

PRB COLOR LITE HYDRO

MATT FACADE FACE-LIFTING PAINT

BASED ON HYDRO PLIOLITE® RESIN



The PRB COLOR LITE HYDRO +

- + Facade protection and decoration
- + Deep matt appearance
- + Opacifying and filling paint
- + Excellent adherence without a primer on new or old substrates (EBS technology)
- + Very good permeability to water vapour (micro-porous film) and excellent ageing resistance

NFT 36-005: Family I-Class 7 b2
 XP T 34-722: D2
 European classification:
 G₃ E₃ S₁ V₁ W₃ A₀ C₀

Ready-to-use



PACKAGING

- 20 kg plastic tub
- 0.480 t pallet, i.e. 24 20 kg tubs.

STORAGE: 12 months.

CONSUMPTION

- About 200 g/m² per coat depending on the substrate structure.

COLOUR: PRB and Sun + colour chart colours.



AREA OF USE

USE

- For vertical exterior walls.
- Exterior decorative coating.
- DTU 59.1, DTU 22.1, DTU 23.1 DTU 26.1, DTU 20.1 and other applicable DTUs and/or standards.

AUTHORISED SUBSTRATES NEW:

- Healthy, hard, clean, free of moisture, release agents or any other substances that can be detrimental to paint adherence.
- Poured or prefabricated concrete, rough or coated in conventional or single-coat hydraulic binder based render.
- Small element masonry (breeze blocks, brick, cellular concrete, etc.) covered with a conventional or single-coat hydraulic binder based render.

OLD: of the same type and composition as the new substrates listed above, but covered or not with paint or TPC in good condition.

- These painted or unpainted substrates must be healthy, hard, free of moisture, rising damp through capillarity or any other substances that can be detrimental to paint adherence.
- A prior study of these substrates must be made in order to recognise the existing substrate and finish and determine the type of preparatory work, cleaning, decontamination, repair, primer and/or sealing type to be used.
- **Other substrates:** contact the technical department.

APPLICATION CONDITIONS

Compliant with the NF standard DTU 59.1, PRB COLOR LITE HYDRO must not be applied:

- At ambient temperatures and substrate temperatures below 5°C and in excess of 35°C.
- At a humidity level in excess of 80% (rain or fog).
- On damp, frozen, freezing or thawing substrates.
- In hot, dry wind in order to avoid possible marks and repairs.
- To avoid possible colour differences on the same site, it is recommended to use the same product batch and to monitor the shade.

TECHNICAL CHARACTERISTICS

COMPOSITION

- HYDRO PLIOLITE® resin
- Titanium dioxide.

PRODUCT

- Appearance: Fluid.
- Colour: white and coloured (as per colour charts)
- Appearance after application: very matt.

- Density: 1.52 ± 0.05
- Dry extract weight: 65 ± 2 %.
- Dry to the touch at 20°C and 65 % relative humidity: 3 hours.
- Time before covering: 12 hours.

N.B.: These values are laboratory testing values. Implementation conditions, substrate structure and the type and wear of the material used may modify them significantly.

PREPARATION

SUBSTRATE PREPARATION (compliant with and subject to the NF P74201 standard (DTU59.1))

- Treat substrates contaminated by micro-organisms using a product from the PRB ACTIDÉMOUSSE range.
- Scrape, brush and wash substrates using high pressure water.
- Leave levelled concretes and/or renders (see DTU 59.1) to dry before applying the paint.
- High edges must be protected using specific protection systems (cover, cap, etc.)
- For large surface areas, work in panels in order to avoid the risk of traces, panels should be painted entirely without a break.

CONDITIONS TO RESPECT (for substrates covered with an old organic coating).

- Low adherence, scaling paints must be eliminated.
- Polyurethane and epoxy type paints must be systematically removed.
- In certain conditions, it is possible not to remove old organic coatings, only if they are in good condition, not scaling, adherent and not vulnerable to wetting.

NB: The conditions for substrate preparation are not exhaustive, the contractor must prepare the substrate depending on its reception and recognition of the substrate and following applicable standards and DTUs it is subject to.

PRODUCT PREPARATION

- PRB COLOR LITE HYDRO paint is ready to use, the addition of anything other than water is strictly prohibited and will void the manufacturer's guarantee.
- For the 1st coat it can be diluted with up to 5% of water.
- Before use, mix the paint at low speed (500 rpm) using a paint mixer.
- PRB COLOR LITE HYDRO can be applied using a brush or a special facade roller, a meshed roller, an Airless pistol (plan to dilute by 3 to 5 %).

N.B.: Tools are to be cleaned immediately in clean water.

- PRB ACCROFOND I or PRB PRIMFIX: the eventual application of a base fixative is the responsibility of the applier, who is the only person who can assess the quality of the substrate and the use of a base fixative or not.