

PRB CRÉPOXANE

F & M

SILOXANE RESIN-BASED FIREPROOFED ORGANIC COATING



The **+**s of PRB CRÉPOXANE F & M

- +** Protect and decorate exterior walls
- +** Extra mat finish
- +** Good water vapour permeability
- +** Pearly effect, resistant to dirt and grime
- +** Fine to medium grain size

PACKAGING

– 25 kg plastic tub.

STORAGE LIFE: 24 months.

CONSUMPTION/USE

- **PRB CRÉPOXANE F**
Floated finish: 2.1 to 2.5 kg/m².
- **PRB CRÉPOXANE M**
Floated finish: 2.2 to 3.5 kg/m².

COLOUR: Shades from the PRB and Sun+ colour charts.



French Standard T 36-005: Category II - Class 2b (10C)

French DTU 59-1

NF EN 1062-1 (French Standard T 34-722): A0 (D3)

NF EN 1062-1: G₃E₅S₃V₁W₃A₀C₀



APPLICATIONS

USES

- PRB CRÉPOXANE can be used as a finishing coat for both renovation work and new builds.
- PRB ETI finishing coat.
- For use and installation instructions, please refer to the rules of the French DTU Standard 59.1.

SUITABLE SUBSTRATES

- **Outdoor surfaces:**
Cast-in-place and levelled concrete (D.T.U. 23.1), precast panels, traditional render (D.T.U. 26.1) or single-layer render.
- **Indoor surfaces:**
All the above-mentioned outdoor surfaces as well as gypsum-based surfaces (tiles, plaster, etc.).
Wooden panels (chipboard or plywood).

UNSUITABLE SUBSTRATES

- Old waterproof coatings.
- Surfaces exposed to rising damp by capillary action (e.g. baseboards and plinths).
- Horizontal or sloping surfaces (<45%) exposed to rain (windowsills, balconies, etc.).
- Metal.

APPLICATION CONDITIONS

According to the NF DTU 59.1 standard, PRB CRÉPOXANE must not be applied:

- If the ambient and substrate temperatures are below 5°C and above 35°C,
- If the humidity level is higher than 80% (in rain or fog),
- To damp, frozen, freezing or thawing substrates,
- In warm, dry winds to avoid possible traces of rework

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Acrylic copolymers, siloxane resin & water-based additives.
- Mineral fillers.
- Contains an encapsulated film protecting agent.
- Specific additives.
- Mineral substrates.

PRODUCT

- Density: 1.9 ± 0.05.
- pH: 8.5.

- Grain size:
PRB CRÉPOXANE F ≤ 1 mm.
- Grain size:
PRB CRÉPOXANE M ≤ 1.5 mm.
- Dry extract: 84 ± 2%.

UTILISATION

PREPARING THE SURFACE

- PRB CRÉPOXANE must be applied to flat, dry, clean, sound and solid substrates, free of any dust or traces of formwork removal oil.
- For non-waterproof exterior substrates such as rough masonry (bricks, breezeblocks, etc.): apply a single-layer undercoat or an undercoat from the PRB TRADITIONNEL/TRADI range. Allow to dry for at least 1 month before applying PRB CRÉPIFORM MINÉRAL G, PRB CRÉPIFORM G or PRB CRÉPOXANE.
- For levelled concrete, allow the coating to dry for at least 1 month before applying PRB CRÉPIFORM MINÉRAL G, PRB CRÉPIFORM G or PRB CRÉPOXANE.
- The upper edges of vertical surfaces must be protected.
- For large surfaces, to avoid the risk of reworking, the surface to be coated should be divided into smaller sections so that the entire surface can be coated without any gaps.

PREPARATION

- All substrates must be treated with the regulating primers PRB CRÉPIFORM G or PRB CRÉPIFORM G in the same colour as the finish. PRB CRÉPIFORM MINÉRAL G average consumption: 250 to 300 g/m² depending on the porosity and texture of the substrate.
- For absorbent or chalky substrates: Pre-treat with the PRB CRÉPIFORM S primer using 150 to 200 g/m².

APPLICATION

- PRB CRÉPOXANE M is ready to use.
- Mix well before use using a mixer set to low speed.
- Depending on the weather conditions (heat, wind), up to 2% water can be added to improve workability.
- Apply with a stainless steel smoothing trowel.

NB: Tools should be cleaned with cold water.

FINISH

The finish depends on the tool used:

- Smooth finish: plastic smoothing trowel.
- rolled finish: foam roller.
- Roughcast finish: this is achieved by applying PRB CRÉPOXANE with a rolled finish- wait for it to start curing (the product should still be wet but not sticky), so that the bumps from the roller can be flattened by moving the smoothing trowel from top to bottom.

Please note:

To avoid shading, we recommend using a single manufacturing batch (with the same use-by date) for the same facade or finishing at natural stops/edges.