

## Sanascreed

Ready-to-use conglomerate, for building lime-based slabs and screeds



Walkable screed based on hydraulic lime, silico-calcareous aggregates with a maximum grain size of 5 mm and light aggregates with pozzolanic activity, fiber-reinforced with polypropylene and glass microfibres, used for the construction, with the addition of water, of resistant screeds and substrates, in green building interventions and in the restoration of period 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



### FIELDS OF APPLICATION

Laying slabs and screeds based on hydraulic lime.

### ALLOWED SUPPORTS

Concrete

### 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 Sanascreed and the water still required, continue to mix 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 18-20% by weight (4.5 -5 litres per bag 25 kg).



## APPLICATION METHODS


Finishing trowel - Pump - Spatula - Straight edge


## TOOL CLEANING

Water


## KEY FEATURES

 Maximum diameter of aggregate: 5 mm

 Mix with water: 18-20 %

 Temperature of use: +6 / +30 °C

 Min. recommended thickness: 2 cm

 Pot-life: 60 min

## TECHNICAL SPECIFICATIONS

*UNI EN 1015-11*

Compressive strength after 1 day > **5 MPa**

*UNI EN 1015-11*

Compressive strength after 28 days > **24 MPa**

*UNI EN 1015-11*

Flexural strength after 7 days > **4.5 MPa**

pH **12**

*UNI EN 1015-12*

Bonding force > **1.2 MPa**

*UNI EN 1015-11*

Compressive strength after 7 days > **18 MPa**

*UNI EN 1015-11*

Flexural strength at 1 day > **1.5 MPa**

*UNI EN 1015-11*

Flexural strength after 28 days > **5.5 MPa**

*EN 13142*

Static elastic modulus **14000 MPa**

*UNI EN 1015-6*

Density **1950 kg/m<sup>3</sup>**

## CONSUMPTION

Approximately 17 kg/m<sup>2</sup> of Sanascreed for every centimetre of thickness to be implemented (approximately 1700 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



## WARNINGS AND PRECAUTIONS

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

Protect fresh surfaces from direct exposure to sunlight and cure the protection and moist hardening. 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](http://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](http://www.azichem.com).

It is forbidden to dispose of the product and/or packaging in the environment.

