

PRB ACCROFIX

GENERAL-PURPOSE BASECOAT MORTAR FOR ROUGHCASTING



The **+** s of PRB ACCROFIX

- +** Its high binder content ensures bonding between the substrate and the mortar
- +** For use on new and existing concrete substrates
- +** Can be used on concrete, new and existing substrates and meets the requirements of the French DTU 26.1

PACKAGING

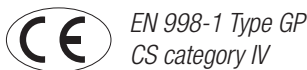
– Paper bag containing 25kg.

STORAGE LIFE: 12 months.

CONSUMPTION/USE

3 to 8 kg/m² for a thickness of 3 to 5 mm.

COLOUR: White.



APPLICATIONS

USES

- Exterior and interior walls.
- Interior walls of houses or buildings.
- Sound, sturdy old builds (contact us).
- French DTU Standards 20.1, 23.1 & 26.1.

SUITABLE SUBSTRATES

- Cast-in-place (DTU 23.1) and precast concrete.
- Breeze block masonry or brickwork (DTU 20.1) with standard or narrow joints.

- Cement undercoats and mixes (French DTU 26.1).
- For other substrates, please contact us.

UNSUITABLE SUBSTRATES

- Floors.
- All gypsum-based substrates (plaster).
- Paint & thick paint coatings
- Bare wood.
- Horizontal or sloping surfaces (except arches and soffits).

- Interior of ponds, pools and underground retaining walls.

COMPATIBLE SURFACING MATERIALS

- Single-coat and topcoat hydraulic renders.
- Traditional renders.
- Decorative renders.
- Levelling mortars and renders.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply to frozen, thawing, hot or damp surfaces. Do not apply to surfaces in full sunlight or during heavy rain and strong winds.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Type I Portland cement (white) & lime.
- Silica fillers.
- Rheological and water retention agents.
- Binding agents.

PRODUCTS

POWDER:

- Max. grain size: 2 mm
- Bulk density: 1.5 ± 1 t/m³

PASTE:

- pH (alkaline): 12.5 ± 0.1

PERFORMANCE OF THE MORTAR WHEN HARDENED:

- Density: 1.7 ± 0.1 t/m³
- Flexural strength: 3 to 7 MPa

PERFORMANCE ACCORDING TO EN 998-1 - GP GENERAL PURPOSE RENDERING MORTAR (CS CATEGORY IV):

- Compressive strength: CS IV (>6 N/mm²)
- Water vapour permeability: $\mu < 35$
- Heat conductivity (λ , 10, dry): 0.93 W/mK (established value)
- Adhesion/Rupture: > 0.5 N/mm² A, B or C
- Water absorption (W1): Capillarity < 0.40 kg/m².min^{0.5}
- Reaction to fire (non-combustible): A1 (M0)
- Durability: NPD

APPLICATION

- Quantity of water needed: 16 to 20%
- Mixing time: 3 to 5 mins
- Mixture handling time: 90 mins
- Application thickness: 3 to 5 mm
- Rough appearance
- Waiting time before covering: 12 to 48 hrs

NB: These values are estimates based on laboratory or on-site testing. The conditions of use, the type of material used and its level of wear and tear can significantly alter these values.

UTILISATION

PREPARING THE SURFACES

- The surfaces must be in good condition, adherent, clean and free from any residues or other impediments to good adhesion.
- The substrate must not be seeping moisture.
- See **"Preparing the surface"**.

PREPARING THE MORTAR

Mortar pumps/sprayers

- For every 25 kg bag, mix Accrofix with 4 to 5 L of clean water for 3 to 5 min.
- The water ratio and mixing time should be kept as consistent as possible.

APPLICATION

Pump/sprayer settings

- Set the water pressure to: 10 to 14 bars
- Spray nozzles (min. Ø): 12 to 14 mm

Mechanic

(see **"Preparing the surface"**):

- With a spray gun or plaster spraying machine, covering the entire surface to a thickness of 3 to 5 mm, without overloading, to achieve a rough appearance (speckled, rough sprayed, using a V6 or U5 serrated trowel, etc.) to ensure that the finish adheres well.

DRYING TIME

- At least 12 to 48 hours in order to ensure that the mortar is well bonded to the substrate before applying the finish.

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Refer to the packaging safety label and safety data sheet before use.