

AQUAPANEL®

Exterior Mineral Finish – white

*Mineral finishing plaster for use on top of
AQUAPANEL® Exterior Basecoat/
AQUAPANEL® Exterior Basecoat – white*



AQUAPANEL® Exterior Mineral Finish – white is a mineral finishing plaster with 2 mm grain for use on top of AQUAPANEL® Exterior Basecoat/AQUAPANEL® Exterior Basecoat – white for façade applications. It can be used as a smooth floating finishing render or freely structured using different tools and designs.

Preparation of the substrate

Cover easily-soiled building components and protect against moisture. Protect work surfaces that are exposed to weathering and precipitation. In bright sunlight and very warm weather, cover the scaffolding with netting until the plaster has dried or wait for more appropriate weather conditions before carrying out the work.

Remove dust, dirt or adhering plaster from affected parts of the substructure. Thinly roll/paint over AQUAPANEL® Exterior Basecoat/ AQUAPANEL® Exterior Basecoat – white after the appropriate holding time and drying using undiluted AQUAPANEL® Exterior Primer. Leave the primer to dry for at least 24 hours before applying AQUAPANEL® Exterior Mineral Finish – white.

Mixing

For manual applications, mix contents of 30 kg sack with 7.5 litres of water until smooth.

Allow mixture to settle for 15 minutes and stir through again. Always mix enough plaster to cover an entire area or section.

When machine processing, add approximately 200 litres of water with a D4-3 pump, then adjust to give a lean consistency that is not too thin. Fill hoses with paste mix.

Processing

Manual applications:

For manual applications, apply and work the mixed plaster within 2 hours using a float/ trowel to apply in a thickness to suit the grain size. Shape to desired structure using a PVC or stainless steel tool. Work wet-on-wet, so as not to further counterbore dry surfaces.

Machine processing:

Spray on plaster, spread with the trowel in a thickness to suit the size of the grain. Shape straight away with designated tool (foam rubber and sponge disk, PVC trowel, brush). Work wet-on-wet, so as not to further counterbore dry surfaces.

Machines/equipment:

Process using plastering machines such as the PFT G4/G5 or equivalent

Feeder casing: D4-3, half power

Screw feed: D4-3 Super

Mortar hoses: Ø 25 mm

Wet mortar carrying distance: up to 30 m

For both manual and machine processing applications, mix dry mortar with clean water so as not to contaminate the mixture. Clean all tools and equipment with water immediately after use.

Special observation

To prevent differences in colour tone due to weathering or processing, connected plastered areas should always be worked through from corner to corner with no gaps. For application on exposed surfaces and for coloured finish renders, a coat of colour equaliser is recommended.

Properties

- Building material class A
- Brilliant white and colouring possible (please request colour fan for AQUAPANEL® finishing plasters)
- Grain size 2 mm
- For interior and exterior use
- Factory-produced dry mortar, lime-cement bonded
- Poor in chromates
- Tempered
- Best bond
- Water repellent
- High diffusion rating
- Weatherproof
- Easy to form as desired
- Long wet life

Technical data

AQUAPANEL® Exterior Mineral Finish belongs to mortar group P II acc. to DIN 18550, for internal and external use (CS II) according to EN 998 – 1.

Density	1.4 kg/dm ³
Bending strength	1.5 N/mm ²
Comprehensive strength	3.1 N/mm ²
E-Modulus (dyn)	2800 N/mm ²
Water vapour diffusion coeff.	7
Capillary water absorption group	W2
Thermal conductivity λ_{10dry}	0.47 W/(m·K), P=50%
(tab. value EN 1745)	0.54 W/(m·K), P=90%

Coverage

- For a 2 mm layer, approximately 3.0 kg/m²
- 10 m² per bag

Working time

Manual: 12 minutes per m²
Machine: 12 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

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

Item code: 100286