



CSX.0026

CONSILEX SAN

Re-alkalising, reinforcing,
protective, hardener for concrete

Customs Code

2839 9000

Dosage

0.2 kg /m²

Packaging

- Plastic can 5 kg
- Plastic can 10 kg
- Plastic can 25 kg

Application

- Sprayer
- Low pressure airless nebulize

Family
Consilex

Product Lines

- Infratech
- Sanageb

Type

Water based silicate solutions

Functional Categories

- **Repair and restoration of concrete structures with thixotropic mortars**
- **Block repair of concrete works with free-flowing mortars**
- **Structural maintenance of dams, reservoirs, ducts and water ducts**
- **Structural maintenance of bridges and viaducts**
- **Realkalinization and renovation of existing cement conglomerates**

Components

Single-component

Appearance

Liquid

General description

Reactive, colourless mineral solution for preliminarily re-alkalising and reinforcing concrete surfaces to be restored. It is an inorganic, mineral compound chemical affine with concretes. It reacts with alkali hydrates alkaline and with water, present in the porosity of concretes, mortars and plasters, forming stable silicate gels, which hermetically and lastingly seal the capillary lattice.

General features

CONSILEX SAN waterproofs and reinforces the conglomerate both at superficial level and in more internal layers, preventing the penetration of water, harsh solutions etc., it protects the structures from the consequences of freeze-thaw cycles, from harsh processes resulting from the use of antifrost de-icing salts in road works, further facilitating the removal of ice incrustations.

Fields of application

Through re-alkalisation, hardening, consolidation, conservative maintenance of plasters to base lime and cement, concrete, paving, reservoirs, pipes, tanks, vessels, bridges, viaducts, tunnels, retaining walls, parking areas, airport runways and motorway.

Available colours

- Transparent

Basic features



Density:
1.02 kg/dm³



Nonflammable



Shelf-life:
12 months



Temperature of use:
+5 / +35 °C

Tools cleansing

- Water

Applicable on

- Plasters
- Concrete
- Prefabricated concrete
- Fiber-cement

Substrate preparation

Accurate dedusting and saturation with water, for achieving the condition "dry surface saturation". Saturation is particularly important: the product reacts with substances placed in water solution and uses the same water for forming the gel.

Instructions for use

Spray-apply with a low pressure airless pump on cement surfaces to be treated.

For deep reinforcement, apply several coats taking care to apply each coat when the previous begins to dry out.



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Storage and preservation

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Protect from humidity.



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.

It can dull aluminium and glass surfaces, ceramised tiles, etc., which must then be protected by taping or other, during application.

Do not apply on mineral surfaces (like plaster and bricks) destined to be visible, without carrying out a preliminary test, as you latent salts may crystallise!

CONSILEX SAN is produced/distributed by



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