

# PRB PRIMCHAUX PE



PRIMER AND REGULATOR FOR WATER-BASED AIR-SLAKED LIME COATING

## The **+**'s of PRB PRIMCHAUX PE

- +** Highly adhesive, regulates and fixes porous substrates
- +** For a hard-wearing finish
- +** Suitable for mineral substrates / old buildings
- +** Recommended with the PRB BADIRÉNO PE finish from the HISTORIA range
- +** Suitable for wine-growing environments (Excell green zone)

### PACKAGING

– 12 kg plastic tub.

**STORAGE LIFE:** 24 months.

### CONSUMPTION/USE

Approximate consumption when undiluted: 0.1 to 0.3 kg/m<sup>2</sup>.

**NB:** This will vary depending the porosity of the surface, the application method, the amount of dilution and the materials used.

**COLOUR:** White.



French Standard T 36-005:  
Category I - Class 1c



## APPLICATIONS

### USES

- Limits and balances the porosity of new or old mineral substrates before applying PRB BADIRÉNO PE
- PRB PRIMCHAUX PE and PRB BADIRÉNO PE form a lime-based coating for protecting and decorating facades, plaster and lime-based mortars, bricks and stones...

### SUITABLE SUBSTRATES

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

### UNSUITABLE SUBSTRATES

- Do not apply to:**
- Waterproof or non-absorbent surfaces
  - Horizontal or sloping surfaces
  - For all other surfaces, please contact the PRB Technical Department

### APPLICATION CONDITIONS

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

- If the ambient and substrate temperatures are below 8°C and above 30°C.
- If the humidity level is higher than 70%.
- Do not apply when it is about to rain.
- Do not apply in hot, dry winds.
- Failure to comply with these requirements will result in a change in appearance and affect the drying time.

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

## 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 % ± 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 the desired effect.

- The carbonation drying process of the lime 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.

## UTILISATION

### PREPARING THE SUBSTRATE

- Substrates in accordance with the French DTU Standards 59.1, 26.1 and 23.1.

#### For new substrates:

- Prepare the surface by cleaning, brushing, removing dust, etc.

#### For old substrates:

- Treat rising damp caused by capillary action.
- Remove non-adherent, flaking products.
- Remove any products that are not compatible with PRB BADIRÉNO PE.
- The substrate must be clean: remove dirt, efflorescence, mould, etc.
- Treat any existing materials that have lost some of their surface adhesion (brittle cement render, etc.).

### PREPARATION

- To ensure a high quality finish, the substrate must be well prepared.
- Depending on the atmospheric conditions, we recommend spraying the surface with water.

### APPLICATION

- **Application materials:**  
Square bristle brush with long bristles (Liming brush), spalter brush, natural sponge, 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 mixer at low speed, until you obtain a smooth and even mixture.
- Protective equipment: we recommend wearing safety glasses, or goggles, and gloves.

**NB:** Clean tools with clean water.