

DEKK Base (BASE LAYER)

17/04/2025

Description

DEKK Base is a high-quality two-component cement coating that forms a flexible, waterproof layer after mixing. The product is specifically developed to protect against both positive and negative water pressure. DEKK Base can be used as a final finish or as a base layer for other DEKK products such as DEKK Solid or Refined.

Product details

- Component 1: Special water-based acrylic resin – 10 L / 10 kg (canister)
- Component 2: Cement-based mortar with additives and quartz – 25 kg (bag)
- Colour: Grey-brown
- CE marking: EN 1504-2 (concrete protection)

Technical properties

- Vapour permeable and waterproof
- Resistant to CO₂, chlorine, freeze/thaw cycles, de-icing salts, and root penetration
- Elongation at break: 59 ± 5%
- Crack bridging: Class A3 (-30 °C)
- Adhesion to concrete: 1.8–2.0 MPa
- Suitable for drinking water contact (BS 6920)
- Consumption: 2–3 kg/m² (2 layers of 1–1.5 mm)
- Drying time: 24 hours per layer
- Curing: 10 days for permanent water load at 20 °C, 50% RH

Substrate Preparation

The substrate must be clean, sound, and free of loose material. For outdoor applications, a suitable concrete primer is recommended. Apply the product firmly with a brush, trowel, or spray machine to a damp surface to ensure maximum adhesion. Reinforcement should be embedded in the first layer at corners and transitions.

Quality Requirements

- Minimum application temperature: 5 °C
- Drying time between layers: 12–24 hours
- Pot life: 30–60 min
- Full curing: at least 10 days
- Application only during dry weather (at least 24h dry after application)
- Application only by certified contractors

Additional Provisions

- Do not add water, cement, or other additives
- Not suitable for bituminous or plastic surfaces
- In case of doubt or specific use: contact manufacturer
- A fast-drying version (optional, for winter use) is available

