

PRB COLOR SILOFLEX

SEMI-THICK FLEXIBLE FIREPROOFED COVERING

WITH A SILOXANE RESIN ADDITIVE



The PRB COLOR SILOFLEX +

- + Protection and decoration of tiled or micro-cracked facades
- + Smooth finish
- + Slightly satin matt appearance
- + Excellent U.V. resistance.
- + Low soiling due to the droplet effect

NFT 36-005: Family I –

Class 7b2/ DTU 42.1 /

NFT 34-720 / NFP 84-403: D3/A2 (I1)

European classification: $G_3 E_4 S_1 V_1 W_2 A_2 C_1$

Ready-to-use



PACKAGING

- 6 kg and 17 kg plastic tubs.
- 0.432 t pallet, i.e. 72 6 kg tubs.
- 0.408 t pallet, i.e. 24 17 kg tubs.

STORAGE: 12 months.

CONSUMPTION $D_3 A_2 (I_1)$

- **1st solution:**
 - 1 layer of PRB CRÉPIFOND G: 300 g/m²
 - 1 intermediate layer of pure PRB COLOR SILOFLEX: 300 g/m²
 - 1 finishing layer of pure PRB COLOR SILOFLEX: 450 g/m²
- **2nd solution:**
 - 1 layer of PRB COLOR SILOFLEX diluted by 2 to 5 %: 300 g/m²
 - 1 finishing layer of pure PRB COLOR SILOFLEX: 450 g/m²
 - 750 g/m² min. (in 2 applications) for this class D3 A2 (I1) paint

N.B.: These consumptions are given for medium porosities and flat, smooth surface conditions.

COLOUR: PRB and Sun + colour chart colours.



AREA OF USE

USE

- Exterior paint for the maintenance and renovation of rendered, tiled or micro-cracked masonry.
- Ideal for maintaining semi-thick plastic coatings, old waterproof coatings, thick plastic coatings, as well as refreshing the appearance of old EWl systems, thin finish.

AUTHORISED SUBSTRATES

EXTERIOR SUBSTRATES:

- Poured concrete with standard aggregates or lightweight aggregates, whether levelled or not (D.T.U. 23.1).
- Prefabricated concrete or masonry panels, conventional renders (D.T.U. 26.1) or single-coat.

Other substrates covered by the NFP 74-201-1 standard (DTU 59.1)

- Plaster mortar
- Cellular concrete slabs
- Bricks
- Renovation of the appearance of EWl systems with thin render over insulation.

PROHIBITED SUBSTRATES

- Floors
- Metals, timber, plastic materials, glass paste bonded or mortared coverings, ceramics.
- Horizontal surfaces (except for bands, cornices, limited width window sills and the undersides of balconies)

For other substrates, contact the PRB technical department.

APPLICATION CONDITIONS

- PRB COLOR SILOFLEX must not be applied:
 - When the temperature is less than 5°C and higher than 35°C.

- On frozen and/or freezing or thawing masonry.
- On damp masonry or when it is raining or foggy (very damp).
- When there is a hot dry wind (the accelerated evaporation causes too fast drying and can lead to the appearance of joints, shadowing for example).
- The ambient air must not have a relative humidity greater than 80 %, risk of permanent or intermittent blistering on very damp substrates.
- To prevent shadowing, it is recommended to use a single production batch on a same facade, or to finish at natural boundaries.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Co-polymer photoreticulated acrylic resin and siloxane resin.
- Mineral fillers.
- Titanium dioxide.
- Calcium carbon.
- Specific additives.
- Water.

PRODUCT

- Appearance: Ready to use liquid.
- pH: 8.5
- Density at 20° C: 1.40 ± 0.05
- Viscosity at 20° C: 400 ps

- Drying time at 20° C and 65 % relative humidity:
 - Dry to the touch: 6 hours
 - 1st coat can be covered after: 24 hours.

PREPARATION

Substrate preparation

- Substrates must be prepared in compliance with DTU 59.1.
- The substrates must be level, dry, clean, healthy, strong, free of all powdering or traces of release agent.
- Treat substrates contaminated by moss and other green staining using PRB ACTIDÉMOUSSE FLASH (see technical sheet).
- On ferrous materials, do not apply PRB COLOR SILOFLEX paint without having applied a corrosion protection coat after suitable preparation of the substrate.

On old substrates (paint, old renders, etc.):

- Check the state of the coatings to be kept (adherent, clean, not warped, not scaled, not unstuck, etc.)
- Make sure of the compatibility with PRB COLOR SILOFLEX beforehand
- If necessary, first treat using the PRB ACCROFOND I base fixative (see technical sheet).

APPLICATION

PRODUCT PREPARATION:

- Mix the product well at low speed (500 rpm.)

USE:

- All substrates must be treated using the PRB CRÉPIFOND G key coat or PRB COLOR SILOFLEX diluted with 2 to 5 % clean water. PRB COLOR SILOFLEX can be applied by brush or roller.
- For application in 2 coats [Class $A_2 (I_1)$] :
 - First coat of paint diluted with 2 to 5 % maximum clean water
 - Leave to dry for at least 6 hours, depending on weather conditions.

- Second coat of pure paint perpendicular to the first coat. This second coat must be applied when the first coat is dry to the touch.

- **NB:** On substrates covered with organic coatings (DTU 59.1), apply a coat of PRB COLOR SILOFLEX diluted to 2 to 5 % and 1 coat of pure PRB COLOR SILOFLEX.
- PRB COLOR SILOFLEX being ready-to-use, any additives other than water are prohibited and void the manufacturer's guarantee.

N.B.: Tools are to be cleaned in cold water.