



INT.0280

SANALINK

Hydraulic lime and natural light aggregate based fibre-reinforced mortar

Customs Code

3824 5090

Packaging

- Bag 25 kg

Application

- Brick trowel



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Family
Intotech

Product Lines

- Building
- Sanageb

Components
Single-component

Type

Bedding mortar for brickwork, bricks and stones

Functional Categories

Appearance
Powder

Certifications and legislations



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.



EN 998-2

Masonry mortars - Masonry mortar for general purposes (G)

General description

Hydraulic lime and natural light aggregate based fibre-reinforced mortar. It has high water vapor permeability characteristics, low bulk density (reduced thermal conductivity) and limited water permeability. Ideal for the construction of internal and external walls and masonry for new buildings, the renovation of existing buildings, green construction and the restoration of antique and monumental buildings.

General features

SANALINK has exceptionally strong water vapour permeability and adhesive properties and a particularly low elastic modulus. Its reduced bulk density makes it particularly advantageous in determining the thermal values of the masonry, thanks to the thermal conductivity values, inferior to conventional cement mortars or lime based. It has physical, chemical and aesthetic properties very similar to antique mortars and is composed of raw materials of natural origin. The combined use of natural binders, micro-fibres and light inert pozzolanic materials guarantees high quality performance in terms of ductility, chemical resistance and water vapour permeability. It can be used for brickwork, tuff, stone and mixed masonry walls and is therefore recommended for the restoration of antique masonry, green construction and, in general, quality interior and exterior constructions.

Dosage

Approximately 17 kg/m² of SANALINK for every centimetre of thickness to be implemented (approximately 1700 kg per cubic metre).

Fields of application

Mortar used for the construction and rehabilitation of interior and exterior masonry in solid or perforated concrete blocks, perforated bricks, solid bricks, tuff, natural stone and stone blocks in general.

Basic features



Maximum diameter of aggregate:
5 mm



Mix with water:
12-16 %



Shelf-life:
12 months



Available colours
White

Technical specifications

Capillary absorption (UNI EN 1015-18): 0.27 kg/(m² • h^{0.5})

Chloride content (UNI EN 1015-17): 0.0094 %

Compressive strength (UNI EN 1015-11): > 20 N/mm²

Density (UNI EN 1015-6): 1980 kg/m³

Dry density (UNI EN 1745): 1560 kg/m³

Flexural strength (UNI EN 1015-11): > 4 N/mm²

Permeability to water vapor (EN 1745): 15/35 µ

Thermal conductivity (EN 1745): 0.67 W/m*K

Water penetration after capillary absorption (UNI EN 1015-18): 1.7 mm

Tools **cleansing**

- Water

Applicable on

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

Substrate **preparation**

Application surfaces must be clean, free of dust, contamination, crumbling, inconsistencies, etc., and adequately saturated-surface-dry with water.

Instructions for use

Add approximately out 2/3 of the mixing water to the mixer and gradually add SANALINK and the rest of the water until a homogeneous, lump-free mixture of the desired consistency is obtained. The required mixing water is approximately 12-16% by weight (approximately 3.5 litres per 25 kg bag). Application can be manual (trowel) or mechanized (pumps, extruders, etc.).

Storage and preservation

Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity. Store the product at a temperature between +10°C and +30°C.



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.



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