



MALTA DEUMIDIFICANTE ANTISALE

Lime and pozzolana anti-salt rendering mortar



DESTINATION ➔ **MALTA DEUMIDIFICANTE ANTISALE** has been specially formulated for the preparation of supports affected by rising damp on stone, brick, tuff or mixed masonry. For restoration interventions on historic buildings.

PROPERTIES ➔ **MALTA DEUMIDIFICANTE ANTISALE** is a pre-packaged powder rendering mortar, composed of **lime and natural pozzolans**, selected siliceous aggregates in the suitable granulometry, in a continuous curve. The particular and original modification of lime with specific pozzolans, water-repellent and porous inorganic compounds, allows maintaining high breathability characteristics. It does not contain any form of clinker, nor free lime, nor salts that can trigger harmful reactions, with the formation of Ettringite and Thaumasite.

The binder contained in this mortar is a **hydraulic lime**, obtained from the cold mixing of calcium hydrate $[Ca(OH)_2]$, of the highest quality, obtained from the calcination, at low temperature (approximately 850-900°C), of limestones pure and micronized natural pozzolans of different specific surface area and energy. The particular binder gives the mixture excellent adhesion to the support, notable elasticity (low elastic modulus), very high breathability, high resistance to alkaline aggression and the formation of mold and bacteria.

USE ➔ **Preparation of the support:** The wall surface (of any type) must be very clean and show no signs of dusting; absolutely free of inconsistent and inconsistent parts (oils, salts, etc.). Wet the support adequately before application.

Mixing: mix each 25 kg bag with approximately 6 liters of clean water or approximately 25% of the weight of the powder. Mixing must be carried out in a tumbler concrete mixer or with a special mixer. Before application, let the mixture rest for 10-15 minutes. Mixing by hand is not recommended.

Application: apply the mortar manually with a trowel or with a plastering machine to a maximum thickness of 1 cm per coat, taking care to completely cover the masonry, leaving no exposed parts. Leave the surfaces rough to allow the attachment of the subsequent plaster, which must be applied when the mortar is completely dry. Circumventing some precepts of the Rule of Art can lead to undesirable outcomes.

YIELD ➔ **14-16 kg/m²** for 10 mm thickness.

TECHNICAL DATA

- ➔ **Appearance:** amber coloured powder
- ➔ **Granulometry UNI EN 1015-1:** from 0 to 2 mm
- ➔ **Compression resistance UNI EN 1015-11:** > 2 N/mm² - Category CSII
- ➔ **Water vapour diffusion resistance UNI EN 1015-19:** $\mu < 6$
- ➔ **Adhesion to support UNI EN 1015-12:** 0,3 N/mm
- ➔ **pH:** 13
- ➔ **Fire reaction:** Class A1
- ➔ **Mixing time in concrete mixer:** 10 minutes
- ➔ **Workability time:** about 30 minutes

PACKAGING

1CR066 ➔ BAG kg 25

STORAGE ➔ Store in the intact bag in a cool, dry place, away from humidity, rain, frost or high heat sources. Apply within 12 months of the manufacturing date.

WARNINGS

- ➔ Product intended for professional use.
- ➔ Apply the product within 20 minutes of mixing.
- ➔ Operating temperatures +5°C/+35°C.
- ➔ Avoid exposure to wind and high temperatures.
- ➔ Do not add water to prolong the use time.
- ➔ Equip operators as required by current safety regulations.

All information contained in our records correspond to our best knowledge of current techniques and cannot be considered binding or challenging as the real application conditions, verifiable case, may also result in major changes of both practices described above and the results obtained. Perform preliminary tests to determine if the product is suitable for the intended or not. We decline any liability for any damage resulting from improper use or misuse of the product. Do not litter in the environment. This data sheet replaces all previous versions.