

# PRB JOINT FIN

## THIN WATERPROOF MORTAR



### The **+** s of PRB JOINT FIN

- +** Water repellent (facilitates maintenance)
- +** Joints from 1 to 5 mm
- +** Non abrasive: ideal for earthenware, marble and polished porcelain
- +** Smooth finish

#### PACKAGING

- 20 kg paper bag
- 5 kg plastic bag (grey and white)
- 3 kg plastic tub, 4 x 3 kg box.
- 1 kg plastic pot, box of 6 x 1 kg.

**STORAGE LIFE:** 12 months.

#### CONSUMPTION/USE

Consumption varies according to tile size, as well as the depth and width of the joints: from 150 to 500 g/m<sup>2</sup> when laying standard tiles.

- To calculate the amount needed:
- refer to the consumption table.
  - use our calculator tool at: [www.prb.fr](http://www.prb.fr)

**COLOUR:** available in 24 different colours.



Class CG2 WA



## AREA OF USE

### USES

- PRB JOINT FIN colour
- PRB JOINT FIN grey and white
- Interior & exterior walls and floors.
- Private swimming pools
- New and renovation work.
- Technical specifications and French DTU Standards for glued or grouted applications.

### COMPATIBLE COVERINGS

- Glazed or porcelain stoneware.
- Extruded stoneware.
- Terracotta\*.
- Pâte de verre mosaics.
- "Emaux de Briare" mosaics.
- Earthenware.
- Natural stone\* (granite, limestone, etc.).
- Marble\*.
- Others: please contact us before use.

\* For terracotta, natural stone and marble, we recommend that you carry out a stain test before use.

### PROHIBITED SUBSTRATES

#### Do not apply in:

- Areas subject to high-pressure cleaning or aggressive products.
- Areas in contact with seawater, thermal spring water and other aggressive waters (use **PRB COL & JOINT ÉPOXY**).
- Swimming pools or outdoor areas with bright colours (see colour chart).
- In areas subject to specific hygiene regulations. This product must be used in accordance with the guidelines set out in the special technical specifications, trade rules and/or health and safety regulations.

### APPLICATION CONDITIONS

- Between 5°C and 30°C.
- Do not apply to frozen, thawing, hot or damp surfaces. Do not apply to surfaces in full sunlight or during heavy rain and strong winds.

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- Fluid binders.
- Fine, non-abrasive mineral fillers.
- Water-retention agents & setting agents.
- Resin plasticisers.
- Water-repellent agents.

### PRODUCT

#### POWDER:

- Grain size: < 200 µm

#### PASTE:

- Density: 1.85 ± 0.1
- pH (alkaline): 12.5 ± 0.5

#### AVERAGE PERFORMANCE ONCE CURED:

- Class - according to EN 13888: CG2 WA. (CG1 for the following four colours: lemon yellow, purple red, grass green and royal blue).
- Modulus of elasticity: ≥ 10.000 MPa
- Compressive strength: ≥ 30 MPa
- Reaction to fire (non-combustible): A1 (M0)
- Hardness (shore D): > 80

### UTILISATION

- Mixing ratio (amount of water needed): 30 to 34%
- Mixing time: 3 to 5 mins
- Manipulation time (workable life): 90 mins
- Setting time: 4 to 6 hrs
- Can be walked on (light traffic) after: 4 hrs
- Can be driven on after: 24 hrs
- Minimum joint width: 1 mm
- Maximum joint width: 5 mm

**NB:** These values are estimates derived from laboratory or on-site testing. The conditions of use, the type of material used and its level of wear and tear can significantly alter these values.

## UTILISATION

Please refer to the PRB Process Sheets

### SUBSTRATE PREPARATION

Before applying, make sure that:

- The tile adhesive has completely set or dried.
- The joints are clean, free of foreign matter, of even depth and free of excessive adhesive build-up.
- Unglazed or porous tiles should be moistened before use or treated with a suitable tile protecting agent.

### PRODUCT PREPARATION

- Using an electric mixer set to slow speed, mix **PRB JOINT FIN** with 6 to 6.8 L of clean water per 20 kg bag until you obtain a smooth, lump-free paste of the desired consistency.

**Thick consistency:** for use on walls or floors.

**Plastic to fluid consistency:** for use on floors - apply with a squeegee or scraper.

- Do not re-mix or add water when the mortar begins to stiffen (when it is beginning to set) and be sure to respect the manipulation time (workable life of the mix).
- The quantity of water and mixing time must be kept constant in order to ensure:
  - an even colour from one mix to the next,
  - optimum hardness & finish.
- Make sure you use mortar from the same batch for each job or facade.

### APPLICATION

#### USING A SCRAPER OR TROWEL

- Press **PRB JOINT FIN** into the joints using a scraper or trowel, with alternating strokes diagonally across the joints, pressing firmly so that the joint is properly filled without any gaps.

The fresh joint can be finished with a powder coating so that it can be sealed by hand or with a machine. This increases the surface hardness of the joint and ensures that the joint is flush with the surface of the tiles.

#### FINISHING & CLEANING

- Once firm, clean the tiles with a fine foam sponge or sponge float, diagonally across the joints, rinsing frequently, and taking care not to hollow out the joints.

- Do not let it harden on the coating.
- When the joint has hardened, finish cleaning with a dry cloth.

The aesthetic and mechanical requirements of the joint can be met by using specialist equipment.

#### PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Please read the packaging safety label and safety data sheet before use.