

PRB • COL TERRASSE

IMPROVED ADHESIVE MORTAR FOR TERRACES



The +s of PRB•COL TERRASSE

- + Excellent performance when laying thick tiles and slabs
- + Heat and frost resistant
- + For tiles and slabs up to 25mm thick
- + Sizes up to 4,000 cm²

PACKAGING

– Paper bag containing 25 kg

STORAGE LIFE: 18 months.

CONSUMPTION/USE

For localised levelling: 1.5 kg/m²/mm of thickness. The type of trowel and bonding method should be chosen according to the size of the tiles and their intended use.

As a guide, according to the DTU, in kg/m²:

Serrated trowel	Without back buttering	With back buttering
U6	3,5	5 to 6
U9	4,5	6 to 7
DL 20	/	6 to 8

See consumption details at the end of the "TILING" catalogue.

COLOUR: Grey & beige.



Class C2



AREA OF USE

USES

- Interior and exterior floors
- New builds.
- For floors up to category U4, P3.
- Private swimming pools.
- French DTU 52.2 and Technical Specifications in force.

SUITABLE SUBSTRATES

- Concrete.
- Cement mortar screeds.
- Floor coatings classified as P3 or higher.

OUTDOOR USE: to be applied at a rate of 350 kg/m³ with a sufficient slope of 1.5 cm/m.

INDOOR USE:

- Liquid cement screed (1).
- Suitable lightweight concrete or mortar (d > 0.65).

* After preparation and in combination with a primer: **PRB ACCROSOL PLUS** or **PRB ACCROSOL AG**.

(1) The use of a primer is optional provided the surface is adherent and free of dust.

Other uses: see the selection guides.

PROHIBITED SUBSTRATES

Do not apply to:

- Floors subject to rising damp (apply PRB ACCROCOL TECHNIC).
- Plaster.
- Metal.

COMPATIBLE COATINGS & COVERINGS

TYPE:

PRB•COL TERRASSE is suitable for the following coverings and coatings:

- Glazed or extruded stoneware (enamelled or non-enamelled).

- Fully glazed stoneware.
- Gravelled/Concrete slabs and paving blocks
- Terracotta.
- Natural stone.

SIZE:

PRB•COL TERRASSE can be used for bonding large surfaces:

- Ceramic tiles: up to 2,200 cm² (int: 3,600 cm²)
 - Natural stone: up to 3,600 cm²
 - Gravelled and reconstituted concrete paving slabs*: up to 4,000 cm²
- (* Outdoor applications not included in DTU)

NB: For floors, the applicable standards and regulations regarding the slip resistance of the tiles must be respected. See the selection guide for size limitations according to the type of substrate.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply to frozen, freezing, thawing, hot or wet substrates, or in full sunlight, heavy rain or high winds.
- For outdoor terraces and patios, we recommend moistening the slab or screed before gluing/bonding.
- Do not interfere with existing expansion and dividing joints.
- Allow for an edging joint between the last row of tiles and the vertical walls.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Grey or white hydraulic binders.
- Silica fillers, water retention agents & setting agents.
- Specific additives.
- Incorporated resin plasticiser with high wetting and adhesion properties.

PRODUCT

POWDER:

- Grain size: <600 µm
- pH (alkaline): 12.5 ± 0.5

AVERAGE PERFORMANCE WHEN HARDENED:

- Class - according to EN 12004-1: C2
- Adhesion (dry, water, heat & freeze-thaw): ≥1.00 MPa
- Temperature resistance: - 30° + 70° C

APPLICATION

- Mixing ratio (amount of water needed): 24 to 28%
- Tack free time: 20 ± 10 mins
- Adjustability time: 20 ± 10 mins
- Manipulation time (workable life): 2 hrs ± 1 hr
- Waiting time before grouting: approx. 24 hrs
- Can be walked on after: 24 to 48 hrs

- Can be driven on after (LW vehicles - private property): 15 days

NB: These values are estimates based on laboratory tests carried out in accordance with the applicable technical guidelines. The application conditions can significantly change these values.

UTILISATION

Please refer to the PRB Process Sheets

SUBSTRATE PREPARATION

- Substrate surfaces must be resistant, clean and dry. If there is any residual laitance, sand and then brush and vacuum to remove any dust.
- They must also be flat and even. For uneven surfaces, patch locally with **PRB•COL TERRASSE** (at a thickness of at least 10 mm) the day before laying.

PRODUCT PREPARATION

- Mix 1 x 25 kg bag of **PRB•COL TERRASSE** with 6 to 7 litres of clean water. Mix with an electric mixer at low speed until you obtain a smooth, lump-free paste.

APPLICATION

- Spread **PRB•COL TERRASSE** over the substrate in sections of 1 to 2 m² and adjust the thickness with a notched trowel (to be chosen according to the size of the tile and the evenness of the substrate).
- When back buttering, apply a thin layer of 1 to 2 mm to the back of the tile.
- Always use the back buttering technique when laying tiles with low porosity, depending on the size for indoor applications, and for all sizes for outdoor or swimming pool applications.
- Lay the tiles on the fresh mortar and press or tap firmly to ensure that the mortar is evenly distributed on the back of the tiles and to expel any air bubbles.

NB: Tiles should be cleaned with a sponge as soon as they are laid. Tools and stains should be cleaned immediately with water.

GROUTING - FINISHING

- Wait until the next day before grouting.
- For grouting, we recommend using products from the **PRB•JOINT** range. These products are ready to use and are specially adapted to the various types of use (see technical data sheets).
- We recommend **PRB TOP JOINT** or **PRB JOINT OPUS** for grouting slabs, paving, cobblestones, terracotta or stone.

PRECAUTIONS FOR USE

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