag
- Protect against moisture, storage life 9 months in a dry area

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