



MORCEMSEC® PROYECTABLE EXTERIOR

Dry rendering mortar gray with waterproof coating



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION

DESCRIPTION

Dry mortar with special additives, rainwater-proof and permeable to water vapour with the necessary fluidity and time to be applied with a mortar projection pump.

TECHNICAL CHARACTERISTICS

Product based on high resistance cement, selected aggregates, and other additives.

ADVANTAGES AND USES

- To be applied indoors and outdoors.
- Waterproof cladding.
- Permeable to water vapour, allowing the substrate to breathe.
- Excellent adherence and plasticity.
- Smooth or sponge floated finish.
- Apply by hand or with a pump.
- Plaster and stucco works.

SUITABLE SUBSTRATES

- Conventional cement and brickwork based substrates.
- Substrates must be resistant, stable, sound and clean, free of dust, demolding agents, organic products, etc.
- In case of hot or windy weather conditions or when applying over absorbent substrates, it is advisable to wet the substrate and wait till the thin layer of water disappears.
- With low-porosity substrates, apply a priming coat (IMPLAFIX) or improve roughness by mechanical means.
- Do not apply on gypsum or on paint.

PRE-MIX PLASTERS AND MORTARS

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APPLICATION PROCEDURE

MECHANICAL APPLICATION

- Fix the optimum proportion water/mortar according to the chosen pump (section and hose length) and external weather conditions.
- It is important to maintain the same variables affecting the features of the applied mortar (distance to the wall, angle of application and water proportion).

MANUAL APPLICATION

- Add water and mix by hand or mechanically until it takes on an even and workable consistency.
- Spread the mixed product over the substrate with the use of a trowel.

Let stand as long as necessary and then float finish.

RECOMMENDATIONS

- Do not apply below 5°C nor above 30°C.
- Do not apply when there is a risk of frost, rain, strong wind or direct sunlight.
- For a thickness of over 1,5 cm, it is advisable to apply the product in two coats.
- The final minimum thickness of the render should be at least 10 mm, in order to effectively ensure the surface's waterproofing from rainwater.
- In extreme weather conditions (strong winds or high temperatures) it is necessary to water the product with light sprinklers the day after applying it.

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)

Aspect	GREY powder
Water vapour permeability	$\mu \leq 15$
Adhesion	$\geq 0,3 \text{ N/mm}^2$
UNE-EN 998-1 Classification	GP CSIII W2
Approximate yield	16kg/m ² per thickness cm

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,

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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.

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