

## Sanalink

### Hydraulic lime and natural light aggregate based fibre-reinforced mortar



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.

**CUSTOMS CODE:** 3824 5090

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Light hazel

**PACKAGING AND DIMENSIONS:** Bag 25 kg

### OBTAINED CERTIFICATIONS AND REGULATIONS



### FEATURES AND BENEFITS

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.

### 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.

### ALLOWED SUPPORTS

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



## PREPARATION OF SUPPORTS

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

## MODE OF 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.).

## APPLICATION METHODS


Brick trowel


## TOOL CLEANING

Water

## KEY FEATURES

 Maximum diameter of aggregate: 5 mm

 Shelf-life: 12 months

 Mix with water: 12-16 %

## TECHNICAL SPECIFICATIONS

*UNI EN 1015-11*  
Compressive strength > **15 N/mm<sup>2</sup>**

*UNI EN 1015-6*  
Density **1670 kg/m<sup>3</sup>**

*UNI EN 1015-18*  
Water penetration after capillary absorption > **1.5 mm**

*UNI EN 1745*  
Dry density **1100 kg/m<sup>3</sup>**

*EN 1745*  
Thermal conductivity **0.45 W/mK**

*UNI EN 1015-11*  
Flexural strength > **3.5 N/mm<sup>2</sup>**

*UNI EN 1015-18*  
Capillary absorption **0.27**

*UNI EN 1015-17*  
Chloride content **0.001 %**

*EN 1745*  
Permeability to water vapor **20 μ**

## CONSUMPTION

Approximately 17 kg/m<sup>2</sup> of Sanalink for every centimetre of thickness to be implemented (approximately 1700 kg per cubic metre).

## STORAGE AND CONSERVATION

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.



## PHOTO GALLERY



## ADDITIONAL CONTENT



## WARNINGS AND PRECAUTIONS

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.

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