

# PRB MORTIER PAYSAGER

MICRO MORTAR FOR THE CREATION OF DECORATIVE STRUCTURES



## The PRB MORTIER PAYSAGER +

- + Creation of decorative structural elements such as imitation rocks, wall smoothing, modelling, landscapes, various shapes
- + Restoration and repair of natural hard stone
- + Can be applied in thick layers up to 15 cm



EN 998-1 Type CR  
Class IV



### PACKAGING

- 25 kg paper bag.
- 1.2 t pallet, i.e. 48 25 kg bags.

**STORAGE:** 12 months.

### CONSUMPTION

- Consumption varies depending on:
- The relief to be built and the thickness applied.
  - It is in the region of 17 kg/m<sup>2</sup>/cm thickness.

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

## AREA OF USE

### USE

- Solid decors by recreation of landscapes, relief, various shapes on a framework of three-dimensional metal mesh.
- Straightening of very thick walls, up to 15 cm in several layers.
- Creation of cornices, imitation corner stones, lintels, sills, etc.
- Restoring and repair of medium grain stone (semi-firm to hard).
- DTU 26.1, DTU 20.1, DTU23.1, DTU 22.1.

### AUTHORISED SUBSTRATES

- Three-dimensional metal mesh such as Nergalto, Stucanet, or meshed metal frames with a 9 x 9 mm to 30 x 30 mm mesh fixed to frames or masonry such as:
  - Poured concrete.
  - Element masonry.
  - Stone masonry.
- Other substrate types and specific uses, contact the technical department.

### PROHIBITED SUBSTRATES

- All Gypsum-based substrates (Plaster).
- Paints, T.P.C.
- Directly on wood.

### APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on substrates that are frozen or thawing, hot or exposed to full sunlight, soaked or exposed to driving rain and strong winds.
- Avoid applying intense shades (dark range) at temperatures < 8°C and in very damp conditions (increased risk of efflorescences and/or carbonation).

## 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.

### PRODUCTS

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

### PASTE:

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

### RENDER PERFORMANCE IN HARDENED CONDITION:

- Density: 1.2 to 1.6 t/m<sup>3</sup>
- Modulus of elasticity: 3,500 to 9,000 MPa

- Bending strength: 2 to 3.5 MPa
- Fire behaviour (non-combustible): A1 (M0)
- Compressive strength: 4 to 8 N/mm<sup>2</sup>
- W2 water absorption: C ≤ 0.20 kg/m<sup>2</sup>.min<sup>0.5</sup>

### PREPARATION

- Mixing rate: 22 to 25 %
- Mixing time: 3 to 7 min
- Batch life time: 60 min. max.
- Out of water time: 4 to 6 h
- Structuring time: 0 to 48 h

- Time between coats: 1 to 72h
- First coat thickness: 2 to 3 cm
- Max. total thickness: 15 cm

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

## PREPARATION

### SUBSTRATE PREPARATION

- A rough coat with an additive must be applied the day before application (PRB ACCROFIX powder or PRB MORTIER PAYSAGER mixed with 0.5 to 1 l of fixative resin per 25 kg bag).
- The rough coat is applied on a wet substrate.

### New

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

### Old

- Remove old, loose or mechanically weak renders to obtain a strong and cohesive substrate.
- Repair infiltrating cracks.

- If there is discontinuity in the masonry (different materials), the zone in question must be bridged using a metal frame.

### MORTAR PREPARATION

#### Mortar spraying pumps, concrete mixers (discontinuous 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 will be as consistent as possible to guarantee consistency throughout the application.

### SPRAYING EQUIPMENT SETTINGS

#### Mortar pump

- Water pressure setting: 8 to 12 bars
- Paste operating pressure: 8 to 24 bars
- Lance output flow rate: 14 to 18 l/min
- Spray nozzles (min. Ø): 12 mm

#### Manual

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

### APPLICATION AND FINISH TYPE

Please refer to the specifications.

- Creation of solid decors
- Straightening of walls
- Cornices
- Stonework repairs

### PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Read the regulatory labelling on the package and read the safety data sheet before using.