

# PRB • COL TERRASSE

IMPROVED ADHESIVE MORTAR FOR PATIOS



## The PRB•COL TERRASSE +

- + Withstands the laying of very thick tiling and paving
- + Heat and frost resistant
- + Loads up to 25 mm thick
- + Format up to 4,000 cm<sup>2</sup>



Class C2

### PACKAGING

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

**STORAGE:** 12 months.

### CONSUMPTION

As localised smoothing compound: 1.5 kg/ m<sup>2</sup>/ mm thickness. Choice of notched trowels and method depending on the format and purpose. As an indication as per DTU, in kg/m<sup>2</sup>:

Notched trowel	Single application	Double application
U6	3.5	5 to 6
U9	4.5	6 to 7
DL 20	/	6 to 8

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

**COLOUR:** Grey and Beige.

## AREA OF USE

### USE

- Interior & exterior floors
- New builds.
- Premises up to U4, P3.
- Private pools.
- DTU 52.2 and applicable CPTs.

### AUTHORISED SUBSTRATES

- Concrete.
- Cement mortar screeds.
- Minimum P3 class floor compounds.

**OUTSIDE:** dosed to 350 g/m<sup>2</sup> with a sufficient pitch of 1.5 cm/m.

### INDOORS:

- Liquid cement screed(1).
- Suitable concrete or lightweight mortar (d > 0.65).
- \* After preparation and combined with **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** primer.

(1) Primer optional, on condition that the surface condition is cohesive and dust-free.

**Other uses:** refer to the selection guides.

### PROHIBITED SUBSTRATES

**Do not apply on:**

- Ground subject to rising damp (use PRB ACCROSOL TECHNIC).
- Plaster.
- Metal.

### ASSOCIATED COATINGS

#### TYPE:

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

- Vitrified stoneware, extruded stoneware (enamelled or not).
- Fully vitrified stoneware.

- Concrete slabs and tiling, gravelled slabs.
- Terracotta.
- Natural stone.

### FORMAT:

**PRB•COL TERRASSE** is used to bond large sized coatings:

- Ceramic tiles: up to 2,200 cm<sup>2</sup> (int: 3600 cm<sup>2</sup>)
- Natural stone: up to 3,600 cm<sup>2</sup>
- Gravelled tiling and reconstituted concrete slabs\*: up to 4,000 cm<sup>2</sup> (\*Not covered by the DTU outdoors)

**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 strong winds.
- On outdoor patios it is recommended to wet the slab or screed before application.
- 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 CHARACTERISTICS

### COMPOSITION

- Grey or white hydraulic binders.
- Silica fillers, water retention agents, setting regulators.
- Specific additives.
- Plasticizing resin combined with high wetting and adhesive power.

### PRODUCT

#### POWDER:

- Density: 1.15 ± 0.1 t/m<sup>3</sup>
- Grading: < 400 µm
- alkaline pH: 12.5 ± 0.5

#### AVERAGE PERFORMANCES IN HARDENED CONDITION:

- Class as per EN 12004: C2

- Adherence (dry, water, heat, freeze-thaw): ≥ 1.00 MPa
- Resistance to temperatures: - 30° + 70° C

### APPLICATION

- Mixing rate: 24 to 28 %
- Open time: 20 ± 10 min
- Adjustability time: 20 ± 10 min
- Pot life: 2 ± 1 h

- Time before grouting: 24 hours approx.
- Time before pedestrian access: 24 to 48 h
- Time before light vehicle access (private properties): 15 days

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

## APPLICATION

Refer to PRB Process Sheets

### SUBSTRATE PREPARATION

- The substrates must have a strong, dry and clean surface condition. If there is residual laitance, rub down and remove the dust with a brush-vacuum.
- They must also be perfectly flat. If not, locally level using **PRB•COL TERRASSE** the day before laying, using thicknesses up to 10 mm.

### PRODUCT PREPARATION

- Mix 1 25 kg bag of **PRB•COL TERRASSE** with 6 to 7 l of clean water. Mix using a low speed electric mixer until a consistent paste is obtained without lumps.

### APPLICATION

- Pour **PRB•COL TERRASSE** onto the substrate in areas of 1 to 2 m<sup>2</sup> the, adjust using a serrated float (choice of the serration depending on the cover format and the flatness of the substrate).
- For double adhesive application, apply a thin coat (1 to 2 mm) on the back of the tiles.
- Double adhesive application is mandatory for tiles that are not sufficiently porous formats indoors and for all formats outdoors or in pools.
- 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 with the sponge immediately after their installation, likewise the tools and stains must be cleaned with water immediately after use.

### GROUTING - FINISH

- Grouting is applied the next day.
- For grouting, use **PRB•JOINT** line products, ready to use and suitable for the different uses (see technical sheets).
- For slab, paving, terracotta or stone grouting, use **PRB TOP JOINT** or **PRB JOINT OPUS** for example.

### PRECAUTIONS FOR USE

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