

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.

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/m² when laying standard tiles.

- To calculate the amount needed:
 - refer to the consumption table.
 - use our calculator tool at: 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.