



FLR.0157

SANALIT

Lime-based conglomerate for lightweight, insulating slabs and screeds

Customs Code

3824 5090

Packaging

- Bag 13 kg

Application

- Finishing trowel
- Pump
- Spatula
- Straight edge

Family
Floortech

Product Lines
• Building
• Sanageb
• Floor

Components
Single-component

Type
Subbase screeds

Functional Categories
• **Construction of subbase and self-leveling screeds**

Appearance
Powder

Certifications and legislations



EN 13813

Screed material and floor screeds - Screed material - Properties and requirements

General description

Ready-to-use, reinforced concrete conglomerate, based on hydraulic lime and granular perlite, for the construction, with only addition of water, of lightweight slabs and screeds, with high thermal and acoustic insulation, for ecological building interventions and in the restoration of vintage buildings and monuments.

Dosage

Approximately 6 kg/m² of SANALIT for every centimetre of thickness to be implemented (approximately 600 kg per cubic metre).

Fields of application

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

Basic 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



Available colours
Light hazel

Technical specifications

Bonding force (UNI EN 1542): 0.5 N/mm²

Breathability (UNI EN 1015-19): 11 μ

Capillary absorption (UNI EN 1015-18): 0.50 kg•h^{0.5}/m²

Compressive strength after 07 days (UNI EN 1015-11): 4.0 MPa

Compressive strength after 28 days (UNI EN 1015-11): > 5.0 MPa

Density (UNI EN 1015-6): 950 kg/m³

Flexural strength after 07 days (UNI EN 1015-11): 1.0 MPa

Flexural strength after 28 days (UNI EN 1015-11): > 1.6 MPa

pH 12

Reaction to fire: A1 _

*Thermal conductivity λ: 0.073 W/m*K*

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Tools cleansing

- Water

Applicable on

- Concrete
- Floor screed

Substrate preparation

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".

Instructions for 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).

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

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.

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.

SANALIT is produced/distributed by



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