

PRB SE ALLÉGÉ

FIBRED LIGHTWEIGHT BASECOAT RENDER

Benefits of the PRB SE ALLÉGÉ +

- + Breathable and weatherproofing render for external and internal walls
- + Suitable for levelling very uneven walls.
- + Can be covered using: Coloured renders, paint, thin coat organic and mineral finishes
- + High coverage per bag due its lightweight composition
- + Application in thick layers with no shrinkage



KEY PRODUCT INFORMATION

- 25 kg paper bag.
- 1.2 t pallet, i.e. 48no 25 kg bags.

CONSUMPTION

Consumption varies according to the thickness applied and substrate (type, flatness, roughness). As a basecoat to receive a thin coat render system, the minimum thickness at all protruding points on external facade substrates must be 15 mm to guarantee the weatherproofing function. Min 5 – 10 mm internally.

- Minimum thickness of 10 mm: 2.30m² per 25 kg bag – 10.7 kg/m²
- Minimum thickness of 15 mm: 1.55m² per 25 kg bag – 16.05 kg/m²

COLOUR: Light Grey

STORAGE: 18 months

WATER CONTENT: 6.0 – 6.5 L

APPLICATION TEMPERATURE: 5°C – 30°C



EN 998-1 Type LW
Class CS II Wc 2



TECHNICAL CHARACTERISTICS

COMPOSITION

- Binders (cement, lime).
- Fillers, sand, aggregates.
- Water retention agents, setting regulators, micro fibres.
- Light fillers.

APPLICATION

- Mixing rate: 24 to 26 %
 - Mixing time: 3 to 7 mins
 - Batch life time: 60 min. max.
 - Curing time: 4 to 6 hrs
 - Time between applications: 1 to 48 hrs
 - Max. thickness per layer: 20 mm
 - Max. thickness*: 30 mm
- * For applications requiring additional thickness, contact the PRB Technical Department.

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.

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



PRODUCT

Colour: Grey

POWDER:

- Max. grading: 2.15 mm

MIXED PRODUCT:

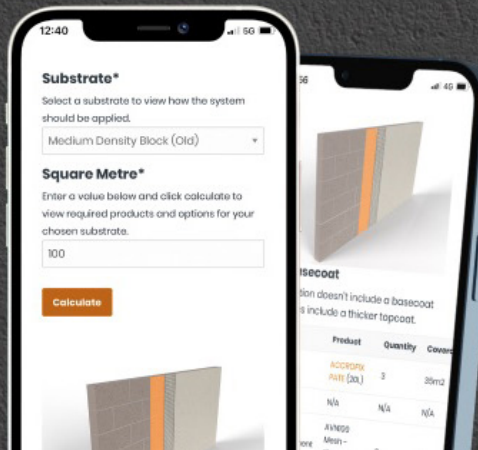
- Water retention: 91 to 97 %
- pH (alkaline): 12.5 ± 0.5

RENDER PERFORMANCE WHEN HARD:

- Density: 1 to 1.4 t/m³
- Modulus of elasticity (MPa): < 5000 MPa
- Bending strength (MPa): 1.5 MPa

RENDER PERFORMANCE AS PER EN 998-1 REHABILITATION RENDER R CS II CATEGORY:

- Compressive strength: CS II (1.5 to 5 N/mm²)
- Permeability to water vapour: $\mu \leq 15$
- Thermal conductivity (λ 10, dry): 0.30 W/m²K (tabulated value)
- Durability / adherence after freezing/Rupt: ≥ 0.2 N/mm² A or B or C
- Water absorption (Wc2): Capillarity ≤ 0.20 kg/m².min0.5
- Fire behaviour: A1 (non-combustible)



Product	Quantity	Cover
ACROPRY PRY (DOL)	3	30m2
N/A	N/A	N/A
AVNDS Mans -	3	

Material calculations on the go.

Calculate the exact materials you need to get the job done. Wherever you are.

PREPARATION

1. SUBSTRATE PREPARATION

- Substrates must be sound clean, free of dust, stable, repaired and free from anything that may interfere with the adhesion of the material being applied.
- During hot weather and/or strong winds, to prevent the risk of render dehydration, the substrate must be soaked but not saturated approx 1/2 hour before application.
- Some substrates may require a suction control bonding coat e.g. **PRB ACCROFIX PATE** or **PRB PRIMCHAUX PE**. For full application guidance, request a specification from PRB.

PLEASE NOTE: **PRB SE ALLEGE** is not designed as a basecoat onto lime mortar constructions.

2. MORTAR PREPARATION

Render spraying pumps

-  Mix the **PRB SE ALLÉGÉ** with 6 to 6.5 litres of clean water per 25 kg bag for 5 minutes.
- The water content and mixing time must be as consistent as possible to guarantee the evenness of the mix.

3. SPRAYING EQUIPMENT SETTINGS

Render pump

- Water pressure setting: 10 to 14 bars
- Mixed product operating pressure: 6 to 24 bars
- Lance output flow rate: 14 to 18 L/min
- Spray nozzles (min. Ø): 12 mm

Spray pots

- Air pressure: 6 to 8 bars

Manual

- The application can be carried out by applying trowels of mortar with a highly elastic consistency and slightly overlapping one another.
- The render base-coat is ruled level using a serrated straight edge or Derby or stainless steel trowel or wide spatular.

4. APPLICATION AND FINISH TYPE

Surface levelling.

- After the surface preparation works have been carried out, spray a minimum 10 – 20 mm levelling coat to the substrate in one or two layers.
- Level and rule this first application using a serrated straight edge or Derby.
- For uneven substrates, or where there are raked out mortar joints or for rubble stone applications apply a filling / levelling coat first.

Finishing layer of basecoat.

- Apply the second layer to the required thickness. **PRB SE ALLEGE** can be applied to thicknesses of 80 mm however the use of **PRB ORANGE MESH** or **PRB AVE MESH** together with mesh pinning will need to be incorporated. Contact PRB for a specification.
- Level and rule using a serrated straight edge or Derby, ready to receive the topcoat.

5. TOPCOAT FINISHES

- Apply a topcoat decorative finish of a suitable one coat cement based render e.g. **PRB SUPERBRUT**, **PRB ALG** or a lime render e.g. **PRB BELLE EPOQUE FINITION**, or a two pass paint or waterproofing finish or decorative thin coat acrylic or mineral render system.

HEALTH AND 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.