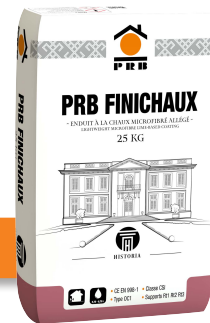


PRB FINICHAUX GF/GM

MEDIUM- / FINE-GRAIN LIGHTWEIGHT MICROFIBRE LIME-BASED COATING



The +s of PRB FINICHAUX GF/GM

- + Waterproofing and decorating exterior walls suitable for all substrates (Rt1/Rt2/Rt3)
- + All types of finish (scraped, rustic, roughcast sponge float finish, etc.)
- + Microfibre with high lime content, lets the walls breathe, ideal for old buildings
- + Low modulus of elasticity, very flexible coating
- + Suitable for winemaking environments (Excell +)



EN 998-1 Type OC1
CS category I



PACKAGING

– Paper bag containing 25 kg.

STORAGE LIFE: 18 months.

CONSUMPTION/USE

Consumption varies according to the substrate (nature, flatness, roughness).
– The thickness at all protruding points of the facades must be at least 10 mm, in order to ensure proper waterproofing.

– For decorative rendering, the thickness must be 5 mm at all points.

Average consumption: 1.3 kg/m²/mm of thickness

COLOUR: 100 PRB colours and Sun + colours.



AREA OF USE

USES

- Exterior and interior walls in all types of buildings for residential, tertiary or industrial use.
- Renovation of old rubble stone, natural stone and brick masonry (see process sheet on facade renovation)
- Coating for exposed stone.
- Joints (min 8 mm) on brick, stone and ceramic facades.
- French DTU Standards 20.1 & 23.1, 26.1 (P1-1, P1-2 and P2).

SUITABLE SUBSTRATES

(see Selection Guide)

- Breeze blocks or brickwork (DTU 20.1) with standard or narrow joints.
- Cellular concrete block masonry with a bulk density of ≥ 400 kg/m³ in accordance with EN 772-13.
- Cast-in-place concretes (DTU 23.1).
- Cement and cement-mix undercoats (DTU26.1).
- Old masonry (natural stone, rubble stone, brick) DTU 26.1 Ch 11.
- Other substrates: contact us.

PROHIBITED SUBSTRATES

- All gypsum-based substrates (plaster).
- Paint & thick paint coatings.
- Bare wood.
- Horizontal or sloping surfaces (except arches and soffits)

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- If the temperature exceeds 30°C, special protective measures must be taken.
- Do not apply to frozen, thawing, hot or damp surfaces. Do not apply to surfaces in full sunlight or during heavy rain and strong winds.
- Do not use strong colours (dark range) at temperatures below 8°C and with high humidity (increased risk of efflorescence or carbonation).
- Special conditions: see **“Substrate preparation”**.

TECHNICAL CHARACTERISTICS

INGREDIENTS

- Binders (natural hydraulic lime & white high-calcium lime, cement).
- Fillers, sand and quartz aggregates, microfibres.
- Water retention agents & setting agents.
- Water-repellent agents & lightfast mineral pigments.

PRODUCTS

POWDER:

- Max. grain size:
Finichaux GF (coloured): 2 mm
Finichaux GM (coloured): 3.15 mm

PASTE:

- Water retention: 95 to 100%
- pH (alkaline): 12.5 \pm 0.5

PERFORMANCE

WHEN HARDENED:

- Density: 1.1 to 1.3
- Modulus of elasticity: 2000 to 3500 MPa
- Flexural strength: 1 MPa

PERFORMANCE ACCORDING TO

EN 998-1 - ONE COAT (OC) MORTARS:

- Compressive strength:
CS I (0.4 to 2.5 N/mm²)
- Water permeability after freezing:
 ≤ 1 cm³/cm²

- Water vapour permeability: $\mu \leq 15$
- Thermal conductivity (λ_{10} , dry):
0.54 W/mK (established value)
- Durability/adhesion after freezing/Rupture:
 ≥ 0.2 N/mm² - A, B or C
- Water absorption (Wc2):
Capillarity ≤ 0.20 kg/m².min^{0.5}
- Reaction to fire (non-combustible): A1 (M0)

UTILISATION

- Mixing ratio: 23 to 27%
- Mixing time: 3 to 7 min
- Workable life: max 60 m.
- Setting time - before contact with water:
2 to 6 hrs
- Setting time - before scraping: 3 to 24 hrs

NB: These values are estimates derived from laboratory or on-site testing. The conditions of use, the type of material used and its level of wear and tear can significantly alter these values.

UTILISATION

SUBSTRATE PREPARATION

- Substrates must be clean, dust-free, stable and repaired beforehand where major chips or spalls are found.
- In hot weather and/or dry or gusty winds, the substrate should be wetted the day before application and again prior to application if necessary to prevent the render from drying out.
- Please refer to **“Substrate preparation”** and **“Applying single layer renders depending on the condition of the substrate”**.
- For restorations, please refer to the **“Application advice”**.

PREPARING THE MORTAR

Mortar pumps/sprayers - Concrete mixers (batch mixers)

- For every 25 kg bag, mix **PRB FINICHAUX GF/GM** with 5.75 to 6.75 l of clean water for 5 min.
- The water dosage and mixing time should be as consistent as possible to ensure regular colour throughout.
- Similarly, if using batches from different dates, these should be mixed proportionally to avoid irregular colouring.

PUMP/SPRAYER SETTINGS

Mortar pump

- Pressure (calibrated with water): 12 to 14 bars
- Paste operating pressure:
18 to 20 bars
- Output flow rate: 12 to 15 l/min
- Spray nozzles (min. \emptyset): 12 mm

Spray guns

- Air pressure: 6 to 8 bars

Manual application

- With a very plastic consistency, the product can be applied with a trowel in slightly overlapping movements.
- Level the base coat by smoothing the render with a straight edge.

APPLICATION AND TYPES OF FINISH

- Finish: Scraped, rustic, roughcast, float.
- Apply in accordance with the **“Types of Finishes”** section.
- See the **“Selection Guide”** for all possible finishes.

PRECAUTIONS FOR USE

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