



CSX.0020

CONSILEX BARRIER-A

Silicone water repellent in an aqueous emulsion, for chemical barriers

Dosage

10 - 16 l/m/m
(Recommended: 13 l/m/m)

Packaging

- Plastic can 10 l
- Plastic can 25 l
- Plastic can 5 l

Application

- Injection
- Low pressure airless nebulize



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Family
Consilex

Product Lines
• **Opus**

Components
Single-component

Type
Water-based siloxane solutions

Functional Categories
• **Sanification of masonry by stopping the rising damp**

Appearance
Liquid

General description

Solution of special modified silicone resins, dispersed in water, hydrophilic in the application phase, hydrophobic and water repellent after reaction with atmospheric carbon dioxide.

Fields of application

Formation, by injection, of horizontal chemical barriers for stopping capillary rising damp in building renovation and damp brickwork; water repellent and reinforcing treatment with slightly alkaline porous building materials: bricks, tiles, terracotta and crude ceramic materials, etc.


Available colours

- Transparent

Basic features

 Density:
1.02 kg/dm³

 Shelf-life:
12 months

 Use wearing protective glasses

 Nonflammable

 Solvent-free

 Use wearing protective gloves

Tools cleansing

- Water

Applicable on

- Bricks
- Tuff
- Mixed walls (bricks and stones)
- Stone walls

Substrate preparation

Remove the existing plaster, only if necessary, up to at least one metre above the line of evident damp.

Draw a line parallel to the outside kerb or inside flooring, at a distance of about 10-15 cm from the same. Prepare drilling points at 12 cm distance from one another on the traced line. The inclination of the holes should be about 20° down. The depth of the holes should be approximately 4/5 the thickness of the wall to inject. The drill bit to be used must have a diameter of 18-20 mm. Once the holes are finished, the dust produced by drilling is required to be eliminated.

Instructions for use

The product can be diluted with demineralised water or with a hardness less than 35°F up to a maximum of 15-20% (it is recommended for use preferably without dilution). Proceed with the pure product or with the solution obtained, with low pressure injections by airless pump (manual or electric), directly into the designated holes in the masonry.

Consumption may vary depending on the characteristics of the masonry and its thickness. By way of example, for 50 cm thick masonry, the indicative consumption of the aqueous solution is between 5 and 8 l/m.

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.



Alternative uses of the product

The product can also be used effectively as water repellent treatment of masonry surfaces in general. In this case, apply the product as it is on dry porous media. Protect the treated surfaces from rain in the hours immediately following application.

Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

CONSILEX BARRIER-A requires an adequate and as lengthy an exchange as possible with the atmosphere, for the hydrophilic-hydrophobic transformation: schedule an adequate waiting time prior to sealing the injection holes and coating the brickwork. It is advisable to create the chemical barrier with CONSILEX BARRIER-A- when work commences at the construction site and to close the injection holes a few days before ends.

Apply on porous media, with pH not exceeding 8.

Protect glass and aluminium surfaces from contact with the product.

CONSILEX BARRIER-A is produced/distributed by



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