

# PRB JOINT XT

WATERPROOF GROUT FOR WIDE JOINTS - THICK AND FLUID CONSISTENCY



## The +s of PRB JOINT XT

- + Fluid consistency for floors, Thick consistency for walls and floors
- + For joints from 3 to 15 mm
- + Easy to apply and to clean
- + Smooth, clean finish

### PACKAGING

- Paper bag containing 25 kg.
- Plastic bag containing 5 kg (JOINT LARGE CARRELAGE).

**STORAGE LIFE:** 12 months.

### CONSUMPTION/USE

Consumption varies according to tile size, as well as the depth and width of the joints: from 200 to 800 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 15 different colours.



Class CG2 WA

## AREA OF USE

### USES

- Walls & floors
- Interior & exterior
- New and renovation work.
- All types of ceramic tiles or similar.
- Technical Specifications and French DTU Standards for glued or grouted applications.

### COMPATIBLE COVERINGS

- Glazed or porcelain stoneware.
- Extruded stoneware.
- Terracotta\*.
- "Pâte de verre" mosaics.
- Natural stone (limestone, marble or granite)\*.
- Cement and reconstituted stone slabs\*.

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

### LIMITS OF USE

#### Do not apply to/in:

- Areas subject to high-pressure cleaning or aggressive products.
- Wooden panels.
- Areas in contact with seawater, thermal spring water and other aggressive waters (in this case, we recommend using **PRB COL & JOINT ÉPOXY**).
- Earthenware tiles (in this case, we recommend using **PRB JOINT FIN**, as it is non-abrasive).

- 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 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 quartz-based mineral fillers.
- Water-retention agents & setting agents.
- Plasticisers.
- Water-repellent agents.
- UV-resistant mineral pigments.

### PRODUCT

#### POWDER:

- Grain size: <800 µm

#### PASTE:

- Density: 1.95 ± 0.1

- pH (alkaline): 12.5 ± 0.5

#### AVERAGE PERFORMANCE WHEN HARDENED:

- Class - according to EN 13888: CG2 WA.
- Modulus of elasticity: 15,000 ± 5,000 MPa
- Compressive strength: ≥ 20 MPa
- Reaction to fire (non-combustible): A1 (M0)
- Hardness (Shore D): 80

### APPLICATION

- 2 mixing consistencies:
- thick consistency (walls and floors): 19 to 21%
- fluid consistency (floors): 21 to 23%
- Mixing time: 3 to 5 mins.
- Manipulation time (workable life): 60 to 90 mins
- Setting time: 3 to 5 hrs
- Can be walked on after (light circulation): 12 hrs
- Can be walked on after: 24 hrs
- Minimum joint width: 3 mm
- Maximum joint width: 15 mm

**NB:** These values are estimates based on 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

### 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

Mix **PRB JOINT XT** to the desired consistency:

- **Thick consistency (floors and walls):** with 4.75 to 5.25 litres of clean water per 25 kg bag.
- **Fluid consistency (floors):** with 5.25 to 5.75 litres of clean water per 25 kg bag.

- Mix with an electric mixer at low speed until you obtain a smooth, lump-free paste.
- 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 that mortar from the same batch is used for each job (tile or set of tiles).

### APPLICATION

#### USING A SCRAPER, FLOAT OR GROUTING MACHINE

- Press **PRB JOINT XT** into the joints, using alternating strokes diagonally across the joints, pressing firmly so that the joint is properly filled without gaps.

### FINISHING & CLEANING

#### POWDER-COATED FINISH:

For floors, 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.  
(\* We recommend you carry out a test beforehand, depending on the machine and the type of tiles.)

- After filling the joints, lightly dust with **PRB**

#### JOINT XTPOWDER.

- Rub diagonally using a scraper.
- Seal with a cloth and sweep up any excess.
- Depending on the type of covering (porous, uneven, etc.), any traces of grout on the surface of the tiles should be removed with a cloth or sponge before the grout sets.

#### SPONGE FINISH:

- 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 tiles.
- When the joint has hardened, finish cleaning with a dry cloth.

We recommend using a coarse sponge to remove excess mortar and a fine sponge for finishing. 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.