

PRB CRÉPOXANE F or M

SILOXANE BASED FIREPROOFED TEXTURED THIN COATING

Benefits of the PRB CRÉPOXANE F or M



- + High performance facade protection and decoration
- + Very matt finish
- + Good permeability to water vapour
- + Surface droplet effect, low soiling
- + Fine (1.0 mm) or medium (1.5 mm) grading



KEY PRODUCT INFORMATION

- 8 kg and 25 kg recycled plastic tubs.
- 0.576 t euro pallet, i.e. 72no 8 kg tubs.
- 0.600 t euro pallet, i.e. 24no 25 kg tubs.

CONSUMPTION

Use the **PRB CRÉPIFOND F or G** primer coat first: Approx. 300 g/m².

Finish:

PRB CRÉPOXANE F – FLOATED: Approx 10 – 12 m² per 25kg tub based upon 2.1 – 2.5 kg/m²

PRB CRÉPOXANE M – FLOATED: Approx 9 – 11 m² per 25kg tub based upon 2.2 – 3.5 kg/m²

PRB CRÉPOXANE F – SPRAYED: Approx 12 – 14 m² per 25kg tub based upon 1.8 – 2.2 kg/m²

PRB CRÉPOXANE M – SPRAYED: Approx 11 – 13 m² per 25kg tub based upon 1.9 – 2.3 kg/m²

COLOUR: PRB Harmony colour chart colours.

STORAGE: 24 months – Store inside in cool, frost free and dry conditions. Avoid extreme temperatures, storing in direct sunlight or in site storage containers where the material can be affected by heat build up or cold. Warm material will be difficult to apply and is likely to cure before works can be completed. This can become more exacerbated if applied to a wall heated by the sun.

EN 1062-1
European Classification:
G₃ E₅ S₃ V₁ W₃ A₀ C₁



USAGE GUIDE

WHERE TO USE?

- **PRB CRÉPOXANE** is a ready to use pre-coloured and textured decorative finish to a suitably prepared finish. It is a high performance siloxane based coating which is designed for the protection and decoration exterior walls.
- As a finishing render on PRB EWI and render board systems.
- For instructions for use and installation, refer to the ETA certification or contact PRB for a specification.

AUTHORISED SUBSTRATES:

Exterior substrates:

- ✓ Poured and smoothed concretes, prefabricated panels, traditional and single-coat renders, PRB approved EWI systems.

Interior substrates:

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

For other substrates, please contact the PRB technical department.

PROHIBITED SUBSTRATES

- ✗ Old waterproofing coatings.
- ✗ Substrates exposed to rising damp, e.g. basements, below DPC.
- ✗ Horizontal surfaces or sloping surfaces less than 45° that are exposed to rain, e.g. window sills, balconies etc.
- ✗ On flooring, metal and plastic surfaces etc.

APPLICATION CONDITIONS

PRB CRÉPOXANE must not be applied:

- When the temperature is less than 5°C or higher than 30°C.
- At a humidity level in excess of 80% (rain or fog) or when it is damp – Wash off is likely to occur.
- When there is a hot dry wind (the accelerated evaporation causes fast drying out and can lead to the appearance of joints, shadow lines etc.
- Do not apply if there is a possibility of rainfall before curing, as wash off could occur.
- On damp substrates as permanent or intermittent surface blistering can occur – (this can appear after initial drying or after rainfall).
- Ensure an elevation is covered in a single application to avoid joint marks. Work using fresh on fresh product.
- Caution must be given when dealing with darker colours because these are more vulnerable to marks showing during finishing and can be affected by wet or damp conditions therefore good application procedures and techniques should be observed.
- For large areas it is recommended to use a spray applicator for ease of application.

