

## Consilex Idrofix

Water-based consolidating product for stone, brick and concrete



Liquid product based on lithium silicates, which was created for the protective, consolidating and porosity reducer treatment of concrete, mineral, brick and stone substrates. It guarantees optimal durability and adhesion strength, resistance to UV rays, chemical agents and mechanical stresses. The result of the application allows to obtain a rapid hardening of the surface as well as a revived and homogeneous appearance of the same. The product has a negligible environmental impact thanks to the low VOC content (<50 g / l) and is practically odorless.

**CUSTOMS CODE:** 3824 9970

**COMPONENTS:** Single-component

**APPEARANCE:** Liquid

**AVAILABLE COLORS:** Transparent

**PACKAGING AND DIMENSIONS:** Plastic can 5 kg - Plastic can 10 kg

### 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.

### ALLOWED SUPPORTS

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

### PREPARATION OF SUPPORTS

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

### MODE OF 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.

### APPLICATION METHODS


Low pressure airless nebulizer - Brush





## TOOL CLEANING


Water

## KEY FEATURES

 Density: 1.19-1.21 kg/l

 Solvent-free

 Nonflammable

 Temperature of use: +5 / +40 °C

## TECHNICAL SPECIFICATIONS

EN 1015-17

Chloride content < **0.05 %**

pH **11-12**

The product doesn't create film

Walkable after **24 h**

Depth of penetration **2-8 mm**

Active substance **25-26 %**

VOC content < **50 g/l**

Minimum penetration time **30 min**

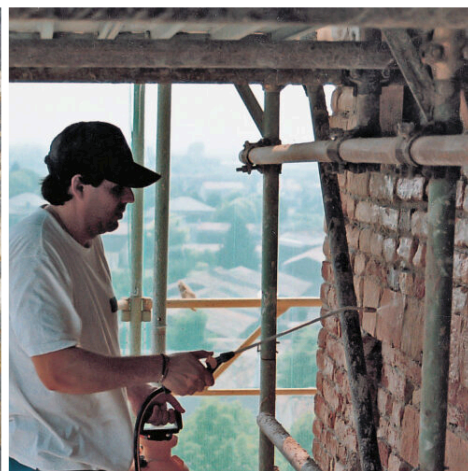
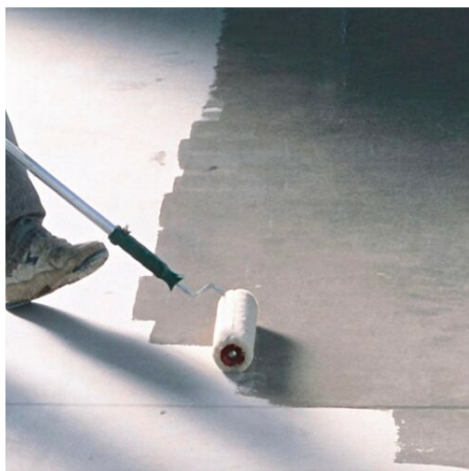
## CONSUMPTION

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.

## STORAGE AND CONSERVATION

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.

## PHOTO GALLERY



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## 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.

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.

