

## Sanatigh

Dehumidifying, restoring, macroporous plaster based on hydraulic lime



This macroporous, breathable, dehumidifying, fibre-reinforced plaster, with a base of natural hydraulic lime NHL 3.5, is for the dehumidification and hygrometric restoration of buildings and masonry, in works on green buildings, for new constructions and in the restoration of historic and monumental buildings.

**CUSTOMS CODE:** 3824 5090

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Light rosé (7,5 YR 8/2 Munsell®)

**PACKAGING AND DIMENSIONS:** Bag 25 kg - Pallet: 50 x (Bag 25 kg)

### OBTAINED CERTIFICATIONS AND REGULATIONS



### FEATURES AND BENEFITS

Sanatigh is a product consisting of hydraulic lime, botticino, kaolin, very fine calcium, expanded lightweight aggregates of volcanic origin, fiber-reinforced with special glass microfibres and fibers Readymesh PM 060. It has high hygroscopicity and breathability, contains no cements, resins, solvents and radioemissive substances. It has strong dehumidifying capacities and, thanks to the total absence of cement, is perfectly compatible with all types of masonry and especially with the historical walls and in all the interventions designed according to the canons of green building.

### FIELDS OF APPLICATION

Breathable dehumidifying plastering for wall bodies.

### ALLOWED SUPPORTS

Concrete - Bricks - Mixed walls (bricks and stones) - Brickworks - Stone walls



## PREPARATION OF SUPPORTS

Removal of crumbling plaster, if present, up to a maximum height of about 1 metre, with respect to the line of persistent humidity; wall bodies of application must in any case be clean, intact, dust-free, fouling, crumbling and non-adhering parts, conveniently saturated with water until they reach the condition of "saturated with dry surface". In the presence of salt efflorescence it will be necessary to ensure it is carefully removed by applying packs of the specific detergent and saline converter Deterg-A, in solution with water of 1:4. To prevent any new spills of salts, use specific universal anti-saline treatments in aqueous solution, Sanareg, for humid surfaces, or solvent-based, FEST SALZ, for cohesive saline concretions but with perfectly dry surfaces.

## MODE OF USE

**PREPARATION OF THE WALL SURFACE** • Remove all inconsistent, friable and rotten material, and grouting from joints, paying utmost attention where they are particularly friable or inconsistent (see also the paragraph on PREPARING SUPPORTS). • In case of strong salt concentrations, read the paragraph on PREPARING SUPPORTS. **ROUGH COAT** The sprayed rough coat must create a rough, corrugated surface to facilitate the adhesion of the following plaster, which must be applied promptly; within 1 - 2 days from the application of the rough coat. This adhesion spray must be applied with a low thickness (of a few millimetres) using a plastic-fluid consistency, and can be applied with the same Sanatigh product mixed with about 20% water. In case of particularly deteriorated masonry, it is recommended to use a specific Untersana product to make the rough coat. **PLASTER** The following application of Sanatigh must be made before the complete hardening of the rough coat (within 24-48 hours if the rough coat is made with Sanatigh, and 12-24 hours if made with Untersana). Put about 2/3 of the mixing water into the mixer, and then gradually add Sanatigh and the remaining water, continuing to mix into a homogeneous, lump-free mixture of the desired consistency for trowel or plastering machine application. Indicatively, the necessary mixing water is 16-18% by weight (i.e. 4 - 4.5 litres per 25 kg bag). Application can be performed by manual (trowel, plastering trowel) or mechanical spray methods. In case of application with a plastering machine, in order to allow adequate and homogeneous product mixing, it is recommended to not use machines with a continuous cycle, and to adjust nozzle, air and spray power in order to softly and lightly apply the product without excessive compaction. **SKIMMING** Levelling of plastered surfaces with Sanastof: green-construction fine, highly breathable mortar, natural hydraulic lime based with special, light, spherical micro-aggregates and high strength microfiber Readymesh PM 060. Protect surfaces from fresh direct exposure to sunlight, from the rain and wind. Cure the prolonged moist hardening. For thicknesses in excess of the 2 cm, and to improve the anti-cracking potential, provide for inserting a suitable reinforcement plaster-holding mesh: ARMAGLASS 140 o, recommended, a galvanized steel wire mesh with 2mm diameter, mesh 5x5 cm.


## APPLICATION METHODS

Brick trowel - Finishing trowel - Plastering machine - Pump

## TOOL CLEANING

Water

## KEY FEATURES

-  Highlighted product
-  Min. recommended thickness: 2 cm
-  Shelf-life: 12 months
-  Maximum diameter of aggregate: 1.5 mm
-  Mix with water: 16-18 %
-  Temperature of use: +6 / +30 °C



## TECHNICAL SPECIFICATIONS

UNI EN 1015-11

Compressive strength > **3 N/mm<sup>2</sup>**

EN 13501-1

Reaction to fire **A1**

UNI EN 1015-6

Density **1400 kg/m<sup>3</sup>**

UNI EN 1015-18

Capillary absorption **0.73 kg•h<sup>0.5</sup>/m<sup>2</sup>**

UNI EN 1015-11

Flexural strength > **1 N/mm<sup>2</sup>**

EN 13412

Static elastic modulus **1500 N/mm<sup>2</sup>**

UNI EN 1015-19

Breathability **9 μ**

UNI EN 1542

Bonding force **0.15 N/mm<sup>2</sup>**

## CONSUMPTION

Approximately 13 kg/m<sup>2</sup> of Sanatigh for every centimetre of thickness to be implemented (minimum thickness 2 cm = 26 kg/m<sup>2</sup>).

## STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.

## PHOTO GALLERY



## ADDITIONAL CONTENT



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