

# PRB JOINT BRIK

GROUT FOR FACING BRICKS AND TILES



PRB JOINT BRIK  
RENOVATION - RESTORATION

FACADES

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

- +** For making watertight joints on facing bricks and tiles - 5 to 15mm wide
- +** Smooth or brushed (rustic) finish
- +** For restoring old buildings made of brick or terracotta tiles
- +** Reduced water absorption and high abrasion resistance

### PACKAGING

– Paper bag containing 25kg.

**STORAGE LIFE:** 12 months.

### CONSUMPTION/USE

This will vary according to the size of the bricks or tiles and the depth and width of the joints: from 3 to 5kg/m<sup>2</sup> for tiles measuring 5 x 22cm / 5 x 30cm.

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 20 different colours.



EN 13888  
Class CG2 WA



## AREA OF USE

### USES

- Exterior and interior walls.
- For pointing or re-pointing facing bricks.
- New and renovation work.
- Suitable for non-load bearing, decorative walls.
- Technical Specifications for glued applications.

### PROHIBITED SUBSTRATES

#### Do not apply to:

- Areas subject to high-pressure cleaning or aggressive products.
- Floors.
- Fireplaces, barbecues...
- Swimming pools.
- 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.

### COMPATIBLE COATINGS & COVERINGS (FRENCH DTU STANDARDS & TECHNICAL SPECIFICATIONS)

- Facing tiles.
  - Bricks.
  - Facing bricks.
  - Terracotta.
  - Natural stone\* (limestone & granite).
- \* For natural stone, we recommend that you carry out a stain test before use.

### APPLICATION CONDITIONS

- Between 5°C and 30°C.
- If the temperature exceeds 30°C, special protective measures must be taken.
- Do not apply to frozen, thawing, hot or damp surfaces. Do not apply to surfaces in full sunlight or during heavy rain.

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- Hydraulic binders (cements & natural hydraulic limes).
- Fillers - quartz sand.
- Water-retention agents & setting agents.
- Water-repellent agents.

### PRODUCTS

#### POWDER:

- Max. grain size:  $\pm 1$  mm

#### PASTE:

- Density:  $1.9 \pm 0.1$
- pH (alkaline):  $12.5 \pm 0.5$

#### AVERAGE PERFORMANCE

#### WHEN HARDENED:

- Class - according to EN 13888: CG2 WA.
- Modulus of elasticity: 11,000 to 17,000 MPa
- Compressive strength:  $\geq 15$  MPa

- Reaction to fire (non-combustible): A1 (M0)
- Hardness (shore D):  $>75$
- Abrasion resistance:  $\leq 1,000$ mm<sup>3</sup>

### APPLICATION

- Mixing ratio (amount of water needed): 21 to 23%
- Mixing time: 2 to 3 mins
- Manipulation time (pot life of the mix): 2 hrs
- Setting time: 3 to 5 hrs
- Minimum joint width: 5mm
- Maximum joint width: 15mm

**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

#### New

Before applying, make sure that:

- The tile adhesive has completely set or dried.
- The joints are clean, free of foreign matter and dust, of even depth and free of excessive adhesive build-up.
- Porous tiles, slabs or other cladding materials are moistened beforehand.

#### Renovation work - pointing & re-pointing

- The masonry elements must be sound and stable.
- The joints should be at least 10mm deep and all dust should be carefully removed.
- Moistening just before re-pointing, especially for porous bricks or stones.

### • PRODUCT PREPARATION

- Using an electric mixer set to a low speed, mix PRB JOINT BRIK with 5.25 to 5.75 l of clean water per 25kg bag until you obtain a smooth, lump-free paste of the desired consistency.
- **Firm consistency:** suitable for walls.
- The quantity prepared must take into account the setting of the mortar.
- 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.
- Be sure to use mortar from the same batch for each job.

### • APPLICATION

#### With a trowel or pointing trowel:

- Press PRB JOINT BRIK into the joints using a trowel or pointing trowel, pressing firmly so that the joint is properly filled without any gaps.
- Smooth as you go along with the pointing trowel.
- For a more rustic finish, brush the joint after 30 minutes with a hand brush or soft brush.

**NB:** the profile of the joint must allow rainwater to run off properly.

#### With a grouting bag:

- Fill the grouting bag and guide the nozzle over the joint to apply a continuous, even bead of mortar.
- Press down and smooth the mortar with a pointing trowel to ensure that the joint is properly filled.
- If too much mortar has been applied to the joint, use the edge of a trowel to remove any excess mortar.

#### With a grout float:

(We recommend that you carry out a preliminary test, depending on the texture and porosity)

- Press PRB JOINT BRIK into the joints with a grout float, using alternating strokes diagonally across the joints, pressing firmly so that the joint is properly filled without gaps. Clean with a sponge float (Kitajoint) and rinse frequently.

### FINISHING & CLEANING

- Clean any excess mortar from the tiles with a sponge while the mortar is still fresh.
  - Do not let it harden on the tiles.
  - When the joint has hardened, finish cleaning with a stiff bristle brush.
- The aesthetic and mechanical requirements of the joint can be fully ensured through the use of specialised equipment (e.g. grouting machine).

### PRECAUTIONS FOR USE

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

Technical Data Sheet - 9 June 2022

This technical data sheet is provided for the sole purpose of informing our customers about the characteristics of the product. Its content is based on up-to-date information. Before using the product, the user is advised to check whether this sheet has been replaced by a more recent version. The warranty conditions for our products, processes and systems are specified at the beginning of this catalogue. You can also find them, along with all regulatory and safety documents, online at [www.prb.fr](http://www.prb.fr).