



AQUAPANEL®

Joint Filler & Skim Coating – white

Cement-bound filling material
for joint filling and skim coating by hand and machine

Description

AQUAPANEL® Joint Filler & Skim Coating – white is a cement-bound filling material for full-surface skim coating on AQUAPANEL® Cement Boards, for example before the application of a decorative plaster or paint finish. AQUAPANEL® Reinforcing Mesh must be embedded.

AQUAPANEL® Joint Filler & Skim Coating – white can be also used for filling joints between AQUAPANEL® Cement Board Indoor panels. AQUAPANEL® Tape (10 cm) must be embedded.

Preparation of the substrate

AQUAPANEL® Cement Boards must be fixed firmly to a structurally supporting framework and must be dry, clean and dust-free. The surface must be previously primed with AQUAPANEL® Board Primer.

Mixing

Stir 20 kg AQUAPANEL® Joint Filler & Skim Coating – white into approx. 6.8 l of cold, clean water (0.34 l water/kg AQUAPANEL® Joint Filler & Skim Coating – white). We recommend the use of a 600 rpm stirring machine. Use a clean mixing container and mixing tool.

Processing/Application

Joint treatment:

Tools: Float/smoothing trowel

Fill joints, place AQUAPANEL® Tape (10 cm) and press in with a trowel. Apply a thin layer to cover the tape.

Skim Coating:

Tools: Float/ trowel/ joint knife.

Auxiliary tools for full-surface skim-coating: notched trowel with 8/8mm teeth.

Apply AQUAPANEL® Joint Filler & Skim Coating – white to a thickness of ≥ 4 mm and spread evenly. If necessary, comb through with an 8/8 mm notched trowel. Press AQUAPANEL® Reinforcing Mesh over the whole area with approx. 10 cm joint overlaps and then skim over thinly.

To achieve a felted surface suitable for wallpapering or painting, skim over the first coat after hardening with a further 2 – 3 mm thick coat of AQUAPANEL® Joint Filler & Skim Coating – white. After stiffening has begun, felt the surface with a felt or sponge disc and, if necessary, with a smoothing float or trowel. Immediately after use, clean tools and equipment using clean water.

Machine application of AQUAPANEL® Joint Filler & Skim Coating – white:

Machine:

- Knauf PFT Ritmo 230V

Accessories:

- Ritmo fine plastering set, complete
- DT4.16 air compressor 230V 50/60Hz with 1m cable and three-pin plug RAL2004
- Ritmo pressure switch pressure controller
- A3-2L pump unit, complete

Material coverage

Approx. 0.7 kg/m²/mm (for full-surface skim coat).

Approx. 0.7 kg/m²/mm (joint treatment).

Technical data

Reaction to fire	A1
Water absorption	W2
Water vapour diffusion coefficient (table value EN 1745)	$\mu = 5$ (wet cup) $\mu = 20$ (dry cup)
Thermal conductivity $\lambda_{10, \text{dry, mat}}$ table value according to EN 1745	≤ 0.45 W/(mK), P=50% ≤ 0.49 W/(mK), P=90%



Working time

The material begins to stiffen approx. 45 minutes after stirring. Dirty mixing containers and tools, as well as high temperatures or wind can shorten the working time. Do not use the material once it has begun to stiffen.

Working time for hand application: approx. 16-20 minute/m² (incl. embedding the AQUAPANEL® Reinforcing Mesh).

Working time for machine application: approx. 11-12 minutes/m² (without the AQUAPANEL® Reinforcing Mesh).

Working temperature/climate

Filler should only be applied to AQUAPANEL® Cement Board once the board has adapted to the ambient climatic conditions. The material, ambient and base temperature must not fall below +5 °C.

Method of delivery/storage

- 20 kg/bag
- Store bags in a dry place. Pour the contents of damaged bags into a container and use first.
- Unopened storage life approx. 12 months

Note

Mix remaining dry material with water and put with the domestic waste. Do not empty the remaining dry material into a surface water drain or WC.

Item code: 131095

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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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