

PRB•COL FLUID N

SINGLE SIDE APPLICATION FLUID ADHESIVE MORTAR



The PRB•COL FLUID N

- Suitable for U4 P4 / U4 P4S heavy traffic premises
- Normal setting and simplified laying
- Easy to mix and apply

PACKAGING

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

STORAGE: 18 months.

CONSUMPTION

As localised levelling compound: 1.5 kg/ m²/ mm thickness.
Choice of serrated floats and application method depending on the format and purpose.

As an indication as per DTU, in kg/m²:

Comb	Sizes in cm ²	Single coat application
U9	120 to 1200	4 to 5
DL 20	1200 to 2200	5 to 6
DL 20	2200 to 3600	6 to 8

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

COLOUR: Grey.



DUST FREE*
*Reduced dust emissions



Class C2 EG

N° 49 MC 174



AREA OF USE

USE

- Interior & exterior floors.
- New build and refurbishment.
- U4 P4 and U4 P4S and industrial premises (contact us).
- DTU 52.2 and applicable CPTs.
- Adhesive mortar certification.
- Specifications document N°2 of September 2019: application in U4 P4 and U4 P4S premises.

AUTHORISED SUBSTRATES

- Concrete paving.
- Cement mortar screeds.
- FOR INTERIOR USE (SEE PROCESS SHEETS):**
- Minimum P3 class floor compounds.
- Liquid cement screed(2).
- Sanded Liquid Sealing System (SEL).
- Dry screeds.
- Old adhesive tiles (bonded or sealed) (1).
- Old adherent and resistant paints(3).

- Rigid PVC tiles(1).
 - Timber panels (CTBH, CTBX)(3).
 - Bonded mosaic wood flooring(3).
- (1) The 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 **ACCROSOL AG** or **ACCROSOL PLUS** primer.

Other uses: refer to the selection guides.

PROHIBITED SUBSTRATES

- Do not apply on:**
- Metal.
 - Plaster.

ASSOCIATED COATINGS

- TYPE:**
PRB•COL FLUID N is especially recommended for the laying of the following coverings regardless of their porosity:
- Vitrified, extruded or enamelled stoneware.
 - Terracotta.
 - Natural stone (marble, granite...)*.
- * Use **PRB•COL FLUID N Blanc**. Stainability test according to DTU/CPT.

FORMAT:

- PRB•COL FLUID N** is used to bond large sized coatings:
- Interior floors: up to 3600 cm²
 - Exterior floors: up to 2200 cm²

N.B.: For floors, it is advisable to respect applicable standards or regulations 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.
- Reserve an edge joint between the tiles and vertical walls.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Hydraulic binders.
- Fine mineral fillers.
- Quartz sands.
- Redispersible resin.
- Key coat.
- Specific additives.

PRODUCT

- Grading: < 800 µm
- Alkaline pH: 12.5 ± 0.5

AVERAGE PERFORMANCES IN HARDENED CONDITION:

- Class as per EN 12004-1: C2 EG
- Adherence (dry, water, heat, freeze-thaw): ≥ 1.00 MPa
- Resistance to temperatures: - 30°C + 70°C

APPLICATION

- Mixing rate: 23 to 25 %
- Standing time: 5 min. approx
- Open time: 30 ± 10 min.
- Adjustment time: 20 ± 10 min.
- Pot life: 90 ± 30 min.
- Time before grouting: The next day
- Light pedestrian traffic after grouting: 24 h
- Time before intensive traffic P4, P4 S: 96 h

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. They must also be perfectly flat, otherwise, level using at least a P3 levelling render.
- 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.

- For a quicker drying time, 30 min. minimum depending on the substrate, use **PRB ACCROSOL EXPRESS** at a rate of 150 to 300 g/m².

PRODUCT PREPARATION

- Mix 1 bag of **PRB•COL FLUID N** with 5.75 to 6.25 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

- Pour **PRB•COL FLUID N** onto the substrate and adjust the thickness using a serrated trowel (choice of the serration depending on the cover format and the flatness of the substrate).
- Lay the covering on the fresh grooves and press down hard or beat to obtain a good transfer and to dispel air.
- Check the transfer regularly whilst laying.

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

GROUTING - FINISH

- Grouting must be applied on the day after laying.
- For grouting, use **PRB•JOINT** range 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.