

SPRIZZO PONTE DI ADESIONE

SPRIZZO Ponte di adesione is a Biocompatible repair and restoration mortar, pre-packaged powder for internal and external use according to UNI EN 998-1. SPRIZZO is totally free of cement and compounds belonging to the clinker group and consists of a mixture of pure limestone sands, screened with continuous granulometric arc from 0 to 2.5 mm, and higher quality compounds which improve adesione properties to the substrate. The only present mineral binder is 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 only the break down of calcium oxide, without the addition of pozzolanic materials or hydraulic binders of any kind.

- Dehumidifying
- Environment Friendly
- Slag Free
- Restoration
- Breathable
- Resistant
- Cement Free
- Recyclable
- Without Ashes
- Healthy
- Antibacterial
- Antibatterico
- Highly Adhesive
- Quick
- Reversible
- Easy
- Green Building



Features

SPRIZZO Ponte di adesione is a biocompatible mortar, pre-packaged, used as a preliminary rendering on all those compact or poorly absorbent surfaces which require an adhesive layer for the laying of the actual plaster. It is also used on those subbases which require a levelling layer to overcome small physical discontinuities. To fulfil these functions, SPRIZZO Ponte di ADESIONE has unbeatable characteristics of adhesion and consists of aggregate with coarse granulometry with few fine elements to ensure the easy obtaining of a rough surface which will act as adhesion layer.

Fields of application

SPRIZZO Ponte di ADESIONE is specific for the formation of rough coats which could generate a connection between the substrate and the actual plaster body. SPRIZZO Ponte di ADESIONE must be applied on all the compact or poorly absorbent surfaces (solid blocks or concrete cables and expanded clay pebbles, concrete block cells, lime or cement based substrates, reinforced concrete structures, magnesium wood).

Application

SPRIZZO Ponte di Adesione 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 Ponte di Adesione, is pre-packaged and mixed only with about 6-8 l of water per bag depending on the desired consistency. To achieve the maximum adhesion to the substrate, the excellent consistency of the repair and restoration mortar must be fluid. Application thickness should not exceed 0.5 cm per single coat.

The surface treated with SPRIZZO Ponte di Adesione must be left rough in order to ensure perfect adhesion of the following plaster layers. Wait 24 hours before laying the following Plaster layers, in order to ensure the perfect grip and adhesion to the surface of the SPRIZZO Ponte di adesione.

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.

Technical Data

PRODUCT TYPE: Masonry mortar for general purposes (GP) for indoor and outdoor 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/m³

DRIED MORTAR APPARENT DENSITY (EN 1015-10) 1600 kg/m³

APPARENT DENSITY IN PILE 1312 kg/m³

COMPRESSIVE STRENGTH (EN 1015-11) category CSII

FLEXURAL STRENGTH (EN 1015-11) 1.33 N/mm²

ADHESION (EN 1015-12) 0.35 N/mm² FP-B

WATER VAPOUR PERMEABILITY COEFFICIENT (EN 1015-19) $\mu < 18$

WATER ABSORPTION THROUGH CAPILLARITY (EN 1015-18) W0

INITIAL SETTING TIME AT 20°C 65% U.R.: 13 h

FINAL SETTING TIME AT 20°C 65% U.R.: 23 h

THERMAL CONDUCTIVITY (EN 12667): lambdaD 0.54 W/mK (tabulated value)

FLAME RESISTANCE (EN 13501-1) A1 class

MIXING WATER 6-8 l per bag

CONSUMPTION 1,4 kg/m²/mm di spessore (spessore min 4 mm)

THICKNESS PER COAT 0,5 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