

PRB CRÉPIXATE M

POTASSIUM SILICATE TEXTURED MINERAL COATING

Benefits of the PRB CRÉPIXATE M



- + Protects and decorates exterior walls
- + Extra matt finish
- + High permeability, suitable for Heritage and lime applications
- + 1.5 mm grading
- + Highly breathable, durable, robust and long-lasting finish that forms a permanent bond to the substrate



KEY PRODUCT INFORMATION

- 25 kg recycled plastic tub
- 0.480 t pallet, i.e. 24no 25 kg tubs.

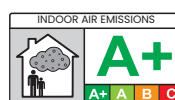
CONSUMPTION/USE

Float finish: Approx. 8 m² per 25kg tub based upon 3.0 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.

European classification
EN 1062-1: G₃ E₅ S₁ V₁ W₃ A₀ C₀



USAGE GUIDE

WHERE TO USE?

- **PRB CRÉPIXATE M** can be used as a finishing coat for both renovation, heritage work and new builds.
- Finishing coat for PRB external wall insulation systems.

SUITABLE SUBSTRATES

Outdoor surfaces:

- ✓ Lime mortar substrates, lime renders, traditional cement and lime renders or well bonded and flat render in good condition, cast-in-situ and levelled concrete, pre-cast concrete panels, or any suitable smooth and level mineral substrate that provides suitable weatherproofing.

FOR ALL OTHER SUBSTRATES, PLEASE CONTACT THE PRB TECHNICAL DEPARTMENT.

PROHIBITED SUBSTRATES

- ✗ All organic coatings.
- ✗ Surfaces exposed to rising damp caused by moisture ingress (e.g. basements).
- ✗ Horizontal or sloping surfaces (<45%) exposed to rain (windowsills, tops of walls, etc.).

APPLICATION CONDITIONS

PRB CRÉPIXATE M 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 frozen, thawing, 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. For large areas it is recommended to use a spray applicator for ease of application.

Due to the sensitivity of silicate-based mineral coatings, it is advisable to take the precautions recommended for this type of coating with regard to environmental conditions (humidity, exposure to sunlight, risk of rain or surface condensation) in order to avoid any aesthetic defects, such as shadowing caused by scaffolding, bleaching, carbonation, dripping, etc. The most effective precautions are to completely cover the scaffolding with a tarpaulin, netting or similar until the product has fully cured.

TECHNICAL

COMPOSITION

- Potassium silicate.
- Acrylic copolymers (<5%).
- Mineral fillers containing natural marble aggregates, which may cause occasional black specks to appear after drying.
- Encapsulated film protecting agent.
- Specific additives.
- Water.

PRODUCT CHARACTERISTICS

- Density: 1.7 ± 0.05 .
- pH: 11.5 ± 0.5 .
- Dry extract: $80 \pm 2\%$.
- Grain size: ~ 1.5 mm.

PREPARATION

1. SUBSTRATE PREPARATION

- **PRB CRÉPIXATE M** 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 bare masonry (bricks, blocks, etc.): Apply a render basecoat using **PRB BELLE ÉPOQUE FINITION**, **PRB SC GRIS**, **PRB CLASSIC TAL**, **PRB TRADITIONNEL 160** or **PRB TRADICLAIR 170**. Leave to fully dry for a minimum of 7 - 10 days, depending on weather conditions, before applying the regulating primer **PRB CRÉPIFOND MINÉRAL G**.
- The upper edges of vertical surfaces must be protected using a coping or other suitable protection.
- 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.

2. PREPARATION

- **All substrates must be treated with the PRB CRÉPIFOND MINÉRAL G** regulating primer, in the same colour as the finish. Average consumption of **PRB CRÉPIFOND MINÉRAL G**: 200 to 300 g/ m² depending on the porosity and texture of the substrate.
- **For absorbent or chalky substrates:** Pre-treat with **PRB CRÉPIFOND S** fixative primer at a rate of 150 to 200 g/m².

3. APPLICATION

- **PRB CRÉPIXATE M** is ready to use. Do not mix with anything other than clean water, and only in small quantities (maximum 100ml) to improve the product open time and workability but apply to all tubs being used on the same facade, otherwise this will invalidate the manufacturer's guarantee.
- Mix the contents thoroughly using a low speed paddle mixer before applying.

Manual Application:

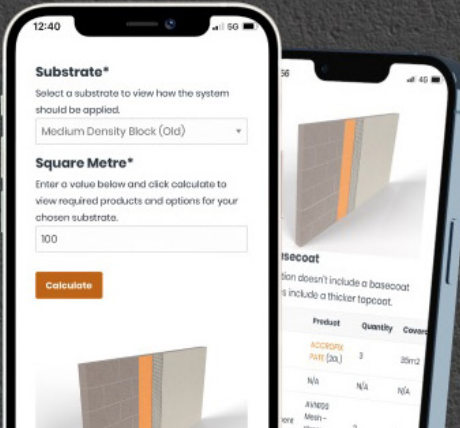
PRB CRÉPIXATE M is applied with a stainless-steel float in a uniform thickness equal to the grain size.

Mechanical Application:

PRB CRÉPIXATE M is applied with a spray hopper or a top coat spray machine in a consistent and even manner to create a uniformed appearance. The appearance will differ to the manual application with this technique.

NB: Tools should be cleaned with cold water.

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



Material calculations on the go.

Calculate the exact materials you need to get the job done. Wherever you are.

PREPARATION

4. FINISH

Floated finish:

Using a stainless steel or plastic float, roll the surface aggregate in a 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. **Please be aware** that due to the nature of the product, do not over work the surface floating of the product to avoid creating flat spots in the finish. If this occurs remove whilst still wet and reapply.

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.

Colour consistency

The evenness and consistency of the colours will be affected by the climatic conditions in which they are applied (temperature, humidity, wind, sunlight). Since this product sets by both water evaporation (drying) and chemical reaction (silicification), shading may occur if the application conditions are not identical. Similarly, surface shadowing can be created by scaffolding platforms and poles when the sun is shining, due to the difference in drying between the area exposed to the sun and the area in the shade. This phenomenon is more noticeable with darker shades.

To avoid this natural phenomenon, we recommend that scaffolding be covered with a tarpaulin or netting

to reduce the amount of solar energy absorbed and to ensure uniform setting and drying conditions.

This product takes longer to dry and set in cold and wet weather, and the facade must be protected from rainwater and dew to prevent dripping and efflorescence. We also recommend the use of a tarpaulin to avoid these aesthetic problems, especially when applied over external wall insulation, which is more prone to surface condensation. It is also important to provide overhead protection to protect the structure from rainwater.

Therefore, PRB cannot guarantee colour consistency, which depends on the drying process and chemical reactions, the main factors of which are described above. To avoid shading, we recommend using a single batch (with the same use-by date) for the same facade or finishing at natural stops/edges.

HEALTH AND 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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