

# PRB • COL SPID HP

HIGH PERFORMANCE QUICK-SETTING ADHESIVE MORTAR



## The PRB•COL SPID HP +

- + Grouting in 2 to 5 h
- + Accelerated setting in cold weather
- + Premises can be re-commissioned quickly
- + Tiling of any porosity

**DUST FREE\***  
reduced dust emissions

Class C2 F



### 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 or 6
U9	4.5	6 or 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 walls and floors
- New build and refurbishment.
- DTU 52.2 and applicable CPTs.
- Adhesive mortar certification.

### AUTHORISED SUBSTRATES

- Concrete.
- Cement mortar screeds.
- FOR INTERIOR USE (SEE PROCESS SHEETS):**
- Minimum P3 class floor compounds.
- Liquid cement screed(2).
- Single layer cement mortar renders (class CS III and CS IV).
- Plasterboards whether water repellent or not.
- Cellular concrete.
- Old adhesive tiles(3) (bonded or embedded) (1).
- Old adherent(3) and resistant paints.
- Rigid PVC tiles(3).
- Asphalt screed\*.

- Sanded Liquid Sealing System.
- Water protection system.
- Timber panels (CTBH, CTBX)(3).

- (1) Direct bonding without primer possible (rub down in the case of old glazed or polished sandstone).
- (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. Possibility of use in pools and ponds using an epoxy grouting mortar (PRB•JOINT EPOXY).

### PROHIBITED SUBSTRATES

- Do not apply on:**
- Plastic renders, paint.
  - Metal.
  - Directly to plaster blocks and plasterboard.

### ASSOCIATED COATINGS

#### TYPE:

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

- Vitrified, extruded or enamelled stoneware.
  - Terracotta tiles.
  - Terracotta.
  - Faience tiles.
  - Glass paste mosaic.
  - Natural stone (marble, granite...)\*.
- \* Use PRB•COL SPID HP Blanc. Stainability test according to DTU/CPT.

**N.B.:** The weight of the coverings is limited to 40 kg/m<sup>2</sup> on walls.

#### SIZE:

- PRB•COL SPID HP is used to bond large sized coatings:
- Interior walls: up to 2,200 cm<sup>2</sup>.
  - Exterior walls up to: 300 cm<sup>2</sup> (not under DTU, height ≤ 3 m).

- Interior floors: up to 3,600 cm<sup>2</sup>.
  - Exterior floors: up to 3,600 cm<sup>2</sup> (Stoneware 2,200 cm<sup>2</sup>).
- 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 heavy winds.
- Follow the existing expansion joints and partitioning joints.
- Leave space for a boundary joint between the last row of tiles and the vertical walls.
- For exterior use, install on small surfaces to allow complete transfer of the adhesive.

## TECHNICAL CHARACTERISTICS

### COMPOSITION

- Grey or white hydraulic binders.
- Fine mineral fillers.
- Quartz sand.
- Redispersible resin.
- Key coat.
- Specific additives, including fibres and cellulose derivatives.

### PRODUCT

- POWDER:**
- Density: 1.4 ± 0.1 T/m<sup>3</sup>
  - Grading: < 600 µm
  - alkaline pH: 12.5 ± 0.5

### AVERAGE PERFORMANCES IN HARDENED CONDITION:

- Class C2 F as per EN 12004
- Adherence (dry, water, heat, freeze-thaw): ≥ 1.00 MPa

- Adherence to traction after a reduced time: > 0.5 MPa
- Resistance to temperatures: - 30°C + 70°C

### APPLICATION

- Mixing rate: White: 24 to 26 % Grey: 23 to 25 %
- Open time: 15 ± 5 min
- Adjustability time: 10 min
- Pot life: 30 min
- Time before grouting: 2 to 5h

- Resting time: none
- Time before pedestrian access: light traffic 8 to 12 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.
- Traces of plaster, grease, surface laitance, etc. must be eliminated.
- Depending on the substrates, (see opposite) a primer may be essential, if so apply ACCROSOL AG or ACCROSOL PLUS at a rate of 150 to 300 g/m<sup>2</sup> and leave to dry 2 to 4 h before spreading the adhesive mortar.

PRB•COL SPID HP can be used in a continuous 2 to 10 mm thick layer.

### PRODUCT PREPARATION

- Mix PRB•COL SPID HP Grey with 5.75 to 6.25 L of clean water (White with 6 to 6.5 L) per 25 kg bag using a low speed electric mixer until an even lump-free paste at the required consistency is obtained.

### APPLICATION

- Spread PRB•COL SPID HP on the substrate using a trowel or a float, then adjust the thickness using a serrated trowel (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 carried out between 2 and 5 h after the bonding operation.
- 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.
- Read the regulatory labelling on the package.
- Read the safety data sheet before using.