



AQUAPANEL®

08/2017

AQUAPANEL® Exterior Basecoat

Cement-based mortar enhanced with synthetic resin

Description

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

Mixing

For manual application: stir the contents of the bag into approx. 5 litres of water. Apply and work the mixed plaster within 45 minutes.

For application by machine: Add approx. 140 litres of water initially and adjust to give a thin consistency.

Processing/application

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

The total thickness of the reinforcing layer formed by the AQUAPANEL® Exterior Basecoat and the AQUAPANEL® Reinforcing Mesh should be a minimum of 5 mm. Processing time for the mixed plaster is 45 minutes at approx. 20°C. 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 IV) according to EN 998 – 1.

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|---|---------------------------|
| Reaction to fire | A1 |
| Water absorption | W2 |
| Water vapour diffusion coeff. μ | $\mu = 5$ (wet cup) |
| table value according to EN 1745 | $\mu = 20$ (dry cup) |
| Thermal conductivity $\lambda_{10, dry, mat}$ | ≤ 0.47 W/(mK), P=50% |
| table value according to EN 1745 | ≤ 0.54 W/(mK), P=90% |

Material 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 12 months in a dry area

Item code: 49157

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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.

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