

PRB COLOR SILOCRYL

PAINT WITH SILOXANE RESIN ADDITIVE



The PRB SILOCRYL +

- + Facade protection and decoration
- + Matt appearance
- + Excellent permeability to water vapour and excellent resistance to the elements thanks to its water-repellent binder
- + Very good resistance to soiling
- + Excellent ageing resistance

Family I – Class 7b2 (10c)
as per NFT 36-005
European classification:
 $G_3 E_3 S_1 V_1 W_3 A_0 C_0$

Ready-to-use



PACKAGING

- 6 kg and 20 kg plastic tubs.
- 0.432 t pallet, i.e. 72 6 kg tubs.
- 0.480 t pallet, i.e. 24 20 kg tubs.

STORAGE: 12 months.

CONSUMPTION

- 1st coat: PRB COLOR SILOCRYL diluted with 2 to 5 % water: 200 to 250 g/m².
- 2nd coat: PRB COLOR SILOCRYL pure: 200 to 300 g/m².
- PRB ACCROFOND I: 150 g/m².

N.B.: These consumptions are given for medium porosities and a flat and smooth surface condition.

COLOUR: PRB and Sun + colour chart colours.



AREA OF USE

USE

- PRB COLOR SILOCRYL is used on interior and exterior walls, new build and refurbishment.

Aqueous dispersion copolymer and siloxane resin based paint for facade protection and decoration. Its appearance after application and drying is matt.

Advantages and strengths:

- High covering properties.
- Very good resistance to soiling and not very vulnerable to micro-organisms.
- Good resistance to aggressive environments.
- Excellent U.V. resistance.

AUTHORISED SUBSTRATES

EXTERIOR SUBSTRATES:

- Poured and smoothed concretes (D.T.U. 23.1),
- Prefabricated panels, traditional renders (D.T.U. 26.1) or single-coat.
- Insulation system with thin render over insulation.

INTERIOR SUBSTRATES:

- All the exterior substrates indicated above and plaster substrates (tiles, renders).
- Timber panels (CTBH, CTBX).

For other substrates, please contact the PRB technical department.

PROHIBITED SUBSTRATES

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

For other substrates, please contact the PRB technical department.

APPLICATION CONDITIONS

PRB COLOR SILOCRYL 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.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Acrylic copolymers, additive and aqueous phase siloxane resin.
- Mineral fillers,
- Mineral pigments.

- Titanium dioxide.
- Calcium carbon.
- Specific additives.
- Water.

PRODUCT

- Appearance: Ready to use liquid.
- pH: ± 8.15
- Density: 1.50 ± 0.05

- Drying time at 20°C and 65 % relative humidity: 8 h
- Dry to the touch: about 2 h
- 1st coat can be covered after: 8 to 24 hours.
(depending on relative humidity conditions)

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).
- The top edges of vertical surfaces must be protected, as must all surfaces that risk damage (metal surfaces, wood, glass, etc.).
- In the case of large surface areas, to avoid risks of joints appearing, the surface to be rendered must be divided into panels so that the application is made to an entire panel without interruption.

On old substrates (paint, old render...)

- 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 SILOCRYL beforehand

N.B.: The eventual application of PRB ACCROFOND I fixative and the final choice of the paint are the responsibility of the applier, who is the only person who can assess the quality of the substrate and the prior use of a fixative.

N.B.: Leave the treatment coat to dry first.

APPLICATION

PRODUCT PREPARATION:

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

USE:

- PRB COLOR SILOCRYL can be applied by brush or roller.
- First coat of paint diluted with 2 to 5 % clean water
- Leave to dry for 8 to 24 hours, depending on weather conditions. This second coat must be applied when the first coat is dry to the touch.
- Second coat of pure paint perpendicular to the first coat.

- PRB COLOR SILOCRYL 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.