



## Hydraulic lime-based dehumidifying plaster

### DESCRIPTION

Macroporous dehumidifying plaster for vertical restorations suitable for the rehabilitation of damp walls. Pre-mixed with a natural hydraulic binder, free of water-soluble salts, and selected industrial sands with a maximum grain size of 2.5 mm. Product applicable after the use of Asfodelo Rinzafo Antisale. For interior and exterior use.

### MAIN PROPERTIES

- Compensated shrinkage;
- Suitable for dehumidifying processes

### TECHNICAL DATA

Volatile organic compounds (VOC)	Not covered by Directive 2004/42/CE.
Classification (UNI EN 998-1)	Base-coat mortar, single-component, with chemical-physical curing.
Granulometry (EN 13300 / EN 1062)	2.5mm
Reaction to fire (EN 13501-1)	Class A1
Capillary absorption and perm. Water (class W) (EN 1015-18)	≥ 0.3 kg/m <sup>2</sup> Water penetration after capillary water absorption test: ≤ 5 mm
Adhesion (EN 1015-12)	>0.2 N/mm <sup>2</sup> - FP:B (EN 1015-12)
Open time (EN 1346)	30 min
Thermal conductivity (λ) (EN 1745)	0.47 W/mK
Water vapour transmission (μ) (EN 1015-19)	5 - 20
Bending resistance	1.4 N/mm <sup>2</sup>
Compression resistance	4 N/mm <sup>2</sup> , CS II (1.5 to 5 N/mm <sup>2</sup> )
Apparent bulk volume	1320 ± 50 g/l
Bulk volume in paste	1500 ± 50 g/l
	>12
Type of binder	Hydraulic lime (NHL 5)
Solid content	100%
Mixing Ratio	18% with water; 4.5 Litres per 25Kg package
Maximum application thickness	1.5cm per coat
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.

### CHARACTERISTICS

Pot-life of mixture	About 3 hours
Coverage	12.5 kg/m <sup>2</sup> per mm of thickness
Overpaintable	Can be overpainted with products from the Silitow, Towcalce and Minerali lines.
Colour range	Hazelnut
Dilution	Water

## APPLICATION

### Suitable Substrates:

Structural repair of damp masonry of any nature and thickness, both new and old, indoors and outdoors or underground, even in the presence of salts, as long as they are not subject to water infiltration and are well ventilated. Apply Asfodelo Rinzafo Antisale to these substrates beforehand.

Masonry in brick, stone, mixed materials and tuff.

Do not apply on gypsum

### Preparation of the Substrate:

All plaster must be completely removed from the masonry to at least 1 meter beyond the area of evident humidity. Check with a hygrometer. Remove any salt encrustations, loose parts and any old repairs. Wash the surface thoroughly with water, wait 1 to 4 hours depending on the environmental conditions and the masonry so as to allow excess surface water to dry. After having carefully prepared the surface as described, apply a single coat of Asfodelo Rinzafo Risanante and make certain that the entire surface is covered.

### Ambient Conditions:

min +5°C max +35°C

### Type of Equipment:

spatula, mason's trowel, cement mixer

### Application Procedure:

Before applying the restoration plaster ASFODELO RISANTE, moisten the surface of the rough coat produced with Asfodelo Rinzafo Antisale. Wait for the excess water to disappear; then apply a coat of ASFODELO RISANTE on the damp wall (minimum thickness = 2 cm; maximum thickness = 4 cm). For thicknesses greater than 2.5 cm, apply several coats of the product.

To reconstruct large cavities or for great thicknesses, fill with brick chips. Finish ASFODELO RISANTE with the "wet -on-wet" technique or moisten before applying a second layer. ASFODELO RISANTE must be mixed with 18% water and, to avoid excessive swelling of the mixture, it must not be mixed for more than 5 minutes. The mortar applied must be kept moist so as to prevent burns, particularly when the weather is hot and windy. ASFODELO RISANTE can be applied with a trowel and finished as a rustic plaster. For a two-coat plaster finish, after 24 hours, thoroughly wet the surface and finish with Artemisia. Outdoors, avoid direct contact with the starting surface by inserting a non-absorbent strip.

### Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog or rain. The conditions must last at least 2 days after application. Different absorptions or non-homogeneities of the substrates condition the final aesthetic result of the colored mineral finishes.

## STORAGE

### Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

### Packaging:

25kg bags

### Storage:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

## TECHNOLOGIES/CERTIFICATIONS

