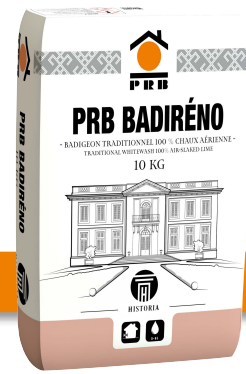


# PRB BADIRÉNO



TRADITIONAL WHITEWASH 100% AIR-SLAKED LIME

## The **+**s of PRB BADIRÉNO

- +** Thin mineral finish with material effects (between transparency and opacity depending on dosage)
- +** Provides a matt finish and adds depth to the colours of traditional whitewashes
- +** 100% air-slaked lime, lets the walls breathe, ideal for old buildings
- +** Suitable for the wine-growing environment (Excell green zone)
- +** Two using methods: "a fresco" / "a secco".



### PACKAGING

– Paper bag containing 10kg.

**STORAGE LIFE:** 12 months.

### CONSUMPTION/USE

- 0.4 to 0.8 kg/m<sup>2</sup> when used as a whitewash in 2 or 3 coats with a brush, depending on the dilution.

- 0.8 to 1.2 kg/m<sup>2</sup> when applied as a thick, smooth coating in 2 layers.

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

**COLOUR:** White. Customisable color using pigments PRB PIGMENT SYSTEME COLOR



## APPLICATIONS

### USES

- For thin, decorative lime finishes.
- Exterior and interior walls.

### REFERENCE DOCUMENTS

- French DTU 26.1.
- Information sheets for old monuments.
- French FDT 30-808.
- NF EN 459-1 standard.

### SUITABLE SUBSTRATES

- The substrates must meet the requirements of the applicable French DTU Standard:
  - Unpainted cement or lime-based plaster.
  - Gypsum lime mortar.
  - Natural, porous stone, such as limestone or tuffeau.
  - Clay facing bricks.
  - Unfired clay bricks (earth bricks).
- For all other substrates, please contact the PRB technical department.

### UNSUITABLE SUBSTRATES

- Organic paints & thick paint coatings.
- Non-absorbent substrates.
- Crumbling surfaces.
- Horizontal or sloping surfaces.

### APPLICATION CONDITIONS

- Between 5°C and 30°C.
- Do not apply to frozen, thawing, or hot surfaces. Do not apply to surfaces when exposed to direct sunlight
- Do not apply in high humidity or rain.

- Protect the facades from the elements (rain, fog, snow, etc.) for at least 72 hours before applying to avoid the risk of running and distemper.
- Do not apply:
  - if there is a risk of frost in the next 7 days,
  - in strong winds,
  - strong colours below + 8°C (risk of white efflorescence and/or significant discolouration).

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

- Natural lime - known as slaked or air-slaked lime.
- Mineral fillers and specific additives.
- CEMENT-FREE PRODUCT.

### PRODUCT

- Grain size: 0.4 mm.

### PRECAUTIONS FOR USE

- Contains lime.
- Please read the packaging safety label and safety data sheet before use.

### USE

- Mixing ratio: 60 to 90%.
- Mix in 2 stages - as described in the in the utilisation section below.
- Manipulation time (pot life of the mix): 24 hrs.
- Mix frequently to avoid separation.
- Maximum application thickness: 1.5 to 2 mm.
- Time between coats: 12 to 24 hrs depending on the ambient conditions.
- Optimal resistance: requires several weeks to several months (carbonation drying process).

- It is important to maintain the same pigment dosage, mixing ratio, mixing time and speed for the entire application in order to keep the appearance and colour of PRB BADIRÉNO as consistent as possible.
- However, whitewashes are generally applied randomly; lighter or darker shades and shading effects are an integral part of the application process, depending on the desired finish.

## UTILISATION

### PREPARING THE SUBSTRATE

- PRB BADIRÉNO can be applied to solid, absorbent, clean and dust-free surfaces.
- For highly absorbent/porous substrates, or when applying in hot weather or dry winds, the substrate should be wetted the day before application and again before application if necessary, ensuring that the substrate is completely dry before application.
- You can apply a coat of PRB CRÉPIFOND MINÉRAL G or PRB PRIMCHAUX PE to limit and balance the porosity of the substrate (Leave to dry for at least 6 hrs).
- For lime or gypsum mortar substrates, you will need to apply a primer: PRB CRÉPIFOND MINÉRAL G or PRB PRIMCHAUX PE.

### PREPARING THE PRODUCT

- **STEP 1a (if adding pigment)**
  - Carry out a few trial runs beforehand to obtain the desired shade.
  - Add the necessary amount of pigment to the mixing water and disperse it with a mixer, then add the whitewash powder until it forms a smooth paste.
- **STEP 1b (without pigment)**
  - Add 5 to 6 litres of water per bag and mix for 2 minutes until it forms a smooth, even paste.
- **STEP 2**
  - Leave to rest for at least 15 minutes - we recommend leaving it for 1 to 2 hours to ensure that the whitewash is completely saturated.

### STEP 3

- Add 1 to 3 litres of water- depending on the desired consistency and transparency - and mix for 2 minutes.

### APPLICATION

- PRB BADIRÉNO can be applied "a fresco" (4 to 24 hrs after plastering/rendering) or "a secco" (when the plaster/render is completely dry).

### FINISHING

- Before finishing, apply a highly diluted coat to nourish the surface.
- **Smooth finish**
  - Apply in 2 layers (at a thickness of 1 to 2 mm) using a stainless steel smoothing trowel.
- **Brushed finish**
  - Using a special whitewash brush, apply a first coat over the entire surface, then a second coat (and a third if necessary), varying the brush strokes to achieve the desired finish.
- **Sponge finish**
  - Apply a brushed finish (as described above) and, while the last coat is drying, rub it down gently with a damp sponge.