

TECHNICAL INFORMATION

CORROSTOP CONVERTIDOR DE ÓXIDO

Rust Converter

503-00375-013



DESCRIPTION

CORROSTOP Convertidor de Óxido is a rust converter specially designed to apply where corrosion cannot be eliminated with tools due to its difficult access and there is a need to use chemical means. However, it has a wider use since, when contacting iron rust, it reacts and stabilizes the treated area, producing a stable organo-metallic compound, which stops the steel oxidation process. Once dry, it forms a barrier protection film, preventing the oxygen from contacting the iron.

USE

This product can be applied indoors or outdoors on iron and carbon steel rust surfaces.

Structure	Metallic structure (columns, beams), Roofs, Aerial piping, gates, meshes or fences.
Exterior/Interior	Outdoor, Roofed Outdoors, Indoor.
Surface	Carbon steel, iron.

CHARACTERISTICS

PHYSICAL PROPERTY	DATA
Weight Solids (%)	18.5
pH	3 - 4
Weight per gallon (kg/gal)	3.40 - 3.60
Volume solids (%)	25.75
Viscosity Zahn Cup # 2 (s)	13 - 19
Theoretical yield (m ² /gallon)	35 - 40

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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PRESENTATIONS

AVAILABLE CONTAINERS

¼ gallon metal can (0.946 lt)

1 gallon metal can (3.785 lt)

AVAILABLE COLORS

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface Cleaning

Before applying, remove any dirt, such as dust, grease, or other contaminants, as they can affect the adhesion or performance of the finish.

Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old coat of paint.

Rust carbon Steel or Iron

Remove loose or poorly adhered oxide particles with hand or power tools. Clean up any residual dust from this process very well, but DO NOT use water. Apply a layer of **CORROSTOP Convertidor de Óxido 375-013 (rust converter)**, clean the excess and leave the product to act for at least 4 hours, so that a correct reaction is generated between converter and metal. This will form a dark layer on the surface applied.

Once dry, it should be coated with an anticorrosive primer and then, apply the appropriate SUR finish for the type of surface.

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 506-00375-013, CORROSTOP
CONVERTIDOR DE ÓXIDO

100%

Ready to use.
Does not need dilution.

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PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Brush

Roller

Brushing

Use natural or synthetic brushes in good condition and that do not shed bristles.

Roller application

Microfiber or splatter free roller felt.

Smooth Surface: 3/8 "or 1/2" felt.

Rough surface: 3/4" felt

Application conditions

Do not apply directly exposed to sunrays, rain, fog or heavy winds.

Don't paint when humidity is over 85%, or in a rainy day.

Number of layers and thickness

Number of Coats	1
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Drying times

Re-coat time	At least 4 hours for a complete reaction between Corrostop Convertidor de Óxido and rust. The changes caused by this product is shown by a dark layer appearing on applied areas.
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Application Conditions

Do not prepare a surface larger than can be covered in a short time to avoid contamination. In reinforcing steel (rebar), pour concrete within 24 hours after applying **Corrostop Convertidor de Óxido**. Once the rust is stabilized, treated surface should be covered within 24 hours.

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

OBSERVATIONS

- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of reach of children.
- ✓ Apply in a well ventilated area.
If you'll use more than one container, mix them in advance to correct any color differences.
- ✓ Do not wash a painted surface with abrasive detergents, it is better to use liquid detergent with enough water and a soft sponge.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

HEALTH

- ✓ User may need to wear the appropriate Personal Protective Equipment, which is detailed in the respective Safety Data Sheet (MSDS), available at <http://www.gruposur.com>
If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.

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