

KNAUF

AQUAPANEL®

AQUAPANEL® Cement Board

Be certain, choose AQUAPANEL®



AQUAPANEL®

07.2020

AQUAPANEL® Basecoat Fine

Fine cement-based mortar enhanced with synthetic resins

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Description

AQUAPANEL® Exterior Basecoat is a cement-bound, synthetic resin-enhanced basecoat. It is used for basecoating AQUAPANEL® Cement Board when finishing with a thin layer of finishing plaster, decorative render or paint. It is a general purpose (GP) mortar, suitable for internal and external use, according to EN 998-1.

Preparation of the substrate

Ensure that the surface of the AQUAPANEL® Cement Board is dry and dust-free. Ensure that no offsets, open joints or unevenness tolerances are present outside of the required specifications.

Processing/application

For manual application: stir the contents of the bag into approx. 6-7 litres of water. Apply and work the mixed plaster within 30 minutes.

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

Apply AQUAPANEL® Basecoat Fine 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.

The total thickness of the reinforcing layer formed by the AQUAPANEL® Basecoat Fine and the AQUAPANEL® Reinforcing Mesh should be a minimum of 5 mm. Processing time for the mixed plaster is 30 minutes at approx. 20°C. Before further processing allow a drying time of 1 day per mm of thickness.

Technical data

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

Reaction to Fire	A1
Compressive strength (28d)	CSII
Water Absorption	W 2
Thermal conductivity ($\lambda_{10, dry}$) table value according to EN 1745	$\leq 0,67$ W/(m K) P=50% $\leq 0,76$ W/(m K) P=90%
Density (wet mortar)	1500-1700 kg/m ³
Density (dry mortar)	1300-1500 kg/m ³
Water vapour diffusion coeff. μ table value according to EN 1745	25

Consumption

Basecoat Fine 5-7 mm application approx. 6-7 kg/m², using a standard trowel

Method of delivery/storage

- 25 kg/bag
- Protect against moisture, storage life 12 months in a dry area



AQUAPANEL®

KNAUF GYPSOPIIA ABEE

Tel.: 0030 210 9310567
Fax: 0030 210 9310568

www.knauf.gr

knauf@knauf.gr

Main Offices:

10 Euripidou Str., GR 176 74 Kallithea. Tel.: 0030 210 9310567, Fax: 0030 210 9310568

Plants & Training Centers:

Amphilochia: Stanos, GR 305 00. Tel.: 0030 26420 29100, Fax: 0030 26420 29112
Thessaloniki: Agrotomachio 592, PO Box 1362, GR 570 22, Nea Magnisia. Tel.: & Fax: 0030 2310 548995

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer.

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The stated constructional and structural design specifications and characteristics of building physics of Knauf systems can only be achieved with the exclusive use of Knauf system components, or other products expressly recommended by Knauf.