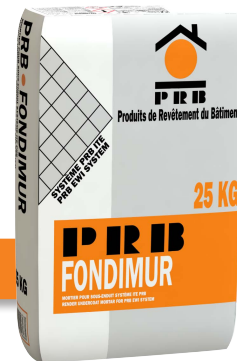


PRB FONDIMUR

RENDER UNDERCOAT MORTAR FOR PRB EXTERNAL WALL INSULATION SYSTEMS



The **+**s of PRB FONDIMUR

- +** Manual or mechanical application
Ease of application
- +** Reinforced render undercoats (base coat)
for external wall insulation systems
- +** Gluing and setting insulation panels to substrates
- +** Suitable for thin finishes

PACKAGING

– Paper bag containing 25 kg.

STORAGE LIFE: 12 months.

CONSUMPTION/USE

- 2.3 to 2.6 kg/m² when setting external wall insulation
- 4.5 kg/m² when used as a reinforced thin render undercoat with EPS, for a thickness of 3 mm.
- 4 to 6 kg/m² when bonding external wall insulation (U9 serrated trowel).

COLOUR: white.



AREA OF USE

DESTINATION

- Exterior walls for external wall insulation.
- Reinforced base coat (see USE 1):
 - On external wall insulation panels,
- Gluing and/or setting insulation panels (see USES 2.1 and 2.2)
- Other substrates: please contact us before use.

REFERENCE DOCUMENTS:

- French CPT 3035 in force.
- ETICS application rules.

Do not use on external wall insulation on buildings subject to fire regulations e.g. multi-storey residential buildings and buildings open to the public.

Other substrates, applications and destinations: please contact us before use.

USES

1) REINFORCED BASE COAT ON INSULATION PANELS (EPS, STONE WOOL AND WOOD FIBRE).

2) GLUING OR SETTING EPS, STONE WOOL OR WOOD FIBRE PANELS.

- 2.1 On new substrates (concrete, breeze blocks, autoclaved aerated concrete):
 - With EPS panels, PRB FONDIMUR acts as an adhesive agent.
- With stone wool or wood fibre panels, PRB FONDIMUR is used for setting and must be combined with mechanical fixings to secure the insulation to the substrate.

2.2 For renovating existing surfaces (render, paint, tiling, etc):

- PRB FONDIMUR is used for setting and must be combined with mechanical fixings to secure the insulation to the substrate.

COMPATIBLE INSULATION MATERIALS

- PRB EPS insulation panels or other EPS, rigid mineral wool or wood fibre insulation. In all cases, the insulation panels must be ACERMI certified to a level that is at least equal to or higher than the ISOLE rating indicated in our TAD.
- Other insulation materials: please contact us before use.

COMPATIBLE COATINGS

- PRB FONDIMUR cannot be left bare. It must be covered with a finish.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply to frozen, freezing, thawing or damp substrates.
- Respect existing expansion joints.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Fluid binders.
- Siliceous fillers, calcareous fillers.
- Fibres, powdered bonding resins, rheological additives.

PRODUCTS

- PASTE:**
- Bulk density: 1.5 ± 0.1 t/m³
- pH: 12.5 ± 0.5

PERFORMANCE WHEN HARDENED:

- Adhesion to EPS: > 0.08 MPa
- Adhesion to concrete: > 0.25 MPa

UTILISATION

FOR NEW SUBSTRATES

- Surfaces must be structurally sound, clean and free of moisture. They must also be flat and even.

FOR PAINTED SUBSTRATES OR RENDER

- Substrates must have good mechanical strength.
- The paint or render must be adherent.
- The surfaces conserved must be cleaned beforehand (**PRB ACTI FLASH**).

PRODUCT PREPARATION

- Mix one bag of PRB FONDIMUR with 6 to 6.5 litres of clean water per 25 kg bag, using an electric mixer set to a low rpm until you obtain a smooth, even paste with no lumps.

APPLICATION

- Manual: stainless steel float.
- Mechanical: SP 11 or SP 19.
 - Water setting: min. 15 bars.
 - Nozzle: Ø < 10.

GLUING PANELS (USE 2.1):

- Apply PRB FONDIMUR in dots (9 dots of 10 cm in diameter per 1200 x 600 mm insulation panel).
- Immediately apply the panels to the substrate and press in place with a ruler or wooden slat.
- Adjustability time: ± 20 mins.
- Drying time before coating: 24 hrs.
- Drying time before fixing 24 hrs.

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.

ON SUBSTRATES WITH EXISTING COATINGS: (PAINT, RENDER, ETC.)

- Mechanical fixings (suited to the thickness of the insulation and the nature of the substrate) must be used to secure the system.
 - To this end, mechanical fixings must be added at each dot as shown in the diagrams in the TAD of our external wall insulation systems.
- Fixings must be fastened after the spots of mortar have hardened, i.e. after at least 24 hrs.

USE AS A THIN RENDER UNDERCOAT WITH FIBREGLASS REINFORCEMENT.

- Float an initial coat of PRB FONDIMUR and press a 4 x 4 alkali-resistant fibreglass reinforcement fabric (**PRB AVN**) into the product with an overlap of at least 10 cm between courses.

Depending on the process and impact resistance required, PRB AVN can be doubled or combined with additional reinforcement (**PRB AVR**).

- The AVR reinforcement, which is recommended for basements, must be applied first and to seamless joints, then covered by the AVN.
- Apply a second layer to completely cover the reinforcement fabric and obtain a minimum thickness of 3 mm. This operation can be carried out immediately after the first layer has been applied or after 4 to 24 hrs.
- Leave to dry for at least 24 hrs before applying the regulator and the TPC or TMC finish.

PRECAUTIONS FOR USE

- Please read the safety data sheet before use.