AQUAPANEL®

Exterior Basecoat – white

Cement-based reinforcing mortar enhanced with synthetic resin
AQUAPANEL® Exterior Basecoat – white is a cement bound, synthetic resin-enhanced basecoat. It is used for basecoating of AQUAPANEL® Cement Board Outdoor when finishing with a thin layer of decorative render or paint.

**Description**

AQUAPANEL® Exterior Basecoat – white is a cement bound, synthetic resin-enhanced basecoat. It is used for basecoating of AQUAPANEL® Cement Board Outdoor when finishing with a thin layer of decorative render or paint.

**Preparation of the substrate**

Ensure that the surfaces of the AQUAPANEL® Cement Board Outdoor are dry and dust-free. Ensure that no offsets, open joints or unevenness tolerances are present outside of the required specifications. Make sure the AQUAPANEL® Joint Filler - grey, into which AQUAPANEL® Tape (10 cm) is embedded, is adequately hardened and dry.

Form connections to adjoining building components with suitable sealing tape. Fit plaster stop beads at windows and doors to form the joint to the plaster system. Make sure all external corners have a mesh corner angle fitted.

**Preparation of the substrate**

Apply AQUAPANEL® Exterior Basecoat - white 5 mm thick, spread to achieve a flat surface, free from irregularities. Reinforcing strips approx. 30 x 50 cm are placed diagonally from the corners of all building openings. The mesh strips must start directly from the corners beneath the reinforcing mesh. Next, embed AQUAPANEL® Reinforcing Mesh horizontally over the full surface, keeping it free of folds, close to the surface and with 10 cm overlaps. Laying time is approx. 15 min. Open time is approx 20 min at approx 20°C. For plaster layers with grain size < 1 mm or for easy-to-spread felted surfaces, use a 20 cm wide strip of AQUAPANEL® Exterior Reinforcing Tape over the board joints as additional reinforcement. The AQUAPANEL® Tape (10 cm) can then be omitted.

The total dry thickness of the reinforcing layer formed by the AQUAPANEL® Exterior Basecoat - white and AQUAPANEL® Reinforcing Mesh should be a minimum of 4 mm. Before further processing allow a drying time of approximately 24 hours at 20°C. However, this time may be extended depending on temperature and humidity.

Where reinforced mortar surfaces are later to be in contact with banked earth or grit, make sure they are sealed according to current norms and standards after curing and drying to approx. 5 cm above the top edge of the ground contact area.

AQUAPANEL® Exterior Basecoat - white may be processed for further applications. These applications, which are not described in this product information sheet, require technical approval from Knauf Aquapanel.

**Material coverage**

Base coat with wet layer thickness 5 mm application:
approx. 6.3 kg/m² = 4 m²/bag

**Technical data**

- Reaction to fire: A1
- Water absorption: W2
- Water vapour diffusion coefficient: $\mu = 5$ (wet cup) or $\mu = 20$ (dry cup)
- Thermal conductivity $\lambda_{\text{dry}}$: $\leq 0.45$ W/(mK), P=50%
- Colour: natural white

**Working time**

- Manual: 8 to 10 minutes per m²
- Machine: 5 minutes per 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. Protect fresh surfaces from the effects of weathering.

**Method of delivery/storage**

- 25 kg/bag
- Protect against moisture, storage life 12 months in a dry area. For best quality store in original packaging up until use-by-date - see date printed on packaging.

Item code: 102812

AQUAPANEL® is a technologically advanced building system. Because it’s a system, it involves clear step-by-step process from design idea to project completion. AQUAPANEL® cement board panels, accessories and services work in unison – you can be certain that your project will all come together as planned.

AQUAPANEL® is a registered trademark.

Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, 58638 Iserlohn, Germany

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