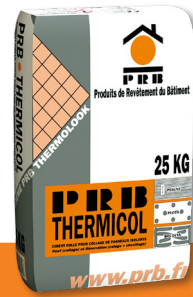


# PRB THERMICOL



## FOR GLUING & SETTING INSULATING PANELS

### The **+**s of PRB THERMICOL

- +** Ready to mix

#### PACKAGING

– Paper bag containing 25kg.

**STORAGE LIFE:** 18 months.

#### CONSUMPTION/USE

- 2.3 kg/m<sup>2</sup> for setting ETI + wall plug fasteners
- 2.6 kg/m<sup>2</sup> for spot bonding.
- 4 to 6 kg/m<sup>2</sup> for full-surface bonding (U9 serrated trowel).

**COLOUR:** Grey.



## APPLICATIONS

### AUTHORISED USE

- Exterior and interior walls
- **New surfaces:** for gluing insulating panels to breezeblocks, bricks, concrete, aerated concrete etc.
- **Old surfaces:** as above, with the addition of waterproof paint-coated substrates, decorative paint, cement-based and lime-based plaster.
- Other substrates: please contact our technical department.

- **PRB THERMOLOOK GF & GM system:** External thermal insulation (ETI) system finished with plaster on a polystyrene foam system (PFS).  
ETA: 07/0165 & TTD 7/17-1683.
- **PRB THERMOLOOK EMI:** External thermal insulation (ETI) system finished with a thin coat of plaster on a polystyrene foam system (PFS).  
ETA: 08/182 & TTD 7/18-1716.
- Installation rules for ETICS.
- **PRB THERMOROCHÉ:** External thermal insulation (ETI) system finished with a thin coat of plaster on rock wool.  
ETA 12/0585 & TTD 7/17-1679.
- **PRB THERMOPÂTE:** External thermal insulation (ETI) system finished with a thin coat of plaster on a polystyrene foam system (PFS).

ETA 14/0469 & TTD 7/14-1601.

### PRB THERMOBOIS

External thermal insulation (ETI) system finished with a thin coat of plaster on wood fibre. ETA: 19/0604

### USES

- **New-build (PFS panels):** PRB THERMICOL can be used for gluing.
- **New-build (other panels):** PRB THERMICOL can be used for setting and must be combined with mechanical fasteners to ensure that the insulation system is secured in place.
- **Renovation:** PRB THERMICOL can be used for setting + wall plug fasteners for support

### COMPATIBLE INSULATION MATERIALS

PRB THERMICOL is particularly suitable for gluing insulating panels made from:

- polystyrene foam (PFS), ISOLOOK PFS or similar.
- Extruded polystyrene, wood fibre panels & rock wool.

### APPLICATION CONDITIONS

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

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- CPA CEM I hydraulic binders.
- Silica fillers, water retention agents & setting agents.
- Incorporated resin plasticiser with high wetting and adhesion power.

### PASTE

- Mass density: 1.6 ± 0.1 t/m<sup>3</sup>.
- pH: 12.5 ± 0.5

### PERFORMANCE WHEN HARDENED

- Adhesion to PFS (polystyrene foam system): > 0.12 MPa
- Adhesion to concrete (when hardened): > 1 MPa.

### UTILISATION

#### GLUING

- Manipulation time: 2 hrs
- Drying time before coating: 24 to 48 hrs
- Drying time before installing wall plug fasteners: 24 to 48 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.

## PRODUCT

### UTILISATION

#### NEW SURFACES

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

#### PAINTED OR PLASTERED SURFACES

- Painted or plastered surfaces must be mechanically sound.
- The paint or plaster must have good adhesion and be adherent.
- You must first clean the existing surfaces (using PRB ACTIDEMOUSSE).

#### PREPARING THE PRODUCT

- Mix one bag of PRB THERMICOL with 6 to 7 litres of clean water per 25 kg bag with an electric mixer at a slow speed until you obtain a smooth and even paste of the required consistency (for spot or full-surface bonding).

#### APPLICATION

The insulation is always laid in the same way as bricks (overlapping)

#### FULL-SURFACE BONDING:

- Spread PRB THERMICOL over the entire surface of the insulating panel using a U9 or DL 20 serrated trowel, then immediately apply the insulating panel to the substrate

and press it down with a wooden board. This technique is to be used on a perfectly flat surface <5mm/2 m. The grooves should be parallel to the vertical line of the wall.

#### SPOT BONDING:

- Apply 6 to 8 spots of PRB THERMICOL per insulation panel.
- Immediately apply the panels to the substrate and press them down with a straightedge or wooden board to avoid gaps between the panels.

#### ON EXISTING COATED SURFACES: (painted or plastered...)

- Mechanical fasteners (adapted to the thickness of the insulation and the type of

substrate) must be used to ensure that the system is held securely in place.

- Install 5 mechanical fasteners per panel, in line with the wall studs, the day after gluing the panels (see table in the THERMOLOOK system data sheet).

**Please note:** In this case, PRB THERMICOL is used as a setting agent.

#### PRECAUTIONS FOR USE

- Please read the safety data sheet before use.