

# PRB JOINT SOUPLE

## IMPROVED FLEXIBLE GROUT



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

- +** Flexible and adaptable - for substrates subject to high stresses
- +** For joints from 3 to 15 mm
- +** High performance waterproof grout
- +** Suitable for underfloor heating, wooden floors, soundproofing systems, etc.
- +** Perfectly smooth finish

#### PACKAGING

- Paper bag containing 20 kg
- Plastic bag containing 5 kg

**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 10 different colours.



Class CG2 WA

## AREA OF USE

### USES

- Walls & floors
- Interior & exterior
- New and renovation work.
- Facades, underfloor heating, wooden floors, terraces..
- Technical Specifications and French DTU Standards for glued or grouted applications.

### COMPATIBLE COATINGS & COVERINGS

- Glazed or porcelain stoneware.
- Extruded stoneware.
- Terracotta\*.
- Pâte de verre mosaics.
- Hard limestone paving slabs\*.
- Marble paving slabs\*.
- Natural stone\*.
- For all other coatings & coverings, please contact the PRB technical department.

\* We recommend that you carry out a stain test before use.

### LIMITS OF USE

#### 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 (in this case, we recommend PRB COL & JOINT ÉPOXY).
- 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 mineral fillers.
- Water-retention agents & setting agents.
- Powdered resin plasticiser.
- Water-repellent agents.

### PRODUCT

- POWDER:**
- Grain size: <600 µm
- PASTE:**
- Density: 1.90 ± 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: ≥ 30 MPa
  - Reaction to fire (non-combustible): A1 (M0)
  - Hardness (shore D): >80

### APPLICATION

- Mixing ratio (amount of water needed): 20 to 22%
- Mixing time: 2 mins.
- Manipulation time (workable life): 1 hr
- Setting time: 7 hrs ± 1 hr
- Can be walked on after: 12 hrs
- Can be driven on after: 24 hrs
- Waiting time when applied with Planiphone: 24 to 72 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

- Using an electric mixer set to a low speed, mix PRB JOINT SOUPLE with 4 to 4.4 litres 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 - application with a squeegee or scraper (<8 mm).

- Do not re-mix or add water when the mortar begins to harden (when it starts to set) and be sure to respect the manipulation time (workable life).
- 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.
- Be sure to use mortar from the same batch for each job (tile or set of tiles).

### APPLICATION

#### APPLY USING A SCRAPER OR TROWEL

- Press PRB JOINT SOUPLE 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 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 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.