

PRB ACCROFIX

ENHANCED PREPARATORY KEY COAT BONDING MORTAR

Benefits of the PRB ACCROFIX

-  Rich in binders. Provides excellent adhesion between the substrate and the render and particularly suitable for pre-treatment for severe exposure locations and wet substrates
-  Apply by spraying or hand application
-  Suitable for use on concrete, new and existing masonry substrates



KEY PRODUCT INFORMATION

- 25 kg paper bag.
- 1.05 t pallet, i.e. 42no 25 kg bags.

CONSUMPTION

Consumption rates provided will vary according to the substrate conditions (type, flatness, roughness) and thickness applied.

6m² per 25 kg bag at 5 mm thick – 4 kg/m²

8m² per 25 kg bag at 3 mm thick – 8 kg/m²

WATER CONTENT: 4.0 – 5.0 L

COLOUR: White

STORAGE: 12 months



EN 998-1 Type GP
Class. CS IV W1



USAGE GUIDE

WHERE TO USE?

- Exterior or interior walls on all types of housing, office or industrial buildings.
- Renovation of existing cement mortar constructed stone or brick walls.
- Existing sound and well bonded renders.

SUITABLE SUBSTRATES

- ✓ Poured concrete and pre-fabricated concrete.
- ✓ Concrete and lightweight aircrete block, brick or clay block masonry.
- ✓ Well bonded, existing, sound, cement renders.
- ✓ Other substrates, please contact us.

PROHIBITED SUBSTRATES

- ✗ On the ground.
- ✗ All Gypsum-based substrates (Plaster).
- ✗ Paints, thin coat organic finishes.
- ✗ Directly on wood.
- ✗ Horizontal or sloping surfaces (except arches and underside of lintels).
- ✗ Interiors of ornamental ponds and swimming pools, below ground walls.

ASSOCIATED COATINGS

- Facing or single-coat hydraulic renders.
- Traditional renders.
- Decorative renders.
- Mortars and dressing renders.

APPLICATION CONDITIONS

- Between 5°C and 30°C.
- Do not apply if frost is forecast, wet or damp conditions, on substrates that are frozen or thawing, hot or exposed to full sunlight, saturated or exposed to driving rain and strong winds (hot or not).
- Special measures: see “**Substrate preparation**”.

TECHNICAL SPECIFICATIONS

COMPOSITION

- CPA cement (white), lime.
- Silica fillers.
- Rheology and water retention agent.
- Adhesion enhancers.

APPLICATION

- Mixing rate: 4.0 to 5.0 L clean water
- Mixing time: 3 to 7 mins.
- Batch life time: 1hr 30 mins
- Application thickness: 3 to 5 mm
- Appearance: Grey
- Time before covering: 2 to 72 hrs

N.B.: These values are standard laboratory or site testing values. The preparation conditions and the type and application of the material used may modify them significantly.

PRODUCT

POWDER:

- Max. grading: 2 mm
- Apparent density: $1.5 \pm 1 \text{ t/m}^3$

MIXED PRODUCT:

- pH (alkaline): 12.5 ± 0.1

RENDER PERFORMANCE WHEN HARD:

- Density: $1.7 \pm 0.1 \text{ t/m}^3$
- Bending strength: 3 to 7 MPa

RENDER PERFORMANCE ACCORDING TO EN 998-1 CS IV CATEGORY GP STANDARD USE RENDER MORTAR:

- Compressive strength: CS IV ($> 6 \text{ N/mm}^2$)
- Permeability to water vapour: $\mu < 35$
- Thermal conductivity (λ 10 sec.): $0.93 \text{ W/m}^2\text{K}$ (tabulated value)
- Adherence/Breakage: $> 0.5 \text{ N/mm}^2$ A or B or C
- W1 water absorption: $C \leq 0.40 \text{ kg/m}^2.\text{min}^{0.5}$
- Fire behaviour: A1 (non-combustible)

APPLICATION

1. SUBSTRATE PREPARATION

- Substrates must be sound, clean, dust-free, stable, and free from anything that may interfere with the adhesion of the material being applied.
- In hot weather, wet but do not saturate the substrates ½ hour before application to leave a dampened surface before applying the render.
- The substrates must not be suffering from rising damp.

2. MORTAR PREPARATION

Spray render pumps

 Mix the **PRB ACCROFIX** powder with 4 to 5 L of clean water per 25 kg bag for 3 to 5 minutes.

- The water dosage and mixing time must be as constant as possible.

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



3. SPRAY EQUIPMENT SETTINGS

Spraying equipment settings:

- Water pressure setting: 10 to 14 bars
- Spray nozzles (min. Ø): 12 to 14 mm

4. APPLICATION

- Apply a 3 to 5 mm thick coat and rule and level the surface using a serrated Darby, straight edge or spatula, ready to receive the topcoat finish.

5. DRYING

- 2 to 48 hrs before covering.

ASSOCIATED COATINGS

- One-coat hydraulic renders.
- Traditional renders.
- Decorative renders.
- Base coat renders.
- Mortars and facing renders.

HEALTH & SAFETY

- Contains cement and lime.
- May produce an allergic reaction. Harmful if inhaled, irritating to eyes and skin. Wear suitable protective clothing, gloves and eye/face protection.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water.
- Keep out of the reach of children.
- For further information, please read the Material Safety Data Sheet for this product.

Technical sheet – June 2024

The only purpose of this technical data sheet is to inform customers about the product and its specific uses. The information it contains is based on current knowledge and experience. The end user must carry out a representative test to ensure the product is suitable for their specific application and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Our general terms and conditions of sale shall prevail, and the end user should check to ensure this document has not been replaced by a more updated version.

 01242 524228

 technical@prbsystems.co.uk

 www.prbsystems.co.uk

 Montis Court, Bouncers Lane, Cheltenham, GL52 5JW