



INT.0280

SANALINK

Hydraulic lime and natural light aggregate based fibre-reinforced mortar

Customs Code

3824 5090

Packaging

- Bag 25 kg

Application

- Brick trowel

Family
Intotech

Product Lines

- Building
- Sanageb

Components
Single-component

Type

Bedding mortar for brickwork, bricks and stones

Functional Categories

- **Structural strengthening of masonry in historic buildings**
- **Decorative, strengthening joints of exposed masonry**

Appearance

Powder

Certifications and legislations



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

IF YOU WANT TO SOLVE IT


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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 1.7 mm
1015-18):

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

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.

SANALINK is produced/distributed by



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