

PRB FONDISOL PE

PASTE BASE COAT FOR THE PRB THERMOPATE EWI SYSTEM



The PRB FONDISOL PE +

- + Fibred and fireproofed organic mortar
- + Characteristics associated with the Thermopâte system
- + Very good fire resistance
- + Very good resistance to shocks when used for EWI: CAT I (with normal double reinforcement)
- + On EPS EWI: withstands 70 joules shocks with 1 reinforced frame combined with 1 normal frame

Available in

Ready-to-use

SR Quick drying

PACKAGING

- 20 kg plastic tub
- 0.480 t pallet, i.e. 24 20 kg tubs.

STORAGE: 12 months.

CONSUMPTION PRB FONDISOL PE

- From 4 kg/m² for use as thin reinforced sub-render on EPS, for a thickness of 2.5 to 3 mm.
- 1st application with mesh : 2.5 to 3 kg/m².
- 2nd application: 1.5 to 2 kg/m².

This minimum consumption is given as an indication, it may vary depending on the substrate (type, flatness, roughness, equipment used to apply).

COLOUR: Off-white.

AREA OF USE

USE

THIN REINFORCED RENDER ON EPS
PRB FONDISOL PE is part of the PRB THERMOPÂTE system, to create the thin reinforced render containing a 4 x 4 mm mesh glass fabric (AVN), then covered later using a thin finish (TMC/TPC FR).

- Exterior walls.
- ATE - 14/0469 - PRB THERMOPÂTE.
- DTA - 7/14 - 1601 - PRB THERMOPÂTE
- **PRB THERMOPÂTE specifications.**
- **CPT 3035** (External thermal insulation systems in thin render on expanded polystyrene) and other applicable CPT(s).
- TS for the base regulator and for the **TMC FR** and **TPC FR**.

ASSOCIATED INSULATION MATERIALS

- Expanded polystyrene insulation panels.
- **PRB ISO BD PSE** and other EPS insulation. In the latter case, the panels must have ACERMI certification.
- Rockwool, fire barrier bands **PRB LDR PLB**.
- Other insulation: please contact us.

ASSOCIATED COATINGS

- PRB FONDISOL PE cannot remain uncoated, it must be coated using a TPC or a TME preceded or not by a base regulator* **PRB CRÉPIFOND G** for finishes.
- TPC: **PRB CRÉPIRIB F/G FR**, **PRB CRÉPIMUR M FR**, **PRB CRÉPILIS FR** (under-coat and finish).
- TMC: **PRB CRÉPOXANE M FR**.
- * The use of **PRB CRÉPIFOND G** is optional.

APPLICATION CONDITIONS

- Do not apply at ambient temperatures and substrate temperatures < 5°C and > 30°C.
- Do not apply on damp, frozen, freezing or thawing substrates, in rainy or misty conditions.
- SR Version (quick drying): application between 1 and 15°C and H ≤ 95.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Acrylic resins in aqueous dispersion.
- Lightweight silica and sandstone fillers.
- Fibres and specific additives.
- Fireproofing agent

PRODUCTS PASTE

- Apparent density: 1.6 ± 0.1 t/m³

PERFORMANCES IN HARDENED CONDITION

- Adherence to EPS: >0.08 Mpa
- Time between 2 applications: "fresh on fresh" or 4 to 24 h
- Drying time before finish: 24 to 72 h depending on ambient conditions

N.B.: These values are laboratory testing values determined using applicable technical guides. The preparation conditions may modify them significantly.

PREPARATION

NEW SUBSTRATES

- Substrates (insulation) must have surfaces that are strong and clean and dry.
- They must also be perfectly flat.

EQUIPMENT

- Electric mixer.
- Smoother and single or double stainless steel trowel, plus serrated, knife and rendering spatula.
- V6 comb.
- Tools are to be cleaned in clean water.

PRODUCT PREPARATION

- PRB FONDISOL PE is ready to use.
- Before use, mix at low speed using an electric mixer until a consistent paste is obtained.
- In hot, dry weather, a maximum of 25 cl of water can be added per 20 kg tub.

APPLICATION

APPLICATION OF PRB FONDISOL PE WITH AVN GLASS FABRIC.

- Spread a first coat of **PRB FONDISOL PE** using a serrated smoother and apply a 4 x 4 mm mesh alkali resistant glass fabric reinforcement to it (PRB armature AVN).

- AVN reinforcements are fitted with a minimum 10 cm overlap.
- Spread a second coat to finish coating the reinforcement and obtain a thickness of about 2.5 mm. This operation can be carried out immediately or after the first coat has dried within 4 hours.
- Leave to dry for at least 24 h before applying the key coat* and TPC FR or TMC FR finish.
- PRB CREPIFOND G key coat (optional).

PRECAUTIONS FOR USE

- Read the regulatory labelling on the tub and read the safety data sheet before using.
- Do not use to bond EPS insulation.
- Drying times will be longer in cold, damp weather.