

PRB • COL PRO

IMPROVED MULTI-PURPOSE ADHESIVE MORTAR



The PRB • COL PRO +

- + Mixed binder based improved adhesive
- + Extended open time
- + Suitable for refurbishments and pools
- + Grey and white



Class C2 ET



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/ m²/ mm thickness. Choice of notched trowels and method depending on the format and purpose. As an indication as per DTU, in kg/m²:

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 White

AREA OF USE

USE

- Interior & exterior floors
- Interior walls
- New build and refurbishment, pools and ponds.
- DTU 52.2 and applicable CPTs.
- Adhesive mortar certification.

AUTHORISED SUBSTRATES

- Concrete.
- Cement mortar screeds.

FOR INTERIOR USE (SEE PROCESS SHEETS):

- Liquid cement screed(2).
- Minimum P3 class floor compounds.
- Single layer cement mortar renders (class CS III and CS IV).
- Plasterboards whether water repellent or not.
- Terracotta tile partitions.
- Cellular concrete.
- Old adhesive tiles(1) (glued or embedded).

- Old adherent and resistant paints(3).
- Rigid PVC tiles(1).
- Timber panels (CTBH, CTBX)(3).
- Water protection system.

(1) Use of a primer to improve the preparation is optional.

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

(3) After preparation and combined with **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** primer.

Other uses: refer to the selection guides.

PROHIBITED SUBSTRATES

Do not apply on:

- Metal.
- Directly to plaster blocks and plasterboard.

ASSOCIATED COATINGS

TYPE:

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

- Vitrified stoneware, enamelled or not.
- Porcelain coated stoneware (porosity < 0.5 %).
- Natural stone* (marble, granite, etc.).
- Terracotta.
- Facing bricks.

* Use white **PRB • COL PRO**. Stainability test according to DTU/CPT.

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

FORMAT:

PRB • COL PRO used to glue large sized coatings:

- Interior walls: up to 2,200 cm²
- Interior floors: up to 3,600 cm²
- Exterior floors: up to 3,600 cm² (Stoneware 2,200 cm²)

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.
- Plasticizing resin combined with high wetting and adhesive power.

PRODUCT

POWDER:

- Density: 1.3 ± 0.1 t/m³
- Grading: < 600 µm
- pH: 12.5 ± 0.5

AVERAGE PERFORMANCES IN HARDENED CONDITION:

- Class as per EN 12004: C2 E
- Adherence (dry, water, heat, freeze-thaw): ≥ 1.00 MPa
- Resistance to temperatures: - 30° + 70° C

APPLICATION

- Mixing rate: 23 to 26 %
- Open time: 30 min
- Adjustability time: 20min
- Pot life: 1h 30
- Time before grouting: 8 to 24 h
- Time before it can be walked on: 24 to 48 h
- Standing time: 5 min. approx.

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

- Substrates must have surfaces that are strong and clean and must not release moisture.
- Traces of plaster, grease, surface laitance, etc. must be eliminated.
- Depending on the substrates, (see opposite) a primer may be essential, if so apply **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** at a rate of 150 to 300 g/m² and leave to dry 2 to 4 h before spreading the adhesive mortar.

- **PRB • COL PRO** can be used for localised levelling or filling of a thickness of 2 to 10 mm.
- Wait 24 to 48 h before covering.

PRODUCT PREPARATION

- Mix 1 bag of **PRB • COL PRO** with 5.75 to 6.5 l of clean water per 25 kg bag using a low speed electric mixer until an even and lump-free paste is obtained at the required consistency.

APPLICATION

- Spread **PRB • COL PRO** on the substrate using a trowel or a float, then adjust the

thickness using a serrated edge (choice of the serration depending on the cover format and the flatness of the substrate).

- For double layers, apply a thin coat (1 mm to 2 mm) on the back of the tile.
- Double application is mandatory for all tiles that are not very porous.
- 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).

PRECAUTIONS FOR USE

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



PRB • COL PRO
TILE LAYING: ADHESIVE MORTARS

MORTAR
& FLOORS