



Family
Consilex

Type
Water based silicate solutions

Product Lines
• **Building**
• **Opus**
• **Sanageb**

Functional Categories
• **Surface strengthening of masonry and plasters**
• **Deep strengthening of surfaces in natural stone and stone cladding**

Components
Single-component

Appearance
Liquid

CSX.0334

CONSILEX IDROFIX

Water-based consolidating product for stone, brick and concrete

Customs Code

3824 9970

Packaging

- Plastic can 5 kg
- Plastic can 10 kg

Application

- Low pressure airless nebulizer
- Brush

General description

CONSILEX IDROFIX is a liquid and inorganic product that was created for the protective, consolidating and reducing porosity treatment of concrete, mineral, brick and stone substrates. It guarantees optimal durability and adhesion strength, resistance to UV rays, chemical agents and mechanical stress. The result of the application allows to obtain a rapid hardening of the surface as well as to a revived and homogeneous aspect of the same. The product is part of the Sanageb line (natural products for green building), being a consolidator of depth with negligible environmental impact thanks to the low VOC content (<50 g / l). The product is practically odorless.


Dosage

From 0,20 to 1,00 kg of CONSILEX IDROFIX per square meter of surface to be treated, based on the porosity of the support.


Fields of application


Protective, reinforcing, water repellent treatments of concrete, mineral and stone supports. Specific product for revitalizing, simultaneously providing a great consolidation and an annulment of the dust produced in concrete supports, interstices, brick, stone or mixed arches, present in taverns, public premises and of historic monuments interest.


Basic features

 Density:
1.19-1.21 kg/l

 Nonflammable

 Solvent-free

 Temperature of use:
+5 / +40 °C

 Available colours
Transparent

Technical specifications

Chloride content EN 1015-17: < 0.05 %

Depth of penetration: 2-8 mm

Minimum penetration time: 30 min

pH: 11-12 _

Solids: 25-26 %

The product doesn't create film

VOC content: < 50 g/l

Walkable after: 24 h

IF YOU WANT TO SOLVE IT
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Tools cleansing

- Water

Applicable on

- Plasters
- Cement-based or lime-based mortars
- Tuff
- Mixed walls (bricks and stones)
- Stone walls
- Porphyry and natural stones
- Bricks

Substrate preparation

The application surfaces should be clean, free of incrustations, dust etc. A preliminary wash with distilled water or steam it's recommended.

Instructions for use

The support should be dry when applying. Apply the product as it is, with low pressure sprayer or brush with long bristles. Keep the substrate wet with CONSILEX IDROFIX for at least 20 minutes during application. If applied on floors, wait 24 hours before passing on the treated support. The reinforcing contribution will be completed after 2-3 weeks of treatment.

Storage and preservation

Protect from freezing. 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. Store the product at a temperature between +5°C and +35°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.



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CONSILEX IDROFIX is produced/distributed by



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