



# EXCOAT

## Cement Based Plaster

### Product Data and Submittal Sheet

#### Description

- **EXCOAT**, is a cement-based hand and machine applied plaster.
- It is applied indoors and outdoors on brick, aerated concrete, concrete and ceiling surfaces by spraying using a plastering machine or applied by hand.
- **EXCOAT** is highly adhesive, easy and quick to apply.
- **EXCOAT** is resistant to water and moisture.

#### Usage

- Easy to apply with a long period of workability.
- Provides a highly adhesive.
- Breathable; allows water vapour to diffuse.
- Resistant to water and moisture. Used in interior and exterior applications.

#### Method Of Application

- **EXCOAT** must be applied to a surface that is smooth, stable, dust- and dirt-free to ensure good adhesion.
- Do not apply **EXCOAT** to loose, unsound or uneven surfaces. Such surfaces should be prepared with repair mortar if necessary.
- Highly absorbent and dry surfaces should be wetted, and **EXCOAT** should not then be applied until the surface is dry again.
- Rough rendering should be applied to concrete, aerated concrete surface before application start.
- Pour 35 kg **EXCOAT** into the machine's bunker. Add water at the rate of 7 L per bag. Once the plaster reaches the correct consistency, spray it onto the surface of the wall.
- For the mortar prepared by hand, 35 kg of **EXCOAT** should be mixed with 7 ltrs of clean water.
- Use depth gauge beading for a good finish. Apply the plaster by spraying between two plaster beading strips.
- For thicker applications, apply two coats. Wait at least 24 hours for the first coat to cure, then apply a second coat of between 1 cm and 2.5 cm thick. Wet the surface of the first coat before applying the second coat.
- The surface should be wetted at intervals of one for everyday for 2-3 days and kept moist, depending on environmental conditions, to obtain the desired strength.

#### Recommendations

- Never mix **EXCOAT** with any other product or material.
- Avoid application on surfaces directly exposed to sunlight, and in direct sunlight or windy conditions.
- Do not apply **EXCOAT** at temperatures below +5°C or above +35°C.
- Use plaster mesh to join the boundaries of different materials and where movement might be visible.
- Do not apply on very hot surfaces exposed to the sun for a long time, or on frozen surfaces.
- Allow to rest for at least 5 days, depending on the ambient temperature, before other applications.

**RIGHTFINISH**

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### Storage Conditions

- **EXCOAT** can not be stacked more than 12 bags on top of each other.
- As per the instructions on the packaging, **EXCOAT** should be stored indoors in a dry, moisture-free environment and should be used within 9 months of the date of manufacture.
- Poor storage conditions or exceeding the shelf-life may cause the physical properties of **EXCOAT** to deteriorate.

### Standard

TS EN 998-1: 2011	Mortar for general purpose (GP) (CS III)
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### Technical Specifications

Chemical structure	Cement based
Colour	Gray
Water / Plaster ratio	7 lt of water for 35 kg <b>EXCOAT</b>
Coverage	-14 kg/m <sup>2</sup> for each 1 cm thickness
Dry bulk density of hardened mortar	1250 ± 250 kg/m <sup>3</sup>
Maximum grain size	2 mm
Compression strength	CS III (3.5-7.5 N/mm <sup>2</sup> )
Adhesive strength on substrate	≥ 0,2 N/mm <sup>2</sup> (FB:B) (According to TS EN 1015-12)
Capillary absorption kg/m <sup>2</sup> .min <sup>0.5</sup>	W0
Water vapour permeability coefficient (μ)	5/20
Thermal conductivity value	≤ 0,47 W/m.K (P= 50%)- ≤ 0,54 W/m.K (P= 90%)
Strength (thaw and frost)	Evaluation according to the valid provisions for the intended use of the mortar
Fire resistance class	A1: Noncombustible (According to TS EN 13501-1)

### Packaging

Type	Polypropylene laminated bags
Net weight	35 kg ±%2