



Storica Deumidificante

Waterproof, transpiring and fibre-reinforced renovation plaster (R), based on natural hydraulic lime.



MAIN AREAS OF USE

It is particularly suitable to

Plaster masonry before laying other products of the Naturalis line in environmentally friendly cycles. Suitable for creating transpiring masonry, even in areas subject to frequent rainfall and against damp masonry.

Recommended applications:

Plaster any kind of surface that requires a transpiring and water-resistant plastering, with the pleasantly rustic appearance of hydraulic lime.

- Suitable substrates (indoor and outdoor)
- Brickwork
- Stone
- Clay bricks
- Tuff
- Mixed masonry
- Reinforced Concrete
- Concrete

CHARACTERISTICS

Historically compatible thanks to the use of traditional raw materials such as NHL 5 hydraulic lime.

The extreme smoothness allows easy and fast application, limiting waste of time and material.

The transpiration and water repellency feature makes it ideal as a plaster for renovation on damp masonry.

Excellent dimensional stability and slow lime integration prevent cracks and fissures.

The excellent adhesion feature makes it a suitable product for all common substrates, even in the presence of salts.

Conforms to **class R** of the **UNI EN 998-1** standard as renovation mortar.

HOW TO USE

Preparation of the substrate

The substrate must be cured, clean, flat, cohesive and free of any kind of release agent. It is always advisable to use a primer to even out absorption. If necessary, solve the capillary/saline rise in advance with **Neutral Antisale** or **licata Injecto Gel**.

- **New substrates:** no precautions beyond those indicated
- **Deteriorated or crumbling substrates:** Remove any friable, poorly cohesive or detachable parts and restore the correct flatness with **licata Naturalis** products.

Preparing the mixture

- 1_Pour the product into a clean container, containing $\frac{3}{4}$ of mixing water
- 2_Mix for about 3 – 4 minutes with a low speed mixer, gradually adding the remaining water. The product ready for application should be a thixotropic, smooth and lump-free mixture.
- 3_Let it rest for 1-2 minutes then stir again before use.

Storica Deumidificante should be used as is, with only the addition of clean water. Do not split the packages to use them partially and do not use open bags.

Application

- 1_Moisten the substrate before applying.

2_In case of manual application, to allow an easier binding to the subsequent layers, proceed with a first layer of roughing/rendering performed with trowel in order to completely cover the surface. In the case of machine application, proceed from the bottom up.

3_Apply the product with thickness between 6 and 20 mm in a single layer, then level with an H straight edge or knife with horizontal and vertical passages, until a flat surface is obtained.

For thicknesses above 20 mm, add more layers waiting at least 1 day before applying the next one, always taking care to roughen the substrate layer using a hard grout trowel.

PRODUCT INFORMATION

Appearance	Beige powder
Particle size	<2.0 mm
Powder consumption	15 Kg/m ² per 10 mm of thickness
Mixing water	19%-21% of weight of powder
Workability time at 20 °C	>30 minutes
Application thickness per coat	6-20 mm
Application temperature	From +5 ° to +35 °C
Storage in unopened original packaging	12 months in a dry place between +5° and +35°C
Packaging	25 Kg

PERFORMANCE ACCORDING TO UNI EN 998-1

Characteristic	Test method	Legal requirement	Performance
Dry density in bulk	EN 1015-10		1250-1350
Compressive strength	EN 1015-11	CSII	CS II
Adhesion	EN 1015-12		≥0.13
Fracture pattern	EN 1015-12	A,B,C	B
Capillary absorption	EN 1015-18	W0-W2	W0
Water vapour permeability coefficient (μ)	EN 1015-19	≤ 15	≤15
Thermal conductivity (λ)	EN 1745:2002, Table A.12		0.4
Euroclass fire resistance	EN 13501-1		A1

WARNINGS

- Product for professional use.
- In the case of applications other than those indicated in the sheet, it is advisable to carry out a suitability check in advance and/or contact the licata Technical Service for further information.
- Always check the colour, texture and appearance before application. Any claims regarding this will not be accepted once the product has been applied.
 - Do not apply in extreme conditions such as on icy surfaces or in the presence of fog/excessive ambient humidity.
- To avoid aesthetic and functional defects, adequate shielding must be provided in case of direct exposure to sunlight.
- Make sure that the ambient, substrate and product temperatures during application and drying are between +5°C and +35°C.
 - Properly care for the product until it is completely dry and at least in the first 48-72 hours, protecting it from rain, wind, weather and direct sunlight.
 - The temperature and humidity can accelerate (if high) or slow down (if too low) even drastically the maturation process, until it stops completely.
 - The presence of scaffolding, the use of natural raw materials and the impossibility of controlling atmospheric conditions and the substrate can lead to signs of recovery and inhomogeneity for which licata SpA is not responsible.
 - The fresh product can be washed with water.

SAFETY

Protect eyes and hands during application.
Read and keep the latest version of the Safety Data Sheet available for information on the correct disposal, storage and handling of the product.

NOTES

This data sheet replaces and voids all previous versions.
The instructions and performance information given in this document are based on our current technical-scientific knowledge and must in any case be considered purely indicative and refer to standard laboratory conditions. The purchaser must, therefore, check that the product is suitable for his specific requirements. All the documentation necessary for the safe use of licata SpA products is available in its most up-to-date form on the **licata SpA** company website. Additionally, our technical-commercial network guarantees a quick inquiry and remains available to you for information and explanations. For further information, contact the licata Technical Service at servizio-tecnico@licataspa.it
Data sheet ref.: TDS P10071 - rev.07/21.