

CEMENT-BASED DECORATIVE FINISHING MORTAR (TOP LAYER)

17/04/2025

Description

High-quality two-component cement-based finishing mortar that is UV- and chlorine-resistant, designed for seamless and durable decorative finishes, both indoors and outdoors. Especially developed for applications such as pools, terraces, floors, and walls. Always applied to a fully cured base layer.

Product details

- Component 1: Water-based acrylic resin – 5 L / 5 kg (canister)
- Component 2: Mortar with coarse quartz – 25 kg (bag)
- Colour: Standard in white, grey, beige, anthracite. Custom colours on request
- CE marking: EN 1504-3 (concrete repair R3)
- Layer thickness: 5–25 mm (apply in multiple layers if >10 mm)

Technical properties

- Compressive strength (28 days): 31 MPa
- Flexural strength: 10.5 MPa
- Adhesion to concrete: 2.9 MPa
- Slip resistance: Rd > 45, Class 3
- Chemical resistance (e.g. acids, fuel, oil)
- Curing at 20 °C:
 - 24h: pedestrian load
 - 48h: light traffic
 - 5 days: heavy traffic
- Consumption: ± 2 kg/m² per mm

Substrate Preparation

To be applied on a dry, fully cured base layer (min. 10 days drying time). Any levelling layers must dry first (1 day). Overflow areas should include reinforcement over the edge.

Quality Requirements

- Minimum application temperature: 5 °C
- Max. layer thickness per coat: 10 mm
- Layer must be uniform (ideal: 5–7 mm) to prevent cracking
- Curing time depends on temperature, humidity, and ventilation
- Application only by certified contractors

Additional Provisions

- Do not add water, cement, or residual material
- Do not apply in rain or temperatures < 5 °C or > 40 °C
- Uniform thickness prevents cracking
- Contact technical service for custom work or special cases

