

PRB JOINT BRIK

SPECIAL BRICK AND FACING BRICKS



The PRB JOINT BRIK +

- + Creation of water repellent pointing from 5 to 15 mm wide
- + Smooth or brushed finish (rustic)
- + Restoration of old brick or terracotta faced buildings
- + Reduced water absorption and increased abrasion resistance

PACKAGING

- 25 kg paper bag.
- 1.225 t pallet, i.e. 49 25 kg bags.

STORAGE: 12 months.

CONSUMPTION

Variable depending on the brick or facing brick format, the depth and width of the pointing: from 3 to 5 kg/m² using 5 x 22 cm / 5 x 30 cm facing bricks.

Detailed calculation of your grout consumption:

- refer to the consumption table.
- use our software on the www.prb.fr web site

COLOUR: 20 colours.



EN 13888
Class CG2 WA



AREA OF USE

USE

- Interior and exterior walls.
- Decorative pointing or re-pointing of facing brick walls.
- New build and refurbishment work.
- Building of non load-bearing decorative walls.
- CPTs covering adhesive installation.

PROHIBITED SUBSTRATES

- Do not use in.
- In premises subject to pressure cleaning or aggressive products.
- On floors.
- In fireplaces, barbecues, etc.
- In swimming pools.
- In premises subject to specific hygiene regulations, follow CCTP directives, professional and health rules.

ASSOCIATED COATINGS (DTU, CPT)

- Facing bricks.
- Brick.
- Decorative facing bricks.
- Terracotta.
- Natural stone* (sandstone, granite).

* A prior stainability test is recommended for these coverings.

APPLICATION CONDITIONS

- Between 5°C and 30°C.
- Do not apply on substrates that are frozen or thawing, hot or exposed to full sunlight, soaked or exposed to driving rain.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Hydraulic binders (cements, natural hydraulic lime).
- Fillers, quartz sand.
- Water retention agents, setting regulators.
- Integral waterproofing.

PRODUCTS

POWDER:

- Max. grading: ± 1 mm

PASTE:

- Density: 1.9 ± 0.1
- pH (alkaline): 12.5 ± 0.5

AVERAGE PERFORMANCES

WHEN HARD:

- Class as per EN 13888: CG2 WA.
- Modulus of elasticity: 11000 to 17000 MPa
- Compressive strength: ≥ 15 MPa

- Fire behaviour (non-combustible): A1 (M0)
- Hardness (Shore D): > 75
- Abrasion resistance: ≤ 1000 mm³

APPLICATION

- Mixing rate: 21 to 23 %
- Mixing time: 2 to 3 min.
- Pot life: 2 h
- Setting time: 3 to 5 h
- Minimum width: 5 mm
- Maximum width: 15 mm

N.B.: These values are standard laboratory or site testing values. The preparation conditions and the type and wear of the material used may modify them significantly.

APPLICATION

Refer to the Process Sheets

PREPARATORY WORK

New build

Apply after having made sure:

- That the tiling adhesive has set or dried.
- That the pointing is free of any foreign bodies or dust and is of a regular depth without any significant excess of adhesive mortar.
- That the tiling, facing bricks or porous facing has been wet first.

Refurbishment - Re-pointing

- The masonry must be stable.
- The pointing must be hollowed out to a depth of at least 10 mm and the dust thoroughly removed.
- Wet shortly before re-pointing especially if the brick or stone is very porous.

• PRODUCT PREPARATION

- Mix PRB JOINT BRIK with 5.25 to 5.75 l of clean water per 25 kg bag using a slow speed mixer until an even, lump-free paste of the required consistency is obtained.
- **Firm consistency:** suitable for walls.
- The prepared quantity should take mortar setting into account.
- Do not knock-up or add water when the mortar has started to stiffen (start of setting), respect the pot life.
- The water dosage and mixing time will be as constant as possible to guarantee:
 - the evenness of the colour throughout the application process,
 - optimal final hardness.
- Use a single production batch for the same work.

• APPLICATION

Using a trowel or pointing tool:

- Push PRB JOINT BRIK in using a trowel or a pointing tool and press hard to fill the joint thickness completely.
- Smooth progressively using the pointing tool.
- Brush the pointing (brush, soft brush) after 30 min for a more rustic look.

NB: The pointing profile should allow rainwater to run off properly.

Using a piping bag:

- Fill the piping bag and pass its end along the pointing to deposit a continuous and even amount over the mortar.
- Close in the mortar using a pointing tool to guarantee complete filling.
- Remove the excess mortar using a trowel edge when the pointing is too thick.

Using a pointing float:

- (Prior test depending on the structure and porosity of the covering)
- Push in PRB JOINT BRIK using a pointing float in a crossing movement diagonally to the pointing and push hard to fill the full thickness of the pointing without leaving any voids. Clean using a frequently rinsed sponge float (Kitajoint).

FINISH - CLEANING

- Clean excess off the tiling when the mortar is still fresh using a sponge.
 - Do not allow it to harden on the tiling surface.
 - Perfect the cleaning when the grouting is hard using a hard brush.
- The use of specialised equipment (pointing machine) makes it possible to meet the mechanical and aesthetic requirements of the pointing.

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Refer to the regulatory labels on the packaging and to the safety data sheet before use.