

PRB JOINT RECTIFLEX

SEMI-QUICK-SETTING WATERPROOF MORTAR



The +s of PRB JOINT RECTIFLEX

- +** Flexible mortar
- +** Joints from 1 to 8 mm
- +** Fluid: easy application and cleaning
- +** Fast setting: can be walked on after 5 hrs

PACKAGING

- 15 kg paper bag
- 5 kg plastic bag (JOINT FLEX CARRELAGE)

STORAGE LIFE: 11 months.

CONSUMPTION/USE

Consumption varies according to tile size, as well as the depth and width of the joints: from 150 to 800 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 10 different colours.



Class CG2 WA

AREA OF USE

USES

- Indoor and outdoor floors and walls
- Private swimming pools
- New and renovation work.
- Underfloor heating.
- For premises up to U4, P4S, E3.
- 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.
 - Natural stone* (granite, limestone, etc.).
 - Marble*.
 - Others: please contact us before use.
- *For these coatings, 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 (in this case, we recommend using PRB 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, wet or damp surfaces. Do not apply to surfaces when exposed to direct sunlight.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Fluid binders.
- Fine mineral fillers.
- Water-retention agents & setting agents.
- Resin plasticisers.
- Water-repellent agents.

PRODUCT COLOURS:

- White, Extra White, Ivory, Greige, Taupe Brown, Lavezzi Grey, Silver Grey, Grey, Black, Guernsey Grey, Charcoal Grey.

POWDER:

- Grain size: < 500 µm

PASTE:

- Density: 2.03 ± 0.1
- pH (alkaline): 12.5 ± 0.5

AVERAGE PERFORMANCE ONCE CURED:

- Class - according to EN 13888: CG2 WA.
- 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):
18 to 20% with white cement
22 to 24% with grey cement
- Mixing time: 2 mins.
- Manipulation time (workable life)*:
45 ± 10 mins.
- Setting time: 120 ± 30 mins.
- Can be walked on (light traffic) after*: 5 hrs
- Can be driven on after: 24 hrs
- Minimum joint width: 1 mm
- Maximum joint width: 8 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

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.

To avoid differences in appearance and efflorescence:

- Do not work on damp floors or floors subject to capillary rising damp.
- Preferably apply in temperatures ≥ 10°C.
- Apply the grouting mortar in a uniform thickness and on surfaces with the same porosity.
- Apply to the whole surface of the room or wall in the same day.

If in doubt, consult the coating manufacturer and carry out a preliminary test.

PRODUCT PREPARATION

Take a 5 or 15 kg bag of grouting mortar, depending on the surface to be grouted, and use within 30 to 45 minutes of mixing (DPU).

- Use the whole bag to ensure the correct water/cement ratio. Use the PRB measuring bucket.

- Mix the PRB JOINT RECTIFLEX fine mortar with clean water, using the amount of water indicated on the packaging:

Packaging	Amount of water to be added depending on the colour	
	White - Extra White - Ivory Greige - Taupe Brown Lavezzi Grey - Silver Grey	Grey Guernsey Grey Charcoal Grey Black
5 kg bag	0.9 to 1 L	1.1 to 1.2 L
15 kg	2.7 to 3 L	3.3 to 3.6 L

APPLICATION

USING A SCRAPER OR TROWEL.
Press PRB JOINT RECTIFLEX 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. On walls, start at the top and work down.

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.
- Cleaning time: 15 to 30 min.
 - 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 fully ensured through the use of specialised equipment (PRB grouting kit).

PRECAUTIONS FOR USE

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