

## MORCEM® DRY SF

Waterproofing mortar. Semi Flexible.



### DESCRIPTION

Waterproofing mortar. Semi Flexible.

### TECHNICAL CHARACTERISTICS

High-strength white cement-based product with selected aggregates, special additives and resins.

### ADVANTAGES AND USES

For waterproofing:

- Small surfaces up to 5-6 m<sup>2</sup>, exposed to negative pressure (up to 1 bar); such as baths, showers, small fountains and wet environments, before tiling.
- Stable substrates.
- Semiflexible mortar compared to traditional mortars.
- Interior use.
- Waterproof.
- Easy to apply.

### SUITABLE SUBSTRATES

- Concretes, prefabricated blocks of smooth concrete and renders rich in cement.
- Substrates must be strong, stable, sound and clean, free of dust, residues of mold release agents, organic products, etc.
- If it is hot or windy or if the substrate is very absorbent, it is best to wet the substrate and wait for the film of water to disappear.
- Substrates that are not subject to big movements.

### APPLICATION PROCEDURE

- Add between 1 and 1.1 litres of water and mix manually or mechanically until the consistency is homogenous and workable.
- With the substrate damp, apply a first thick coat of the product with a flat brush.
- Leave it to dry for about 2 to 4 hours.
- Apply a second coat with the flat brush in the same way.
- It can be finished by smoothing with a trowel or a sponge trowel according to the texture wanted.
- Morcem DRY SF should be applied as evenly as possible, to prevent excess material causing cracks in it.
- Wait at least 4 days before filling with water.

### RECOMMENDATIONS

- Do not apply at temperatures below +5°C or above +30°C.
- Preferably apply on the positive side, i.e., the one which receives the water pressure.
- If applied on the negative side, there is a risk of it coming away if the water pressure is greater than the adhesion of the material.
- Do not apply where there is risk of frost, rains, strong winds or direct sun.
- To ensure waterproofing, the minimum thickness should be 2 mm.
- In areas where there may be movement like cracks because of retraction of the substrate or critical points of the element to be waterproofed, it is recommended that the covering is reinforced between the two coats with a strip of fine grid mesh, MORCEMDRY MESH [MORCEMDRY MALLA], which should be laid

# CONCRETE REPAIR

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### PACKAGING AND STORAGE

as carefully as possible, avoiding pockets or folds in the mesh. The fiberglass meshes should be bonded with an overlap of a minimum width of 5 cm.

- For wall-wall, wall-floor, wall-ceiling bonding, the application of 5 x 5 cm of Morcemrest RF 15 or Morcemrest RF 35 in the form of beading is recommended.
- Consult the Technical Department for any application not specified in this Technical Datasheet.

5 kg polyethylene bag.

Shelf life: 1 year in its sealed original packaging, sheltered from weather conditions and humidity.

### TECHNICAL DATA

(Statistical data obtained under standard conditions)

Aspect	WHITE powder
Density of mixed product	1.9 ± 0.1 g/cm <sup>3</sup>
Positive pressure resistance (1 layer of 2mm)	Up to 1 bar.
Positive pressure resistance (2 layer of 2mm)	Up to 3 bar.
Negative pressure resistance	Up to 1 bar.
Flexural strenght at 28 days	> 8 Mpa
Resistance to compression	> 40 Mpa
Penetration depth	Class I < 10mm
Approximate yield	2,5 kg/m <sup>2</sup> per 2 mm of thickness

(A minimum of 2 layers must be applied. In areas with extremely strong filtrations 3 layers must be needed)

### CE MARK

	
GRUPO PUMA SL Avda Agrupación Córdoba 17 14014 Córdoba 21 Nº: 230038	
EN-1504-2 MORCEMDRY SF	
Mortar coating for surface protection, single component semiflexible, minimum layer thickness 2mm.	
Capillary absorption and water permeability	≤ 0.1 kg.m <sup>2</sup> h <sup>0.5</sup>
Thermal compatibility	Pass
Adhesive strength by tensile test	Pass
Penetration depth	Class I < 10 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.

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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.