

PRB FONDISOL PE

PRB EWI THERMOPÂTE SYSTEM PASTE BASE COAT



The +s of PRB FONDISOL PE

- + Fibre-reinforced, fire-resistant organic mortar
- + Part of the PRB Thermopâte system
- + Excellent impact resistance for EWI: CAT I (with standard double reinforcement mesh)
- + For EPS EWI: impact resistance of up to 70 joules using strengthened reinforcement mesh combined with standard reinforcement mesh

Prêt à l'emploi



PACKAGING

– 20 kg plastic tub.

STORAGE LIFE: 18 months.

CONSUMPTION/USE PRB FONDISOL PE

A minimum of 4 kg/m² as a thin reinforced undercoat on EPS, for a thickness of 2.5 to 3 mm.

- 1st coat, with mesh reinforcement: 2.5 to 3 kg/m².
- 2nd coat: 1.5 to 2 kg/m².

This minimum consumption rate is only a guide and may vary depending on the substrate (type, flatness, roughness, etc.) and the equipment used.

COLOUR: Off white.



AREA OF USE

USES

REINFORCED THIN COATING FOR EPS
PRB FONDISOL PE is part of the PRB THERMOPÂTE system and is used to create a thin coating reinforced with a 4 x 4 mm fibreglass mesh (AVN), which is then covered with a thin finish (TMC/TPC FR).

- Exterior walls.
- ETA - 14/0469 - PRB THERMOPÂTE.
- TAD - 7/14 - 1601 - PRB THERMOPÂTE
- **PRB THERMOPÂTE specifications.**
- **Technical Specification 3035** (External thermal insulation systems by thin plaster over expanded polystyrene) and other Technical Specifications in force.
- TS for regulating primers and TMC FR & TPC FR.

COMPATIBLE INSULATION MATERIALS

- Expanded polystyrene insulation panels.
- **PRB FACADE TH38, PRB FACADE TH31** and other EPS insulating panels.
For the latter, the panels must be ACERMI-certified.
- **PRB LDR** rockwool fire barrier band
- For other insulation materials, please contact us before use.

COMPATIBLE COATINGS

- **PRB FONDISOL PE** must not be left bare
– it must be covered with a TMC or TPC, with or without the **PRB CRÉPIFOND G** regulating primer*
Please refer to the **PRB THERMOPÂTE** system ETA/TAD.

APPLICATION CONDITIONS

- Do not apply if ambient and substrate temperatures are below 5°C or above 30°C.
- Do not apply to damp, frozen, freezing or thawing substrates, or in rainy or foggy weather.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Waterborne acrylic resins.
- Silica and limestone lightweight fillers.
- Specific fibres and additives.
- Flame retardant

PRODUCTS PASTE

- Bulk density: 1.6 ± 0.1 t/m³

PERFORMANCE WHEN HARDENED

- Adhesion to EPS: >0.08 MPa
- Setting time between 2 coats: "fresh-on-fresh" or from 4 to 24 hrs
- Drying time before finishing: 24 to 72 h depending on the ambient conditions

NB: These values are estimates based on laboratory tests carried out in accordance

with the applicable technical guidelines. The application conditions can significantly change these values.

UTILISATION

NEW SUBSTRATES

- The (insulating) substrate surfaces must be resistant, clean and dry.
- They must also be flat and even.

APPLICATION MATERIALS

- Electric mixer.
- Stainless steel single or double float and a smoothing and a notched trowel, plasterer's knife and spatula.
- V6 Serrated trowel.
- Clean tools with clean water.

PRODUCT PREPARATION

- PRB FONDISOL PE is ready to use.
- Before use, mix with an electric mixer at slow speed to obtain a smooth paste.
- In hot, dry weather, you can add up to 25cl of water per 20kg container when mixing.

APPLICATION

APPLYING PRB FONDISOL PE WITH AVN MESH-REINFORCED FABRIC.

- Spread the first coat of **PRB FONDISOL PE** using a serrated trowel and embed the 4X4 mm alkali-resistant fibreglass mesh reinforcement fabric (PRB AVN) into the render.

- The AVN mesh should be laid with a minimum overlap of 10 cm between each sheet.
- Apply a second coat to fully embed the mesh and obtain a thickness of approximately 2.5 mm. This can be applied immediately after the first coat, or after the first coat has been left to dry for at least 4 hours.
- Leave to dry for at least 24 hrs before applying the regulator* and the TPC FR or TMC FR finish.
- * PRB CRÉPIFOND G regulating primer (optional)

PRECAUTIONS FOR USE

- Please read the safety label on the container and the safety data sheet before use.
- Not suitable for setting or gluing EPS Insulation.
- This product will take longer to dry in cold, damp weather.