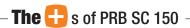
PRB SC 150

SANITISING BASECOAT RENDER



- Sanitises old interior and exterior masonry containing saltpetre and/or moisture
- Can be covered or left bare



PACKAGING

Paper bag containing 25kg.

STORAGE LIFE: 18 months.

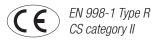


CONSUMPTION/USE

Consumption varies according to the substrate (nature, flatness, roughness).

PRB SC 150 is applied in thicknesses of 20 to 30 mm in 1 or 2 coats, and its consumption is 20 to 30 kg/m² of 10 kg/cm of thickness.

COLOUR: Grev







APPLICATIONS

USES

- · Designed for treating exterior or interior walls on all types of constructions, to reduce capillary rise and migrating salts.
- · Basements, cellars, foundations, retaining walls, garages, utility rooms, etc.
- French DTU 26.1, chap. 11.

SUITABLE SUBSTRATES

On substrates defined in chapter 11 of the French DTU 26.1, such as:

- · Old brick or rubble masonry, with poor strength/quality mortars (lime mortar, lime cement mortar, etc.).
- Top layers of plaster must be protected in accordance with the standards and DTUs in force, as well as with the industry practices and standards.
- · For other substrates, please contact us before applying.

UNSUITABLE SUBSTRATES

- · Raw earth, adobe or cob walls.
- · Ashlar masonry with thin joints.

- · Underground masonry.
- · Aerated concrete blocks.
- · Large-area concretes.
- · Structures with cracks or infiltrating cracks that have not been properly repaired beforehand.
- · Horizontal or sloping surfaces.

COMPATIBLE SURFACING MATERIALS

- PRB BELLE ÉPOQUE Finition.
- · FINICHAUX Single-layer restoration plaster.
- . Decorative coatings: MANUPRO, TYROLIEN FACADE RENDER...

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- If the temperature exceeds 30°C, special protective measures must be taken.
- . Do not apply to frozen, thawing, hot or damp surfaces. Do not apply to surfaces in full sunlight or during heavy rain and strong
- · Protect window/door frames and glazing before applying.

TECHNICAL CHARACTERISTICS

- INGREDIENTS
 Air-slaked lime CL 90 (calcium lime or fat lime) & hydraulic limes - NHL 3.5.

 • Alluvial quartz sands from quarries, rolled
- and classified.
- Natural mineral pigments and specific

PRODUCTS

POWDER:

- Max. grain size: 3.15 mm PASTE:
- Water retention: 91 to 97%
- pH (alkaline): 12.5 ± 0.5

PERFORMANCE WHEN

- Density: 1 to 1.4 t/m³
 Modulus of elasticity (Mpa): <5,000 MPa
 Plexural strength (Mpa): 1.5 MPa
 PERFORMANCE ACCORDING TO
- EN 998-1 SANITATION RENDERING MORTAR TYPE R
- CS CATEGORY II:
- Compressive strength: CS II (1.5 to 5 N/mm²)
 Water vapour permeability: $\mu \le 15$ Thermal Conductivity (λ , 10, dry):
- 0.30 W/mK (established value)
- Durability/adhesion after freezing/Rupture:
 ≥ 0.2 N/mm² A, B or C
 Water absorption (after 24 hours):
- Capillarity ≥ 0.3 g/dm².min^{0.5}
 Reaction to fire (non-combustible): A1 (M0)
 Durability: NP

APPLICATION

- Quantity of water needed: 22 to 25%
 Mixing time (minutes): 5 to 7 mins
 Mixture handling time: 90 mins max.
 Setting time before contact with water: 4
- to 8 hrs Setting time between layers: 24 to 72 hrs
- Maximum thickness per layer: 30 mm

· Minimum working thickness: 20 mm

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

UTILISATION

PREPARING THE SURFACE

For information on preparing the surface, please refer to "Application Advice".

PREPARING THE MORTAR

- Mortar pumps/sprayers (batch mixers) For every 25kg bag, mix PRB SC 150 with 5.5 to 6.25 l of clean water for 5 to 7 mins.
- The water ratio and mixing time should be kept as constant as possible to ensure an even consistency.

PUMP/SPRAYER SETTINGS

- Grouting pump
 Set the water pressure to: 12 to 14 bars
- Paste operating pressure: 18 to 24 bars Sprayer flow rate: 14 to 18 L/min
 Spray nozzles (min. Ø): 14 mm
- Spray guns
 Air pressure: 6 to 8 bars
- Manual

 Can be applied in small strokes with a plastic mortar trowel, overlapping slightly.

- Level the base layer by smoothing the render with a straight edge.
- Waiting time before covering: At least 7 days.
- PREPARING THE SURFACE

& FINISHES The following should be removed from the

- entire surface to be treated:old hydraulic renders,
- paints, waterproofing paints, surface water repellents & thick paint coatings,
- micro-organisms such as mould, moss, lichen, roots, as well as plants with roots

penetrating the walls (e.g. ivy). Preparing the surface before applying PRB SC 150: Mechanically weak walls (bricks, soft

- stones...):
 replace missing stones with PRB SC 150,
- scrape out the joints to a depth of 2 to 4 cm,
- secure wire mesh (20 x 30 mm treated against corrosion) using nails or galvanised wall plugs of a length adapted to the

Walls made of hard materials with low

- porosity (e.g. hard stones):
 replace missing stones with PRB SC 150,
 apply a roughcast layer using PRB SC 150
- mixed with 1 litre of bonding resin, secure wire mesh (20 x 30 mm treated against corrosion) using nails or galvanised wall plugs of a length adapted to the

APPLICATION AND TYPES OF

- Flattening or levelling.

 Apply a first levelling coat (+ 5 mm) to the bare masonry, with or without a roughcast layer of PRB SC 150 and bonding resin,
- depending on the porosity of the stone.

 Smooth out this first layer with a straight edge and wait for it to harden (approx 24hrs).

Intermediate coat or rendering layer. • Apply the second coat - minimum

- thickness: 15 to 20 mm. Level the surface with a straight edge, without smoothing, to make it easier for the subsequent coat to adhere (7 days drying

• PRB SC 150 can be left bare in which case the surface should be floated with a sponge float.

PRB SC 150 can be left bare or covered

single-layer coatings (FINICHAUX & ALG), facing renders (BELLE ÉPOQUE FINITION). For all other finishes, please contact us.

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

Technical Data Sheet - 9 June 2022