



Family
Intotech

Type
Traditional, dehumidifying and heat-insulating plasters based on Natural Hydraulic Lime (NHL) 3.5

Product Lines
• **Building**
• **Opus**
• **Sanageb**

Functional Categories
• **Masonry plastering with plasters and skims**
• **Renewal of wet masonry with waterproofing plasters**

Components
Single-component

Appearance
Powder

INT.0165

SANATIGH

Dehumidifying, restoring, macroporous plaster based on hydraulic lime

Customs Code

3824 5090

Packaging

- Bag 25 kg
- Pallet: 50 x (Bag 25 kg)

Application

- Brick trowel
- Finishing trowel
- Plastering machine
- Pump

Certifications and legislations



EN 998-1

Specification for Mortar for Masonry - Mortars for renovations (R)

General description

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.

General features

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.

Dosage

Approximately 13 kg/m² of SANATIGH for every centimetre of thickness to be implemented (minimum thickness 2 cm = 26 kg/m²).

Fields of application

Breathable dehumidifying plastering for wall bodies.

Basic features



Highlighted product



Maximum diameter of aggregate:
1.5 mm



Min. recommended thickness:
2 cm



Mix with water:
16-18 %



Shelf-life:
12 months



Temperature of use:
+6 / +30 °C



Available colours
Light rosé (7,5 YR 8/2 Munsell®)

Technical specifications

Bonding force (UNI EN 1542): 0.15 N/mm²

Breathability (UNI EN 1015-19): 9 µ

Capillary absorption (UNI EN 1015-18): 0.73 kg•h^{0.5}/m²

Compressive strength (UNI EN 1015-11): > 3 N/mm²

Density (UNI EN 1015-6): 1400 kg/m³

IF YOU WANT TO SOLVE IT


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Flexural strength (UNI EN 1015-11): > 1 N/mm²

Reaction to fire (EN 13501-1): A1 _

Static elastic modulus (EN 13412): 1500 N/mm²

Tools cleansing

- Water

Applicable on

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

Substrate preparation

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.

Instructions for 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.

Storage and preservation

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.



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Warnings, Precautions and Ecology

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

SANATIGH is produced/distributed by



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