



MORCEM® PANEL



DESCRIPTION

Hydraulic mortar designed for rendering enclosure panels, compatible with boards from different suppliers based on internal tests conducted by Grupo Puma. Request for more information. This mortar offers excellent adhesion and sufficient strength to be used as a render. Impervious to rainwater and permeable to water vapour. Reaction to fire Euroclass A1.

TECHNICAL CHARACTERISTICS

It has cement, organic aggregates, and mineral loads.

ADVANTAGES AND USES

- Correct adhesion
- Suitable resistance as rendering.
- Rainproof.
- Permeable to water vapour.
- Reaction to fire Euroclass A1.

SUITABLE SUBSTRATES

- Enclosure panels composed of cement and covered on both sides by a fibreglass mesh.

APPLICATION PROCEDURE

- Add water to the product and mix with the help of a mixer, until getting a homogeneous paste. After allowing the materials used in the joint treatment, as indicated by the manufacturer, to dry properly, spread the MORCEM® PANEL over the panel. Then, using a notched trowel (size 8), comb the product to achieve an even distribution of mortar across the surface of the panels.
- Unroll the Traditem Malla bands from top to bottom, overlapping them by at least 10 cm, and press them with a trowel onto the grooves of the Morcem® Panel mortar until they are completely embedded in it. This coat should be at least 2 mm thick, and the grid of the embedded mesh should be visible on the surface.
- Once this coat is slightly hardened and as soon as possible (usually the next day), apply a 2 mm, smooth but not float, second coat of Morcem® Panel mortar, as surface finish.
- Once the reinforced coat of Mortero Morcem® Panel is hard and dry enough, but never before 2 days from the last application, you may proceed with the FONDO MORCEMCRIL acrylic primer, using a roller, paint brush or paint gun.
- 24 hours after, once it is completely dry, you may apply a finish coat of acrylic mortar from the MORCEMCRIL range.

RECOMMENDATIONS

- Do not apply the product under 5°C nor above 30°C temperature.
- Do not apply under the risk of frost, rain, heavy wind, or direct sun light.
- The reinforced mortar layer covering the panels must have a thickness between 3-6 mm.
- Before applying MORCEM PANEL mortar, the enclosure formed by the panels must ensure the waterproofing of the envelope by applying the recommended joint treatment between panels, preventing water from penetrating the façade partition.
- This treatment must be conducted on both horizontal and vertical joints.
- Before applying the base reinforcement layer, place 20x40 cm TRADITERM mesh strips at a 45° angle at all corners of façade openings (windows, doors...) to reinforce the jambs and lintels. Even though the mesh is covered, the grids should be marked.

NOTE: When the product described in this Technical Data Sheet is used as part of a system or construction solution by GRUPO PUMA, officially defined as a component thereof, the specific instructions and recommendations included in the relevant technical documentation must be strictly followed. This includes, but is not limited to, the guidelines outlined in the Manual related to the respective system or construction solution.

PACKAGING AND STORAGE

25 kg plastic-lined paper bags.
Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

TECHNICAL DATA

(Statistical data obtained under standard conditions)

Reaction to fire	Euroclase A1. Does not propagate the flame
Water absorption	W2
Water vapour permeability	$\mu \leq 15$
Adhesion	$>0.8\text{N/mm}^2$
Classification according to UNE E 998-1	GP

Performance of the product

Layer	Technical application	Minimum Application Thickness	Yield
Mesh plate lining	Notched trowel 8 mm	Coating plates with mesh 3 mm	Approx 1.5 Kg/m ² /mm

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

GRUPO PUMA is not responsible, in any case, for the application of its products or constructive solutions carried out by the application company or other parties involved in the process and / or execution of the work, limiting the responsibility of GRUPO PUMA exclusively to the damages directly attributable to the supplied products, individually or integrated in systems, due to failures in their manufacturing process.

In any case, the drafter of the work project, the technical management or the person responsible for the work, or collaterally the application company or other parties involved in the process and / or execution of the work, must ensure the suitability of the products addressing the characteristics of them, as well as the conditions, support and possible pathologies of the work in question.

The values obtained by GRUPO PUMA's products or its constructive solutions that, as the case may be, are determined by the EN standards or any other regulation that applies to it in each case refers exclusively to the conditions specifically stipulated in said regulation and that are referred to, among others, to certain characteristics of the support, humidity and temperature conditions, etc. without being them required in the tests obtained under different conditions, all in accordance with the relevant regulation.