

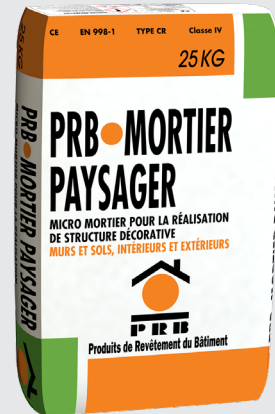
PRB MORTIER PAYSAGER

MICRO MORTAR FOR THE CREATION OF DECORATIVE STRUCTURES

Benefits of the PRB MORTIER PAYSAGER



- + Creation of decorative structural elements such as imitation rocks, wall features, modelling, landscapes, various profile shapes
- + Restoration and repair of natural stone
- + Can be applied in thick layers up to 150 mm



KEY PRODUCT INFORMATION

- 25 kg paper bag.
- 1.2 t pallet, i.e. 48no 25 kg bags.

CONSUMPTION

Consumption varies depending on:

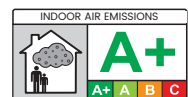
- What is being created and the thickness applied.
- As a guide, approx. 17 kg/m²/10mm thickness.

COLOUR: Grey (for other colours, contact PRB).

STORAGE: 12 months



EN 998-1 Type CRCS
Class IV W2



USAGE GUIDE

WHERE TO USE?

- To create or to make repairs to solid decorative profiles, reliefs, various shapes.
- For the creation of feature landscapes, relief, various shapes on a framework of metal mesh.
- Levelling of very thick walls, up to 150 mm in several layers.
- Creation of cornices, imitation corner stones, lintels, sills, etc.
- Restoring and repair of medium grain stone (semi-firm to hard).

APPLICATION CONDITIONS

- Between 5°C and 30°C.
- Do not apply on substrates that are frozen or thawing, hot or exposed to full sunlight, saturated or exposed to driving rain or strong winds.

Take extra precautions when applying in hot weather and strong winds in order to avoid premature drying out

SUITABLE SUBSTRATES:

- ✓ A mesh formwork using metal mesh such as Expamet, Stucanet, or mesh fixed over a metal or timber frame with a 9 x 9 mm to 30 x 30 mm mesh or over masonry such as:

- Poured concrete.
- Bricks, concrete blocks etc.

To avoid corrosion issues use stainless steel mesh and fixings for external applications.

- Stone masonry.

- ✓ Stone (Avoid applications to soft stone)

Other substrate types and specific uses, contact the PRB Technical Department.

PROHIBITED SUBSTRATES

- ✗ All Gypsum-based substrates (Plaster).
- ✗ Paints, Thin coat finishes.
- ✗ Directly on wood.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Binders (CPA cement, natural hydraulic lime, calcic lime).
- Fillers, sand and quartz aggregates.
- Rheology agents and setting regulators.
- Waterproofing compound, mineral pigments stable in light.

PRODUCT

POWDER:

- Max. grading:
- Landscaping mortar: 2 mm
- Fine landscaping mortar: 0.8 mm

MIXED PRODUCT:

- Water retention: 86 to 94 %
- pH (alkaline): 12.5 ± 0.5

RENDER PERFORMANCE IN HARDENED CONDITION:

- Density: 1.2 to 1.6 t/m³
- Modulus of elasticity: 3,500 to 9,000 MPa
- Bending strength: 2 to 3.5 MPa
- Fire behaviour (non-combustible): A1
- Compressive strength: 4 to 8 N/m²
- W2 water absorption: $C \leq 0.20 \text{ kg/m}^2 \cdot \text{min}^{0.5}$

PREPARATION

- Mixing rate: 22 to 25 %
- Mixing time: 3 to 7 mins.
- Batch life time: 60 min. max.
- Curing time: 4 to 6 hrs
- Structuring time: 0 to 48 hrs
- Time between coats: 1 to 72hrs
- First coat thickness: 20 to 30 mm
- Max. total thickness: 150 mm

N.B.: These values are standard laboratory or site testing values. The preparation conditions, substrate, and the application of the material used may modify them significantly.

PREPARATION

1. SUBSTRATE PREPARATION

- A key coat of **PRB ACCROFIX** powder or **PRB MORTIER PAYSAGER** mixed with 0.5 to 1 L of **PRB LATEX** to the water content per 25 kg bag must be applied the day before application.
- Apply the key coat to a wetted down, dampened substrate, but not running with water.

NEW SUBSTRATES:

- Substrates must be clean, free of dust, stable, and covered with a metal mesh for thicknesses ≥ 20 mm.

OLD SUBSTRATES:

- Remove old, loose or mechanically weak renders or masonry surfaces to obtain a strong and cohesive substrate.
- Repair any cracks using appropriate solutions.
- If there are variations in the masonry surface (different materials), the areas in question must be bridged using the metal mesh.

2. MORTAR PREPARATION

Mortar spraying pumps, concrete mixers

-  Mix **PRB MORTIER PAYSAGER** with 5.5 to 6.25 litres of clean water per 25 Kg bag for 5 minutes.
- The water dosage and the mixing time must be as consistent as possible to guarantee consistency throughout the application.

3. SPRAYING EQUIPMENT SETTINGS

Mortar pump

- Water pressure setting: 8 to 12 bars
- Mixed product operating pressure: 8 to 24 bars
- Lance output flow rate: 14 to 18 L/min
- Spray nozzles (min. $\varnothing$): 12 mm

Manual

- The application can be carried out by applying trowels of mortar with a highly elastic consistency and slightly overlapping one another.

4. APPLICATION AND FINISH TYPE

For full guidance, please refer to the PRB specifications.

- A range of different finishes and applications can be achieved:
- Creation of decorative feature moulds.
- Levelling of walls.
- Complex cornices.
- Stonework repairs.
- Repairs to statues and feature embellishments.

SCAN THE QR CODE BELOW
TO FIND THE MATERIAL
QUANTITY NEEDED



HEALTH & SAFETY

- Contains cement and 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 – June 2024

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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