





PRB•COL PLUS

IMPROVED ADHESIVE MORTAR



The of PRB•COL PLUS

-  Laying of standard tiling
-  New build and refurbishment
-  Indoors and outdoors
-  Grey and White

PACKAGING

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

STORAGE: 12 months

CONSUMPTION

For local levelling: 1.5 kg/ m²/ mm of thickness. Choice of the notched trowels and laying method depending on the format and intended use.
As an indication according to the DTU, in kg/m²:

Comb	Single side application	Double side application
U6	3.5	5 or 6
U9	4.5	6 or 7
DL 20	7	6 to 8

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

COLOUR: Grey and White



C2 E Class

FIELD OF USE

USE

- Outdoor & indoor floors
- Inside walls
- New and refurbishment work.
- Premises up to U4, P3.
- Swimming pools
- DTU 52.2, applicable CPTs.
- Adhesive mortar certification.

AUTHORISED SUBSTRATES

- Concrete.
- Cement mortar screeds.
- INDOORS (SEE PROCESS SHEETS):**
- Liquid cement screed (2).
- Adapted lightweight concrete or mortar (d > 0.65).
- Minimum P3 class floor renders.
- Single coat cement mortar renders (class CS III and CS IV).
- Cardboard coated plasterboard, water repellent or not.
- Terracotta block walls.
- Cellular concrete.

- Old adhesive tiling (1) (glued or cemented).
- Old adhesive and strong paints (3).*
- Rigid PVC tiles (1).
- Wood panels (CTBH, CTBX).*

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

(1) Direct fixing possible, in that case remove the polish of existing enamelled or polished stoneware. The use of the primer to improve the preparation is optional.

(2) Primer optional, subject to a cohesive and dust free surface condition.

(3) Subject to preparation and combined with the **ACCROSOL AG** or **ACCROSOL PLUS** primer.

Other uses: please refer to the selection guides.

PROHIBITED SUBSTRATES

Do not apply on:

- Floors subject to rising damp (use **PRB ACCROSOL TECHNIC**).
- Plaster and plasterboard directly.
- Metals.

ASSOCIATED COVERINGS

TYPE:

PRB•COL PLUS is especially recommended for laying the following coverings of all porosities:

- Vitrified stoneware, drawn stoneware (enamelled or not).
- Fully vitrified stoneware (porosity ≤ than 0.5 %).
- Terracotta.
- Natural stone.
- Concrete slabs and paving.

FORMAT:

PRB•COL PLUS used to fix large sized coverings:

- Inside walls: up to 2200 cm²

- Inside flooring: up to 3600 cm²
- Outdoor flooring: up to 3600 cm² (Stoneware 2200 cm²)

NB: for flooring, comply with applicable standards and regulations covering tiling slip factors. Format limited depending on the substrate: refer to the choice guides.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on frozen or thawing substrates, hot substrates or those in direct sunlight, soaked or damp substrates.
- On outdoor patios, it is recommended to dampen the slab or the screed before applying.
- Follow existing expansion and separating joints.
- Reserve a joint around each tile and between the tiles and vertical walls.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Grey or white hydraulic binders.
- Silica fillers, water retainers, setting regulators.
- Specific additives.
- Plasticising resin included.

PRODUCT

POWDER

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

PERFORMANCES WHEN HARD:

- Class as per EN 12004: C2E
- Adherence (dry, water, heat, freezing-thawing): ≥ 1.00 MPa

- Temperature resistance: - 30° + 70° C

PREPARATION

- Mixing rate: 22.5 to 25.5 %
- Open time: 30 ± 10 min
- Adjustment time: 20 ± 10 min
- Pot life: 2 h
- Time before grouting: 24 h approx.

- Time before pedestrian access: 24 to 48 h

NB: These values are an order of size for laboratory tests or work sites determined using the technical guides. The application conditions can significantly alter them.

APPLICATION

Please refer to the PRB Process Sheets

SUBSTRATE PREPARATION

- Substrates must have a strong, clean and dry surface.
- Traces of plaster, grease, surface laitance etc. must be eliminated.
- Depending on the substrates, (see above) a primer may be essential, in those cases apply **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** at 150 to 300 g/m² and leave to dry 2 to 4 h before spreading the adhesive mortar.
- They should also be suitably level. If this is not the case, level locally using **PRB•COL PLUS** the day before laying, thickness up to 10 mm. Time 24 to 48 h before laying.

- Refurbishment on existing tiling and vinyl tiling: check for correct adherence, clean. For very smooth stoneware, sand it. To optimise adherence, apply **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** (drying time 4 to 12 h).

PRODUCT PREPARATION

- Mix 1 25 kg bag of **PRB•COL PLUS** with 5,6 to 6,4 l of clean water. Mix using an electric beater at slow speed until an even and lump-free paste is obtained.

APPLICATION

- Spread **PRB•COL PLUS** on the substrate using a trowel or floater, then adjust the thickness using a serrated trowel (notch choice depending on the format of the covering and the levelness of the substrate).
- For double-sided application, apply a thin 1 to 2 mm layer on the back of the tiles. Double-sided application is mandatory for tiles that are not very porous, depending on the format for indoors and for all formats outdoors.
- Lay the covering on freshly applied bands and press down strongly or tap to obtain a correct transfer and eliminate air.

NB: The tiles should be cleaned using a sponge as soon as they are laid, similarly tools and stains should be cleaned using water immediately.

GROUTING - FINISHING

- Grouting is carried out the next day.
- For grouting, use products from the **PRB•JOINT** line that are ready-to-use and suitable for the different uses (see technical sheets).

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Please refer to the regulatory labelling on the packaging and the safety data sheet before using.

Technical sheet - March 2017