



**BRIGLIADORI**  
**FORNACE CALCE**



EDILIZIA, RESTAURO & COSTRUZIONI

## SPRAYABLE DEHUMIDIFYING MORTAR

CE 12  
EN 998-1

**Product code 56**  
**Restoration mortar plaster for internal and external use (R)**

### DESCRIPTION AND USES

**SPRAYABLE DEHUMIDIFYING MORTAR** is a ready to use mortar made of **Natural Hydraulic Lime NHL5** of our production (certified according to EN 459-1), suitable for application with normal continuous plastering machines type PFT G4 or G5C.

It is indicated for renovating old damp walls and basement rooms as long as they are free of water infiltration and adequately ventilated. It is ideal for work in buildings of historical interest, churches, old villas, farmhouses, etc.

### TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-1,2 mm
Mixing water	: approx. 21-22%
Theoretical yield	: approx. 12-13 kg/m <sup>2</sup> /cm
pH	: > 12
Water vapour diffusion coefficient (μ)	: ≤ 15
Fire reaction (class)	: A1
Adhesion (N/mm <sup>2</sup> )	: ≥ 0,3 FP:B
Capillary water absorption	: ≥ 0,3 kg/m <sup>2</sup>
Thermal conductivity	: λ ≤ 0,35 W/m·K
Compressive strength (class)	: CS II
Bulk density	: 1300 kg/m <sup>3</sup>
Water penetration after capillary water absorption test	: ≤ 5 mm
Occluded air (hardened)	: > 40% approx.
Occluded air (kneaded product)	: > 25% approx.
Max stop machine time	: 20 minutes
Pot life mixture	: 60 minutes
Time for finishing	: min. 15 days
Time for painting	: min. 25 days
Packaging	: 20 kg bag

### APPLICATION

**Scrap and clean the wall up to about 0,80 - 1 mt** above the moisture level from all incoherent parts, oils, gypsum and anything else that may compromise adhesion. The night before the application wash the wall.

It is important not to apply in the presence of water film. In the presence of high saline efflorescence, remove it mechanically with a sorghum brush.

Apply a covering anti-salt render with **Anti-salt Consolidating Mortar** for a thickness of at least 5 mm by hand or with a plastering machine, adjusting the flow meter to obtain a consistent and 'plastic' mortar.

Within 48 hours from the application of the **Anti-salt Consolidating Mortar**, proceed with the application of the **SPRAYABLE DEHUMIDIFYING MORTAR**.

The mortar can be applied with plastering machines equipped with the following accessories: mixer, D6-3 stator/rotor, 25x37 mm mortar tube, length metres 10/20 and spray lance.

Avoid direct contact with the skirting by inserting an absorbent strip or leave a free space.

In the case of skirting board application, provide for the application of a strip of **READY TO USE MORTAR BM14** of the same height as the skirting board itself.

### CONDITIONS FOR A SAFE STORAGE

Keep covered and dry. Protect against moisture. Dispose of according to local regulations.

Storage: 12 months in unopened original packaging in a covered and dry place.

Product complies with Annex II of REACH - Regulation 2015/830.

Refer to Safety Data Sheet (SDS) for information on possible hazards. Product for professional use.

The use of the product must be based on the applicator's own research and evaluation.

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