



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



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Family
Intotech

Product Lines

- Building
- Opus
- Sanageb

Components
Single-component

Type
Hydraulic lime based plasters

Functional Categories

- Masonry plastering with plasters and skims
- Renewal of wet masonry with waterproofing plasters

Appearance
Powder

Certifications and legislations



EN 998-1

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



Sanageb - Prodotti naturali per la Bioedilizia

Product of the Sanageb line, the line of products from Azichem Srl dedicated to green-building, ecological sanitation, thermal insulation and energy saving products since 1994.

General description

Macroporous plaster, for ecological building, fibre-reinforced, based on hydraulic lime, for dehumidification and hygrometric rehabilitation of buildings and walls, in ecological building interventions, new buildings and in the restoration of vintage buildings and monuments.

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.

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 hazel

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): > 4.5 N/mm²

Density (UNI EN 1015-6): 1400 kg/m³

Flexural strength (UNI EN 1015-11): 2.2 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

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.

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.

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

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

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.

SANATIGH is produced/distributed by



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