

PRB PRÉSERFOND

UNDER-TILE WATERPROOFING RESIN



The **+**s of PRB PRÉSERFOND

- +** Single-component, solvent-free
- +** Easy roller application
- +** Forms a flexible waterproof film
- +** Protects water-sensitive surfaces

SPEC (under-tile waterproofing system)



PACKAGING

PRB PRÉSERFOND:
– Plastic tubs of 6 kg and 20 kg.

STRENGTHENED REINFORCEMENT TAPE

– 10 metre roll (0.12 m wide).

FULL KIT: 6m²

STORAGE LIFE: 18 months.

COLOUR: Yellow.

CONSUMPTION/USE

– PRB PRÉSERFOND:
approx. 800 g/m²
(min. thickness of 0.5 mm) depending on the flatness and roughness of the substrate.
– PRB ACCROSOL AG:
100 to 300 g/m².
– REINFORCEMENT TAPE:
approx. 1 linear metre/m².



ACCESSORIES

– SEBS resin strengthened tape.
– Pre-formed internal and external corners.
– Plate for traversing elements.

AREA OF USE

USES

- New and renovation work.
- Walls in EB+ and EC wet rooms.
- Floors in areas up to U4/P3/E2 (without floor drains).
- Interior floors and walls.
- Private and communal.
- Protected/sheltered outdoor floors (loggias).
- Apply the resin under-tile waterproofing system in accordance with Technical Specification 3756 V2.
- DTU 52.2 and Technical Specifications 3756, 3527v3, 3528v3, 3529v4 & 3666v2.

SUITABLE SUBSTRATES

PRB PRÉSERFOND can be directly applied to:

- Old adherent tiles (glued or grouted*) on floors and walls.
- Plasterboard (water-resistant or standard) walls.

PRB PRÉSERFOND can be applied with PRB ACCROSOL PLUS, PRB ACCROSOL AG or PRB ACCROSOL EXPRESS primers to:

- Concrete.
- Cement mortar renders and screeds.
- Gypsum blocks (water-resistant or standard).
- Autoclaved aerated concrete.
- Terracotta tile walls.
- Dry screeds.

- Anhydrite screeds with a moisture content of less than 0.5%.
- Chipboard and Plywood panels
- Rigid PVC tiles*.
- Old adherent and resistant epoxy or polyurethane paints*.

* After preparation (washing, scraping, scratching and/or sanding).

PROHIBITED SUBSTRATES

- PRB PRÉSERFOND must not be used:
- for waterproofing permanently submerged substrates (ponds, swimming pools, tanks, etc.).
 - for waterproofing roof terraces, facades or industrial floors,

- with floor drains.

COMPATIBLE COATINGS & COVERINGS

PRB PRÉSERFOND must be covered with a ceramic covering or similar, bonded with the compatible PRB•COL product (see Tiling).

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply to damp, frozen, freezing or thawing substrates. Do not apply to underfloor heating when in use.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Elastomeric acrylic resin emulsion.
- Mineral fillers.
- Specific additives, water.

PRODUCT

- PASTE:**
- Density: 1.4 ± 0.1.
 - Dry extract: 70 ± 2 %.
 - pH: 8.5 ± 0.5.

AVERAGE PERFORMANCE WHEN

- HARDENED:**
- Initial adhesion (28 days): > 1.00 MPa
 - Permeability to water after 7 days: zero.
 - Elongation at rupture: > 300 %.
 - Waiting time before laying tiles: 12 hrs minimum.

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

The performance of PRB PRÉSERFOND can only be guaranteed when all listed components are used in accordance with the Technical specification 3756 V2.

Please refer to the PRB Process Sheets.

SUBSTRATE PREPARATION

- Surfaces must be structurally sound, clean and free of moisture.
- If this is not the case, remove any flaking, peeling, blistering or powder to restore the substrate to a sound and clean condition.

Renovation work:

- Wash the substrate and remove all traces of grease, wax or other products that may affect surface adhesion.
- Use a roller to apply one coat of PRB ACCROSOL PLUS, PRB ACCROSOL AG or PRB ACCROSOL EXPRESS primer (100 to 300g/m² depending on the substrate).
- Drying time before applying PRB PRÉSERFOND: 2 to 3 hrs minimum.

APPLICATION

APPLYING TO CORNERS, PIPES, CRACKS AND JOINTS:

- Apply PRB PRÉSERFOND with a flat brush or roller over an area approximately 15cm wide in all vertical and horizontal (floor-wall) corners and around pipes, cracks and panel joints.
- Cut the strengthened reinforcement tape or ARM 120 reinforcement tape to the desired size using scissors (and use SEBS preformed accessories).
- Press the tape into the PRB PRÉSERFOND while it is still fresh so as to completely cover the corners, traversing elements, cracks and joints to be covered and smooth with a trowel.

APPLYING TO WALLS AND FLOORS:

- Liberally apply a first coat of PRB PRÉSERFOND with a roller (400g/m²). Leave to dry for at least 4 to 5 hrs.
- Liberally apply a second coat of PRB PRÉSERFOND with a roller (400g/m²), perpendicular to the first coat.

- The minimum dry film thickness is 0.5 mm.
- NB:** Ensure that there are no air bubbles during application for optimum protection.

UNDER-TILE WATERPROOFING SYSTEM - WALL CONNECTION WITH WATERPROOFING UPSTANDS - PRB MEMBRANE:

When applying the 1st coat of PRB PRÉSERFOND (under-tile waterproofing system), coat the top 5 cm of the Bande SM 200 tape with PRB PRÉSERFOND resin, then apply a strip of Bande ARM 120 or strengthened reinforcement tape to bridge the gap between the Waterproofing membrane/under-tile waterproofing system

TILING

- Tiling should be carried out at least 12 hrs after the last coat has been applied.
- For floors, lay protective panels to prevent the waterproof film from being punctured.

- Tiles must be laid on PRÉSERFOND in accordance with the following table:

	All porosity tiles SA <2,200 cm ² Weight <40 kg/m ²	Earthenware only SA <1,600 cm ² Weight <30 kg/m ²
Walls	PRB•COL FLEX / PRB•COL PRO PRB•COL PLUS PRB•COL MONOFLEX HP PRB•COL WHITE	PRB•COL PATE PLUS
Floors	PRB•COL FLEX / PRB•COL PRO PRB•COL PLUS / PRB•COL FLUID N PRB•COL MONOFLEX HP PRB•COL WHITE	

- For grouting, we recommend using products from the PRB JOINT range. These products are ready to use and are specially adapted to the various types of use (see technical data sheets).
- Any joints connecting sanitary fittings, the floor to the wall and the base of door frames should be treated with PRB MASS MS mastic sealant.

PRECAUTIONS FOR USE

- Please read the safety data sheet before use.
- For hydrotherapy showers (thalassotherapy HP jets), use PRB CEL CÉRAMIC.