

PRB•COL POUDRE

THICK ADHESIVE MORTAR



The PRB•COL POUDRE +

- + Laying of small or large format ceramic tiles
- + Patios and private swimming pools

PACKAGING

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

STORAGE: 12 months.

CONSUMPTION

As localised levelling compound: 1.5 kg/ m²/ mm thickness. Choice of application tools and method depending on the format and purpose. As an indication as per DTU, in kg/m²:

Serrated edge	Single application	Double application
U6	3.5	5 or 6
U9	4.5	6 or 7
DL 20	/	6 to 8

See consumption details at the back of the "TILER" catalogue.

COLOUR: Grey and White



Class C1 T



FIELD OF USE

USE

- Interior walls : good slip resistance.
- Interior and exterior floors: P2 and P3 premises.
- New build.
- Applicable DTU 52.2. & CPT
- Adhesive mortar certification.

AUTHORISED SUBSTRATES

VERTICAL SUBSTRATES:

- Cement mortar or rough coat render on masonry walls.
- Plasterboards, whether water repellent or not.
- Cellular concrete.

HORIZONTAL SUBSTRATES:

- Concrete paving.
- Cement screed.
- Floating screed and slab.
- P3 class at least of self-smoothing levelling render.

Other uses: please consult selection guides.

PROHIBITED SUBSTRATES

Do not apply on:

- Thin film renders, paints, TPC.
- Directly on wood panels, plaster and plaster blocks.
- Substrates that are deformable or subject to movements.
- Substrates subject to heavy or intense traffic.
- Underfloor heating
- Anhydrite screeds.
- Low porosity tiling (porcelain stoneware, marble, granite).
- On facades.
- On concrete walls.

ASSOCIATED COATINGS

TYPE:

PRB•COL POUDRE is especially recommended for the application of the following coverings:

- Ceramic and extruded stoneware, glazed or not (porosity > 0.5 % and > 3 % on walls).
- Natural stone* (porosity > 2 % on walls).
- Terracotta.
- Cement tiles.
- Faience.
- Glass paste.
- * Stainability test as per DTU.

N.B.: The weight of the coverings is limited to 40 kg/m² on walls.

FORMAT:

PRB•COL POUDRE is used to bond large sized coatings:

- Interior walls: (40 x 50) up to 2000 cm².
- Interior floors: (45 x 45) up to 2000 cm².
- Exterior floors: from 50 cm² up to 1600 cm² (not covered by DTU).

N.B.: For floors, it is advisable to respect the standards or regulations in force with respect to the slipperiness of tiles. Format limits depending on the substrate: read selection guides.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on substrates that are frozen, freezing or thawing, very hot or exposed to full sunlight, soaked or exposed to driving rain and heavy winds.
- Follow the existing expansion joints and partitioning joints.
- Leave space for a boundary joint between the last row of tiles and the vertical walls.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Grey or white hydraulic binders.
- Fine mineral fillers.
- Silica sands.
- Specific additives, including fibres and cellulose derivatives.

PRODUCT

POWDER:

- Density: 1.4 ± 0.1 t/m³
- Grading: < 600 µm
- pH (alkaline): 12.5 ± 0.5
- Average performances in hardened condition:
- Class as per EN 12004: C1 T
- Adherence (dry, water, heat, freeze-thaw): ≥ 0.5 MPa
- Resistance to temperatures: - 20°C + 70° C

PREPARATION

- Mixing rate: 24 to 26 %
- Laying thickness: 2 to 10 mm
- Open time: 20min
- Adjustment time: 15 min
- Pot life: 1 h 30 to 2 h 30
- Time before grouting: 10 to 24 h
- Time before pedestrian access: 24 to 48 h

N.B.: These values are standard laboratory testing values determined according to the applicable technical guides. The preparation conditions may modify them significantly.

PREPARATION

Refer to PRB Process Sheets

SUBSTRATE PREPARATION

- Substrates must have surfaces that are strong and clean and must not release moisture.
- Traces of plaster, grease, surface laitance, etc. must be eliminated.
- PRB•COL POUDRE may be used locally up to 10 mm as levelling and filling mortar.
- Wait for it to harden (12 to 24 h) before the bonding operation.

PRODUCT PREPARATION

- Mix 1 bag of PRB•COL POUDRE with 6 to 6.5 l of clean water per 25 kg bag using an electric mixer at low speed until an even paste without lumps is obtained of the correct consistency.

APPLICATION

- Spread PRB•COL POUDRE on the substrate using a trowel or smoothing trowel then adjust the thickness with a serrated float (choice of serration according to the size of the covering and the flatness of the substrate)
- For double-sided application, apply a thin coat (1 mm to 2 mm) on the back of the tile.

- Double-sided application is mandatory with all low porosity tiles, and for sizes greater than 400 cm² (20 x 20).
- Lay the covering on fresh grooves and press down hard or beat it to obtain a good transfer and to dispel air.

N.B.: The tiles must be cleaned using a sponge immediately after their installation, similarly the tools and stains must be cleaned with water immediately after use.

GROUTING - FINISH

- Grouting is carried out between 10 and 24 h after the bonding operation.
- For grouting, use PRB•JOINT line products, ready to use and suitable for the different uses (see technical sheets).

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Read the regulatory labelling on the package.
- Read the safety data sheet before using.