



## MORCEMREST® MUR

Porous mortar for treating rising damp on the lower parts of the wall.



### DESCRIPTION

Renovation mortar for the treatment of damp by capillarity on the lower parts of the wall, facilitating the evaporation of water retained in the wall.

### TECHNICAL CHARACTERISTICS

Product based on hydraulic binders, selected aggregates, porogenic additives and saline efflorescence inhibitors.

### ADVANTAGES AND USES

- Sanitation of damaged walls due to rising damp.
- It prevents the appearance of salts on the wall surface thanks to its high porosity.
- Conservation of the wall technically and aesthetically for years depending on the water supply - saline of the soil.
- It reduces the appearance of condensation and mould indoors.
- Very permeable to water vapour.
- It provides dehumidifying properties - Direct application without filling.
- It may be applied on top of bricks, natural stones, concrete blocks or any other kind of porous fabric.
- It is easy to apply and possesses an excellent adhesion to the substrate.
- Suitable for indoors and outdoors applications.
- Application in the lower part of the wall to be repaired.

### SUITABLE SUBSTRATES

- Substrates must be resistant, stable and sound.
- They must be clean and free of dust, remains of release agents, organic products, microorganisms, etc.
- In case of heat, wind or very absorbent substrates, it is convenient to moisten the substrate and wait for the water film to disappear.
- At singular points (joints between different materials, floors, columns...) reinforce the mortar with fibreglass mesh to avoid cracking.

### APPLICATION PROCEDURE

- Add water (between 3.8-4.3 litres for each 25-kilo bag) and mix manually or mechanically for at least 5 minutes until a homogeneous and workable consistency is obtained.
- Spread the mixed product on the moistened substrate with the help of a trowel avoiding too much pressure so not to close the pores until getting a 20 mm thickness.
- The maximum thickness will be 40 mm applied in two layers of 20 mm.
- Carry out the scraped or floated finish with a wooden trowel (and thus maintain open porosity) once the adequate consistency is obtained.
- Cover only with highly breathable materials.
- Compatible with the range of lime mortars; MORCEM STUCCO or highly breathable mineral paints.



# CONCRETE REPAIR

## MORCEMREST® MUR

### RECOMMENDATIONS

- Do not apply below 5°C nor above 30°C.
- Do not apply the product with risk of frost, rain, strong winds, direct sun or hot substrate.
- Do not apply on top of plaster or paint. On poor condition substrates and for large thicknesses, it is necessary to reinforce the mortar with mesh (check with the technical department).
- Do not cover MORCEMREST MUR with materials that are not very breathable (plastic paints, varnishes, stone, ceramic tiles...).
- On indoors applications MORCEMREST MUR increases the relative humidity of the environment. Avoid its application in places without ventilation.
- The application height will be 50 cm above the damp stains.
- According to CTE in the basic document of Health DB - HS 1: It should be protected against humidity; when the façade is made of a porous coating, to protect it, there must be a plinth or other material whose suction coefficient is less than 3% in order to protect it from capillary rises and splashes. Minimum 1 cm from the ground

### 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)

|                                                |                                          |
|------------------------------------------------|------------------------------------------|
| Colour                                         | WHITE                                    |
| Occluded air EN-1015-7                         | 20%                                      |
| Retraction                                     | < 1 mm/m                                 |
| Compression resistance EN-998-1                | CSII                                     |
| Tensile strenght EN-1015-12                    | ≥ 0.3 MPa                                |
| Capillarity 24 hours EN-1015-18                | ≥ 0.3kg/m <sup>2</sup>                   |
| Water penetration depth in 24 hours EN-1015-18 | < 5 mm                                   |
| Thermal conductivity coefficient (I) EN 1745   | 0.30 W/mk                                |
| Performance                                    | 12 kg/m <sup>2</sup> per cm of thickness |
| Mixing water                                   | 16% ± 1                                  |

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### CE MARK

|                                                                                                                    |                                             |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
|                                  |                                             |
| GRUPO PUMA SL<br>C) Conrado del Campo Nº2 29590 Campanillas (Málaga)<br>10<br>Nº: 210313                           |                                             |
| EN-998-1<br><b>MORCEMREST MUR</b>                                                                                  |                                             |
| Mortar for rendering and plastering R CSII, for repairing façades and protecting against rain with scraped finish. |                                             |
| Reaction to fire                                                                                                   | A1                                          |
| Water absorption                                                                                                   | $\geq 0.3 \text{ kg/m}^2$ after 24 h        |
| Diffusion coefficient for water vapour                                                                             | $\leq 12$                                   |
| Adhesion                                                                                                           | $\geq 0.3 \text{ N/mm}^2$ Type of break A/B |

### ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Mortar made with aggregates close to the production centres, reducing greenhouse gas emissions associated with its transport and made in production centres with Environmental Management systems certified in accordance with the ISO 14001 standard, a firm commitment to sustainability and respect for the environment. Mortar with type III ecological label (the most demanding) Environmental Product Declaration externally verified 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 tests obtained under different conditions, all in accordance with the relevant regulation.