

PRB CRÉPIFOND MINÉRAL G

MINERAL KEY COAT



The + PRB CRÉPIFOND MINÉRAL G

- + Silicate resin based paint
- + Deep matt appearance
- + Good permeability
- + Ideal for new masonry
- + Ready-to-use

Family I – Class 1b1 as per NFT 36-005 / DTU 59.1 / NF T 30-804 / NFT 30-808 / NFP 84-403: D2

European classification:

G₃ E₃ S₂ V₁ W₂ A₀ C₀

PACKAGING

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

STORAGE: 24 months.

CONSUMPTION

– About 300 g/m² per coat for medium porosity substrates.

COLOUR: PRB colour chart colours.



AREA OF USE

USE

- PRB CRÉPIFOND MINÉRAL G is used on interior and exterior walls, for new build and refurbishment.

PRB CRÉPIFOND MINÉRAL G is a mineral, pigmented, opacifying key coat, an absorption regulator for TMC, PRB CRÉPIXATE (PRB CRÉPOXANE). But also a key coat prior to painting PRB COLOR MINÉRAL PLUS.

PROPERTIES

PRB CRÉPIFOND MINÉRAL G has many qualities thanks to its composition:

- Excellent water vapour permeability that gives masonry excellent breathability,
- Formation on the surface of a hard, insoluble structure that is perfectly attached to the substrate,
- Very good opacifying power,
- Incombustible.

AUTHORISED SUBSTRATES

New or existing exterior vertical walls composed of the following materials:

- Concrete or masonry elements, hydraulic binder mortar renders,
- Existing silicate paints that have kept proper adherence,
- Other substrates: contact the technical department.

PROHIBITED SUBSTRATES

- Floors,
- Horizontal surfaces (except for bands, cornices, limited width window sills and the undersides of balconies),
- Metal,
- Embedded or bonded coatings on small glass paste or ceramic tiling based elements,
- Gypsum,
- Wood,
- Plastic materials,
- Old organic paints.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Liquid potassium silicate.
- Acrylic copolymer in dispersion < 5 %
- Titanium dioxide
- Mineral fillers
- Specific additives
- Water

PRODUCT

- Appearance: ready to use liquid.
- Density at 20°C: 1.7 ± 0.05

APPLICATION

PREPARATORY WORK

ON NEW SUBSTRATES:

- Preparatory work consisting in actions such as: graining, brushing, dust removal...

ON OLD SUBSTRATES (specialised contractors):

- Eliminate rising damp caused by capillarity.
- Eliminate non-adhering and flaking products.
- Eliminate products incompatible with PRB CRÉPIFOND MINÉRAL G.
- Eliminate film producing products, such as organic sealing and waterproofing products (DTU 42.1).
- The substrate must be clean: eliminate soiling, blooming, cryptograms...
- Consolidate existing materials that have lost part of their surface cohesion (powdering paint, brittle hydraulic render...).

PRIMING WORK

- Fill concrete holes using a suitable levelling product.
- When the bases are powdery on the surface, glazed or vulnerable to water, use base fixative PRB ACCROFOND I.
- On the joints between plasterboards, application of a coat of PRB ACCROFOND I and 2 coats of PRB CRÉPIFOND MINÉRAL G perpendicular to each other on the entire surface of the plasterboards.
- For substrates that do not require base preparation as above, direct application of PRB CRÉPIFOND MINÉRAL G.

N.B.: In the case of surface levelling on substrates (concrete, scratched single-coat renders, levelling, etc.):

- Using a hydraulic binder based product, leave to dry for the regulatory time defined by DTU 59.1 before applying the key coat.
- Using an organic binder based product, application is only authorised once the substrate contains less than 5 % moisture.

APPLICATION

- PRB CRÉPIFOND MINÉRAL G being ready to use, the addition of anything other than water is prohibited and voids the manufacturer warranty.
- PRB CRÉPIFOND MINÉRAL G can be diluted with max 10 % of water depending on the porosity of the substrate.
- Before use, mix well mechanically at low speed in order to obtain a consistent and smooth mix.
- PRB CRÉPIFOND MINÉRAL G can be applied using a brush, a roller or a high pressure paint gun.

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

- Drying time: from 2 to 6 h, depending on atmospheric conditions and the type of substrate.