

## Sanalit

### Lime-based conglomerate for lightweight, insulating slabs and screeds



Fiber-reinforced premix, based on hydraulic lime, light aggregates with high communicating porosity and cork flours, for the realization, with the sole addition of water, of screeds and lightweight substrates, with high thermal and acoustic insulation, in green building interventions and in restoration of period and monumental buildings. Sanalit screeds, packaged according to the specifications shown in this technical data sheet, are classified C5-F1-A22 in accordance with European standard EN 13813.

**CUSTOMS CODE:** 3824 5090

**COMPONENTS:** Single-component

**APPEARANCE:** Powder

**AVAILABLE COLORS:** Light gray

**PACKAGING AND DIMENSIONS:** Bag 13 kg - Pallet: 50 x (Bag 13 kg)

### OBTAINED CERTIFICATIONS AND REGULATIONS



### FIELDS OF APPLICATION

For laying subbase screeds in high performance thermo-acoustic ecological buildings.

### ALLOWED SUPPORTS

Concrete - Floor screed

### PREPARATION OF SUPPORTS

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc., conveniently saturated with water until they reach the condition "saturated with dry surface".

### MODE OF USE

Pour about 2/3 of the mixing water into the mixer. Gradually add Sanalit and the water still needed, by mixing until a homogeneous lump-free mixture of the desired consistency is obtained. Support the product at the reference height and float until a smooth and planar surface is obtained, preparing the joints beforehand where necessary. The mixing water indicatively necessary is equal to 65-75% by weight (8.5 -9.5 litres per 13 kg bag).



## APPLICATION METHODS

Finishing trowel - Pump - Spatula - Straight edge

## TOOL CLEANING

Water

## KEY FEATURES



Maximum diameter of aggregate: 2.5 mm



Mix with water: 25 - 35 %



Pot-life: 60 mm



Shelf-life: 12 months



Temperature of use: +6 / +30 °C

## TECHNICAL SPECIFICATIONS

*UNI EN 1015-11*

Compressive strength after 7 days **4.0 MPa**

*UNI EN 1015-11*

Compressive strength after 28 days > **5.0 MPa**

*UNI EN 1015-11*

Flexural strength after 7 days **1.0 MPa**

*UNI EN 1015-11*

Flexural strength after 28 days > **1.6 MPa**

Reaction to fire **A1**

*UNI EN 1745 - EN 12664*

Thermal conductivity **0.21 W/mK**

*UNI EN 1015-6*

Density **1150 kg/m<sup>3</sup>**

*UNI EN 1015-18*

Capillary absorption **0.50 kg•h<sup>0.5</sup>/m<sup>2</sup>**

pH **12**

*UNI EN 1542*

Bonding force **0.5 N/mm<sup>2</sup>**

*UNI EN 1015-19*

Breathability **11 μ**

## CONSUMPTION

Approximately 6 kg/m<sup>2</sup> of Sanalit for every centimetre of thickness to be implemented (approximately 600 kg per cubic metre).

## STORAGE AND CONSERVATION

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.



## PHOTO GALLERY



## ADDITIONAL CONTENT



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## WARNINGS AND PRECAUTIONS

It is always essential to carry out preliminary tests to check the appropriateness of the product, depending on specific requirements.

Protect fresh surfaces from direct exposure to sunlight, from the rain and the wind, and cure the prolonged moist hardening.

Please note that Sanalit is only intended as a subbase for subsequent cement or lime-based slabs. It should not be used as a top trampling layer. 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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It is forbidden to dispose of the product and/or packaging in the environment.

