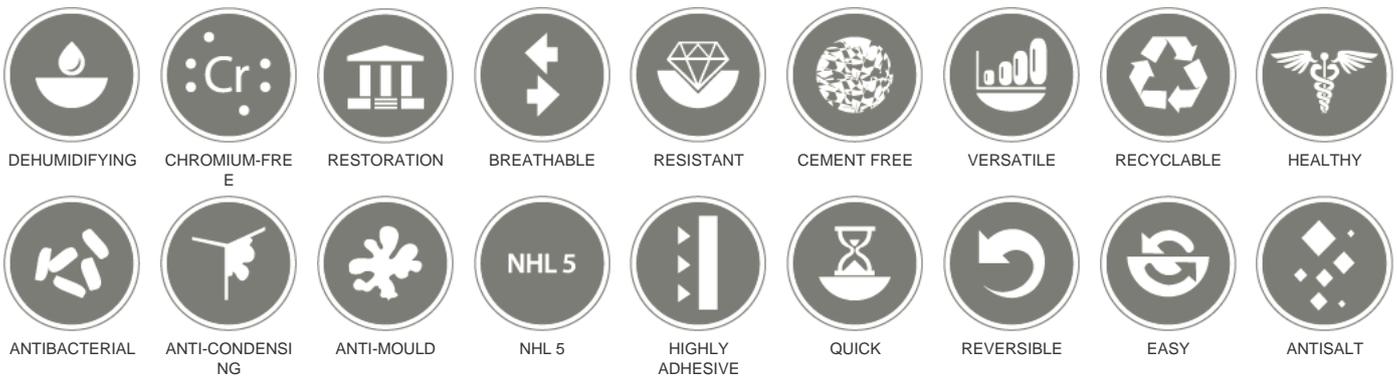




Renewal and dehumidification  
**SPRIZZO ANTISALE**

**SPRIZZO ANTISALE** is a Biocompatible repair and restoration mortar pre-packaged powder for internal and external use according to UNI EN 998-1. **SPRIZZO ANTISALE** is totally free of cement and compounds belonging to the clinker group and is made up of a mixture of pure limestone sands, screened with a continuous granulometric arc from 0 to 2.5 mm, and natural putty regulators of the final porosity. The only present binder is the ST ASTIER Pure Natural Hydraulic Lime **NHL 5** according to standard UNI EN 459-1. The lime NHL 5, white, is produced by baking siliceous limestones at temperatures below 1250°C and reduced in powder by calcium oxide only, without the addition of pozzolanic materials or hydraulic binders of any kind.



## FEATURES

**SPRIZZO ANTISALE** is a Biocompatible Mortar, pre-packaged as a preliminary rendering for all surfaces with rising damp that require an absorption regulator layer. It is also capable of performing a blocking action against the appearance of soot spots on the masonry and enhances the vaporization capacity of the wall without causing damage due to the presence of dissolved salts and water vapour pressure. To fulfil these functions, **SPRIZZO ANTISALE** has unbeatable adhesion characteristics and maintains high breathability thanks to the content of natural putties.

## FIELDS OF APPLICATION

**SPRIZZO ANTISALE** is specific for the formation of rough coats could uniformise and regularise the surface absorption on which the actual plaster body will be applied. **SPRIZZO ANTISALE** must be applied on all surfaces with rising damp.

## APPLICATION

The application of **ANTISAL SPRING** must be preceded by careful cleaning of the masonry substrate in order to remove inconsistent parts, plaster residues and saline efflorescence. Such cleaning can be performed manually or mechanically with high pressure water cleaner. **SPRIZZO ANTISALE** can be applied manually with float and trowel or bucket plastering machine, or mechanically using a traditional peristaltic pump or screw plastering machine (stator/rotor D5-2.5 PFT). In the case of application with a plastering machine the pipe length must not exceed 20 m and the prevalence must not exceed 6 m. **SPRIZZO ANTISALE** is pre-packaged and mixed only with about 6-7 l of water per bag depending on the desired consistency. The application thickness should not be less than 1 cm and the surface to be treated must extend at least 1.0 m beyond the obvious degradation line. The **SPRIZZO ANTISALE** must be left rough in order to generate the best adhesion conditions of the next plaster layer. Before proceeding with the following applications wait about 5 days.

## TECHNICAL DATA

PRODUCT TYPE	Repair and restoration mortar (R) for internal and external use complying with the standard UNI EN 998-1
GRAIN SIZE CURVE (EN 1015-1)	0 - 2.5 mm
pH OF THE MIXTURE	> 12.5
FRESH MORTAR APPARENT DENSITY (EN 1015-6)	1900 kg/m <sup>3</sup>
DRIED MORTAR APPARENT DENSITY (EN 1015-10)	1600 kg/m <sup>3</sup>
APPARENT DENSITY IN PILE	about 1390 kg/m <sup>3</sup>
COMPRESSIVE STRENGTH (EN 1015-11)	category CS II
FLEXURAL STRENGTH (EN 1015-11)	0.80 N/mm <sup>2</sup>
ADHESION (EN 1015-12)	> 0.6 N/mm <sup>2</sup> FP-B
WATER VAPOUR PERMEABILITY COEFFICIENT (EN 1015-19)	$\mu < 15$
WATER ABSORPTION THROUGH CAPILLARITY (EN 1015-18)	> 0.35 [Kg (m <sup>2</sup> min0.5)]
WATER PENETRATION (AFTER THE CAPILLARITY ABSORPTION TEST) (EN 1015-18)	< 5 mm
INITIAL SETTING TIME AT 20°C 65% U.R.:	14 h
FINAL SETTING TIME AT 20°C 65% U.R.:	26 h
THERMAL CONDUCTIVITY (EN 1745:2002 TABLE A 12)	0.54 W/mK (tabulated value)
FLAME RESISTANCE (EN 13501-1)	A1 class
MIXING WATER	6-7 l per bag
CONSUMPTION	15 kg/m <sup>2</sup> 1 cm thick
THICKNESS PER COAT	1 cm
PACKAGING	25 kg bag
PALLET	48 bags, 1200 kg
STORAGE	Keep in dry place for 18-24 months in original package
APPLICATION TEMPERATURE	from +5°C to +32° C
REACH CLASSIFICATION	See SDS

## WARNINGS

- Product for professional use.
- Do not modify the product.
- Store the product in a dry place in the original sealed packages.
- Before using the product refer to the Safety Data Sheet.
- The data given correspond to the technical and application knowledge we have for proper use of the product, so it is recommended to carry out a practical test prior to in order to verify the suitability of the product for its intended use and consumption.
- Protect the surfaces from atmospheric phenomena, sun, wind, rain and frost.
- Since our company is not the executor of the works and can not intervene directly on the construction site conditions and on the methods of work execution, the indications given are to be considered as indicative and general, and therefore not binding for the same.
- The Company reserves the right to make the changes at any time without notice when it deems necessary.
- For more information and practical product demonstrations please consult our technical service.
- Always refer to the updated versions of the technical data sheets available at [www.tcs-srl.it](http://www.tcs-srl.it).