

PRB • COL SOUPLE

IMPROVED FLEXIBLE ADHESIVE MORTAR,



The PRB•COL SOUPLE +

- + Extended open time
- + Routine new build and refurbishment works including underfloor heating
- + Ceramic and natural stone tiling

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 or 6
U9	4.5	6 or 7
DL 20	-	6 to 8
Formats > 3,600 cm ² : 7 to 8		

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

COLOUR: Grey and White.



Class C2S1 E



AREA OF USE

USE

- New build and refurbishment.
- Interior & exterior walls and floors.
- Premises up to U4, P3.
- DTU 52.2 and applicable CPTs.
- Adhesive mortar certification.

AUTHORISED SUBSTRATES

- Concrete paving.
- Concrete floors of unheated buildings and over crawl space.
- Sanded Liquid Sealing System.
- Cement mortar screeds.

FOR INTERIOR USE (SEE PROCESS SHEETS):

- Liquid cement screed(2).
- Anhydrite screed* with less than 0.5% moisture.
- Sanded Liquid Sealing System.
- Minimum P3 class floor compounds.
- Dry screeds.
- PCBT, PCR, PRE underfloor heating.
- Plasterboards whether water repellent or not.
- Cellular concrete.
- Terracotta tile partitions.

- Old adherent tiles (1) (bonded or embedded).
 - Old adhesive and resistant paints*.
 - Rigid PVC tiles (1).
 - Timber Boards (CTBH, CTBX, OSB)*.
 - Bonded mosaic wood flooring*.
- * After preparation and combined with **PRB ACCROSOL AG** or **PRB ACCROSOL PLUS** primer.
- (1) The use of a primer to improve the preparation is optional. Refer to PRB Process Sheets.
- (2) Primer optional, on condition that the surface condition is cohesive and dust-free.
- Other uses:** please consult the selection guides.

PROHIBITED SUBSTRATES

- Do not apply on:**
- Ground subject to rising damp (use **ACCROSOL TECHNIC**).
 - Directly on plaster.
 - Metal.

ASSOCIATED COATINGS

TYPE:

- PRB•COL SOUPLE** is especially recommended for the application of the following coverings of any porosity:
- Vitrified stoneware, extruded stoneware (enamelled or not).
 - Fully vitrified stoneware.
 - Terracotta, glass paste, faience.
 - Natural stone*: limestone, marble, granite.
- *Stainability test according to DTU/CPT.

FORMAT:

- PRB•COL SOUPLE** is used to bond large sized coatings:
- Interior walls: up to 3600 cm²
 - Exterior walls: up to 3600 cm²
 - Interior floors: up to 3600 cm² and up to 10,000 cm² for new builds (UPEC certified tiling)
 - Exterior floors: up to 3,600 cm²

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

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on frozen or thawing substrates, or substrates that are hot or in direct sunlight, soaked or damp.
- On outdoor patios it is recommended to wet the slab or screed before application.
- Follow the existing expansion joints and partitioning joints.
- Reserve an edge joint between the tiles and vertical walls.

TECHNICAL CHARACTERISTICS

COMPOSITION

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

PRODUCT POWDER

- Density: 1.2 ± 0.1 t/m³
- Grading: < 400 µm
- alkaline pH: 12.5 ± 0.5

AVERAGE PERFORMANCES IN HARDENED CONDITION

- Class as per EN 12004: C2 S1 E
- Adherence (dry, water, heat, freeze-thaw): > 1 MPa

- Resistance to temperatures: - 30°C + 70°C

APPLICATION

- Mixing rate:
Grey: 26 to 28 %
White: 25 to 27 %
- Open time: 30 ± 10 min.
- Adjustability time: 20 min.
- Pot life: 2h
- Time before grouting: 8 to 24 h
- Time before walkable: 24 to 48 h

- Resting time: 5 min.

N.B.: These values are laboratory testing values determined using 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 dry. In the case of residual laitance, rub down then remove dust by brushing - vacuuming. They must also be perfectly flat. If not, locally level using **PRB•COL SOUPLE** the day before laying, using thicknesses up to 10 mm.

PRODUCT PREPARATION

- Mix **PRB•COL SOUPLE Grey** with 6.5 to 7 l of clean water (**White** with 6.25 to 6.75 l) per 25 kg bag.
- Mix using a low speed electric mixer until a consistent paste is obtained without lumps.

APPLICATION

- Spread **PRB•COL SOUPLE** onto the substrate using a serrated float (choice of the serration depending on the cover format and the flatness of the substrate).

- Lay the covering on fresh grooves and press down hard or beat it to obtain a good transfer and to dispel air.
- For double adhesive application, apply a thin coat (1 mm to 2 mm) on the back of the tiles. Double application is mandatory for all tiles that are not sufficiently porous.

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**, ready to use line products suitable for the different types of use (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.