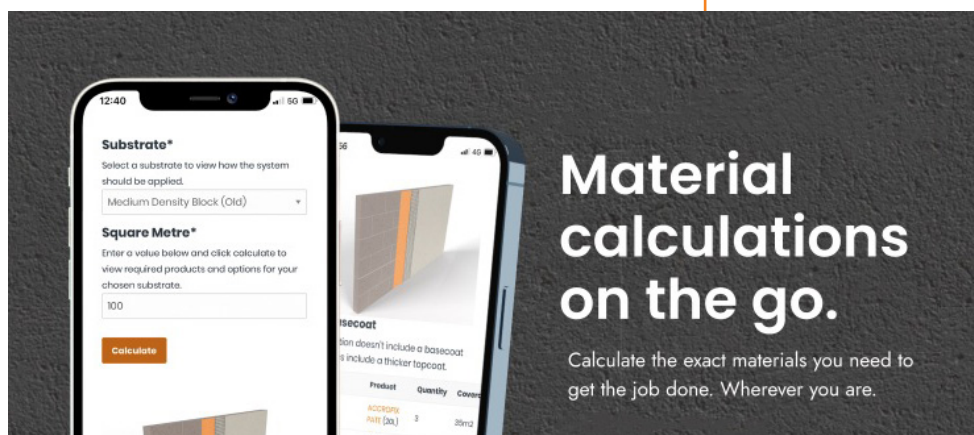
TECHNICAL

COMPOSITION

- Polymers including aqueous phase siloxane resin.
- Mineral fillers.
- Specific additives.
- Mineral pigments.

PRODUCT CHARACTERISTICS

- Density: 1.9 ± 0.05
- pH: 8.5
- Grain size: **PRB CRÉPOXANE F** – 1 mm
- Grain size: **PRB CRÉPOXANE M** – 1.5 mm



SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



APPLICATION

1. SUBSTRATE PREPARATION

- All applications of **PRB CRÉPOXANE F** or **M** must be on flat, level, dry, (the moisture content should be 12 – 14% – Test with a moisture meter), clean, stable, dust and contaminant free substrates,
- For exterior substrates that do not have their own waterproofing such as uncoated masonry e.g. bricks, concrete blocks, etc. apply a suitable basecoat render e.g.: **PRB CLASSIC TAL**, **PRB SC GRIS**, **PRB TRADITIONNEL 160** or **PRB TRADICLAIR 170/190**. Leave the render or concrete to dry for at least 1 month.
- Once fully dry, apply the **PRB CRÉPIFOND G** primer coat before applying the **PRB CRÉPOXANE F** or **M**.
- In the case of large surface areas, to avoid risks of joints appearing, the surface to be painted must be covered in a single application or where possible stopped at a break line in the facade e.g. cornice, corner return, etc.
- If in doubt, contact the PRB Technical Department.

2. PREPARATORY WORKS

- All substrates must be treated using the primer coat **PRB CRÉPIFOND F** or **G** or **PRB CRÉPIFOND MINÉRAL G**.
- Average consumption for **CRÉPIFOND F** or **G** or **PRB CRÉPIFOND MINÉRAL G**: 250 to 300 g/m² depending on the porosity and type of substrate.

3. APPLICATION

- **PRB CRÉPOXANE** is ready to use.
- Mix the contents thoroughly using a low speed paddle mixer before applying.
- In hot or windy weather, the addition of a maximum of ½ litre (500ml) of clean water can be added to improve the product open time and workability but apply to all tubs being used on the same facade.

4. FINISHING

PRB CRÉPOXANE F or **M** can be applied:

- **Floated finish:** Using a stainless steel or plastic float, roll the surface aggregate in circular motion to create an even appearance. Do not use a left handed and a right handed operative on the same facade as a difference in appearance will be seen.
- **Sprayed finish:** Using a spray hopper or a top coat spray machine, check the spray setting is correct first by conducting a trial on a scrap piece of material, then keeping the gun perpendicular (90 degree) to the surface, apply in an equal circular style motion, avoiding heavy overlaps, spray an even coating to create a consistent and even colour and finish.
- **Smoothed finish:** After application of the float or sprayed finish wait for polymerisation to start (product still wet but not tacky) then flatten the peaks using a stainless steel or plastic float working vertically from top to bottom. (This is not a float smooth finish).
- **Rolled finish:** Honeycombed foam roller.

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

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

HEALTH & SAFETY

- Not harmful during normal use but check for any allergic reactions. Wear suitable protective clothing, gloves and eye/face protection.
- Generally considered non hazardous.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical help. After contact with skin, wash immediately with plenty of soap and water.
- Keep out of the reach of children.
- For further information, please read the Material Safety Data Sheet for this product.

Technical sheet – June 2026

The only purpose of this technical data sheet is to inform customers about the product and its specific uses. The information it contains is based on current knowledge and experience. The end user must carry out a representative test to ensure the product is suitable for their specific application and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Our general terms and conditions of sale shall prevail, and the end user should check to ensure this document has not been replaced by a more updated version.

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