



MORCEM® ESTUCO LISO

Dry mortar for between 5 and 10 mm plaster with a thin and smooth power floating concrete finish.



DESCRIPTION

Coating mortar based on aerial lime.

For power floated concrete or smooth finish on mortar fillings.

Impervious to rainwater and permeable to water vapour.

TECHNICAL CHARACTERISTICS

Product based on aerial lime and hydraulic binders, selected aggregates and additives.

ADVANTAGES AND USES

- Suitable for interior and exterior areas.
- Suitable option for both new work areas or rehabilitation.
- High permeability to water vapour and permeability to rain.
- Improves habitability. It can be manually or mechanically applied.
- Specially indicated for surfaces with a power floating concrete finish, thin or smooth.
- Great adherence.
- Excellent workability, its great plasticity makes it easier to apply it during the whole process.
- Application thickness between 5 and 10 mm.
- Colour range available.

SUITABLE SUBSTRATES

- Substrates treated with MORCEM ESTUCO.
- Mortar fillings, or any other substrates of similar mineral nature, with certain porosity.
- Substrates must be resistant, stable, healthy and clean.
- They should be free of dust, remains of release agents, organic products, etc.
- The compatibility of the resistance of the substrate with that of the mortar to be used must be taken into account.
- In case of heavy heat, wind or very absorbent substrates, it is advisable to moisten the substrate and wait until the water film is totally absorbed.
- Do not apply on top of plaster or paint.

APPLICATION PROCEDURE

MECHANICAL APPLICATION

- Establish according to the machine selected (section and length of hose) and external weather conditions or optimum water / mortar ratio.
- Project the mortar onto the substrate, keeping the variables constant, as that may affect the characteristics of the applied mortar (distance from the wall, angle of application and proportion of water).

MANUAL APPLICATION

- Add water and mix manually or mechanically until getting a homogeneous consistence, easy to work with.
- Spread the kneaded product on the substrate with the help of a trowel.

DECORATIVE PLASTERS

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RECOMMENDATIONS

- Allow the necessary time to elapse and trowel or smooth, depending on the type of finish chosen.
- 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.
- Perform an adequate treatment of singular points, such as slabs, pillars, window angles, etc..., arming the product with fibreglass mesh to avoid cracking, embed it in the central part of the thickness of the coating.
- In areas of low absorption, it is recommended to use a suitable junction bridge type Implafix, (see technical sheet).
- Carry out a good design of joints, providing expansion, structural and any other necessary joints.
- Under extreme weather conditions (heavy wind or high temperatures) it is necessary to gently water the product the day after its application.
- Minimum application thickness of 5 mm, for thicknesses greater than 1 cm it is recommended to apply the product in two layers.
- The minimum final thickness of a coating mortar should be at least 10 mm to ensure permeability to rainwater depending on the components of the system on which it is applied

PACKAGING AND STORAGE

25Kg of laminated paper sacks.

Store up to 1 year in its original closed packet, away from extreme weather conditions and humidity.

TECHNICAL DATA

(Statistic results obtained under standar conditions)

Aspect	White and coloured powder
Permeability to water vapour	$\mu \leq 15$
Adhesion	$\geq 0,2 \text{ N/mm}^2$
UNE-EN 998-1 classification	CR CSII W2
Aproximative performance	16 Kg/m ² per 1 cm thickness

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Cement based mortar prepared with aggregates that are supplied close to the production center, which reduces the greenhouse gas emissions that would otherwise arise from their transport. Manufactured in production centers with an Environmental management certified system following ISO 14001 regulation, offering a firm promise of sustainability and respect for the environment.

Cement based mortar with type III ecological label (the most strict) Environmental Product Declaration verified externally by AENOR.

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 PUMAS'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

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tests obtained under different conditions, all in accordance with the relevant regulation.