



CSX.0247

CONSILEX NO-RUST

Corrosion inhibitor by impregnation for concrete structures

Customs Code

3824 9970

Packaging

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

Application

- Suffuse
- Low pressure airless nebulizer
- Spraying

Family
Consilex

Product Lines

- Infratech
- Sanageb

Components

Single-component

Type

Anti-corrosion agents for concrete structures

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**
- **Structural maintenance of tunnels**

Appearance

Liquid

Certifications and legislations



Sanageb - Prodotti naturali per la Bioedilizia

Product of the Sanageb line, the line of products from Azichem Srl dedicated to green-building, ecological sanitation, thermal insulation and energy saving products since 1994.

General description

CONSILEX NO-RUST is a powerful non-toxic corrosion inhibitor, to be applied to the surfaces of concrete structures and which, thanks to its particular chemical nature, migrates within the conglomerate and deposits on its particular internal reinforcement substances that preserve their integrity over time, by inhibiting oxidation phenomena.

General features

CONSILEX NO-RUST performs its function effectively based on the migration phenomenon, which allows it to deposit on the reinforcement of the treated structure of particular corrosion inhibiting agents, even applied to the outer surface of the structure itself!

The particular formulation of CONSILEX NO-RUST allows its effectiveness not to be compromised by the presence of high levels of chlorides in the conglomerate. Alternative nitrite-based products, indeed, in the presence of chlorides, they may even have a negative effect on the corrosion of the reinforcing rods. CONSILEX NO-RUST, on the other hand, can be used effectively on concretes whose irons have already started to suffer corrosive effects and partial oxidation, also due to chlorides.

Dosage

Apply from 0.15 to 0.35 kg of CONSILEX NO-RUST per square metre of surface to be treated.

Fields of application

Preventive protection of existing concrete structures, such as public works, road works, buildings, hydraulic works, etc.

Basic features



Density:
1.03 kg/dm³



Shelf-life:
24 months



Solvent-free



Temperature of use:
>0 °C



Use wearing protective gloves



Available colours
Amber

Technical specifications

pH: 9.0-9.5 _

The product doesn't create film

IF YOU WANT TO SOLVE IT


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Tools cleansing

- Water

Applicable on

- Concrete
- Cement-based or lime-based mortars
- Prefabricated concrete

Substrate preparation

Thoroughly clean the support before applying the product, removing traces of fats, oils, dirt, incrustations, fouling, etc. Remove any paints, coatings, films or membranes that may be present on the surface: the product works by penetration, so it must come into direct contact with the surface of the concrete.

Instructions for use

Spray-apply on the surfaces to be treated. In the case of structures for which there is a risk that corrosion phenomena are already in progress, apply two coats. Allow the surface to dry for a few minutes after application.

Storage and preservation

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



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.

If you squirt the product accidentally on the glasses, paints, frames, etc., simply wash with abundant water.

In case the treated surface should then be treated or coated with paint or other coatings, please note that a thin layer of inhibitor may be deposited on the surface. In this case, wash with plenty of water and carry out preliminary adhesion tests on the coating that you intend to use. In case the tests fail, proceed with hydrocleaning or slightly sanding to remove any residue. Carry out preliminary tests in this case as well.



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CONSILEX NO-RUST is produced/distributed by



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