

PRB PRIMCHAUX PE

LIME PRIMER SPECIFICALLY DESIGNED FOR LIME RENDER SYSTEMS

Benefits of the PRB PRIMCHAUX PE



- + Controls and balances the absorption capacity of porous substrates
- + Provides good adhesion between the substrate and the finishing render
- + Designed for lime substrates and heritage applications but suitable for all masonry substrates
- + Easy to use. Applied using a roller or brush



KEY PRODUCT INFORMATION

- 12 kg recycled plastic tub.

CONSUMPTION

Approximate consumption when undiluted:

0.1 to 0.3 kg/m² or 40 - 120 m² per 12kg tub.

NB: Due to the nature of lime mortar construction, application method and dilution, the consumption rate is for guidance only. An absorbent or uneven substrate could heavily reduce the coverage indicated. If unsure we suggest you conduct a trial first.

COLOUR: White.

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.

USAGE GUIDE

WHERE TO USE?

- Controls and evens out the porosity of new or old masonry substrates before the application of the PRB lime render systems though it is suitable for other render systems..
- Used as a primer before applying **PRB BADIRÉNO PE** limewash.
- **PRB PRIMCHAUX PE** and **PRB BADIRÉNO PE** form a lime-based coating for protecting and decorating facades, plaster and lime-based mortars, bricks and stonework.

The lime contained in **PRB PRIMCHAUX PE** may cause bleaching when exposed to moisture. The final appearance varies depending on the application conditions.

SUITABLE SUBSTRATES

- ✓ Lime rendering mortars.
- ✓ Limestone.
- ✓ Brick.
- ✓ Compatible porous substrates.
- ✓ New or old traditional plaster.
- ✓ Plasterboard.
- ✓ Plaster.
- ✓ Masonry substrates.

PROHIBITED SUBSTRATES

Do not apply to:

- ✗ Waterproof or non-absorbent surfaces.
- ✗ Horizontal surfaces (except for string bands, cornices, limited width window sills etc. and the undersides of balconies).
- ✗ For all other surfaces, please contact the PRB Technical Department.

APPLICATION CONDITIONS

PRB PRIMCHAUX PE must not be applied:

- When the temperature is less than 5°C or higher than 30°C.
- On frozen and / or thawing substrates.
- 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 this can affect the bond strength to the substrate.
- Do not apply if there is a possibility of rainfall before curing, as wash off could occur.
- On wet substrates the curing times will be extended.
- Failure to comply with these requirements will result in a change in appearance and may affect the drying time.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Air-slaked lime.
- Mineral fillers.
- Specific additives.
- Water.
- Organic additives <5%.

PRODUCT

- Appearance in the tub: thick, smooth liquid.
- Density: 1.4 ± 0.05 .
- Dry extract: By weight: 57 % $\pm$ 2.
- VOC: EU limit value for this product (cat. A/a): 30 g/L (2010).

This product contains a maximum of 5 g/L VOC.

- Surface appearance: Varying degrees of shading, depending on the application method.
- Drying/curing: 20°– 50% RH.
Tack free time: 2 hours.
- Can be covered after: 4 to 48 hours, depending on how quick it dries.
- The drying out process of old building is slow and can take several weeks. During this time, **PRB PRIMCHAUX PE** remains sensitive to water and must be covered with a finish within 48 hours.

APPLICATION

1. SUBSTRATE PREPARATION

For new substrates:

- Substrates must be dry, clean, free of dust and contaminants, stable, with all surface defects repaired beforehand.
- Adjacent surfaces must be protected from splashes or potential damage, e.g. metal surfaces, wood, glass, etc.
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For old substrates:

- Treat rising damp first.
- Remove non-adherent, loose or flaking products or surfaces.
- Remove any products that are not compatible with **PRB PRIMCHAUX PE**.
- The substrate must be clean: Remove dirt, efflorescence, mould, algae, etc.
- Treat any existing substrates that have lost some of their surface adhesion (flaking brick or stone surfaces etc.).
- Depending on the atmospheric conditions, we recommend spraying the surface with water before

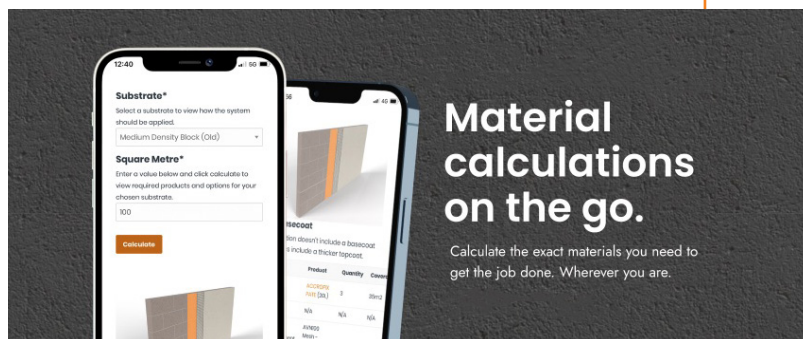
2. APPLICATION

- **Application materials:** Square, long bristle brush (Liming brush), spalter brush, natural sponge, roller, etc.
- **PRB PRIMCHAUX PE** is ready to use.
- Do not mix with anything other than water, as this will invalidate the manufacturer's guarantee.
- Depending on the porosity of the substrate, **PRB PRIMCHAUX PE** can be diluted with water – up to a maximum of 10%.
- Mix slowly by hand, or with a paddle mixer at low speed, until you obtain a smooth and even mixture..

NB: Clean tools with clean water.

HEALTH AND SAFETY

- Contains lime.
- May produce an allergic reaction. Harmful if inhaled, irritating to eyes and skin. Wear suitable protective clothing, gloves and eye/face protection.
- 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 – August 2025

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



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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