

# SPRIZZO ANTISALE

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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.

- Deumidificante
- Privo di cromo
- Restauro
- Traspirante
- Resistente
- Privo di cemento
- Versatile
- Riciclabile
- Salubre
- Antibatterico
- Anticondensa
- Antimuffa
- NHL 5
- Elevata adesione
- Veloce
- Reversibile
- Facile
- Antisale



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## 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.

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## 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.

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## Avvertenze

- 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).

## Technical Data

**PRODUCT TYPE:** Repair and restoration mortar (R) for internal and external use complying with the standard UNI EN 998-1

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**GRAIN SIZE CURVE (EN 1015-1)** 0 - 2.5 mm

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**pH OF THE MIXTURE** > 12.5

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**FRESH MORTAR APPARENT DENSITY (EN 1015-6)** 1900 kg/m<sup>3</sup>

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**DRIED MORTAR APPARENT DENSITY (EN 1015-10)** 1600 kg/m<sup>3</sup>

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**APPARENT DENSITY IN PILE** about 1390 kg/m<sup>3</sup>

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**COMPRESSIVE STRENGTH (EN 1015-11)** category CS II

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**FLEXURAL STRENGTH (EN 1015-11)** 0.80 N/mm<sup>2</sup>

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**ADHESION (EN 1015-12)** > 0.6 N/mm<sup>2</sup> FP-B

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**WATER VAPOUR PERMEABILITY COEFFICIENT (EN 1015-19)**  $\mu$  <15

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**WATER ABSORPTION THROUGH CAPILLARITY (EN 1015-18)** > 0.35 [Kg (m<sup>2</sup> min<sup>0.5</sup>)]

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**WATER PENETRATION (AFTER THE CAPILLARITY ABSORPTION TEST) (EN 1015-18)** < 5 mm

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**INITIAL SETTING TIME AT 20°C 65% U.R.** 14 h

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**FINAL SETTING TIME AT 20°C 65% U.R.** 26 h

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**THERMAL CONDUCTIVITY (EN 12667)** lambda<sub>D</sub> 0.54 W/mK (tabulated value)

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**FLAME RESISTANCE (EN 13501-1)** A1 class

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**MIXING WATER** 6-7 l per bag

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**CONSUMPTION** 15 kg/m<sup>2</sup> 1 cm thick

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**THICKNESS PER COAT** 1 cm

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**PACKAGING** 25 kg bag

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**PALLET** 48 bags, 1200 kg

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**STORAGE** Keep in dry place for 18-24 months in original package

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**APPLICATION TEMPERATURE** from +5°C to +32° C

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**REACH CLASSIFICATION** See SDS