

TECHNICAL INFORMATION

CORROSTOP PRIMARIO DE POLIURETANO LOXORITE

AntiRust Polyurethane Primer

506-09000-390



DESCRIPTION

CORROSTOP PRIMARIO DE POLIURETANO LOXORITE is a primer formulated from polyurethane resins, providing excellent chemical and abrasion resistance, as well as fast drying. In addition, it has anti-corrosive pigments that act chemically, preventing rust appearance in highly aggressive environments. Easy to apply, has good wetting, high adherence and high solids. It does not contain toxic metals.

USE

It can be applied on iron surfaces in moderately aggressive environments indoors or outdoors. Once dry, it must be covered within 22 days with an alkyd or acrylic finish suitable for the surface.

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

CHARACTERISTICS

SPECIAL PROPERTIES

Appearance	SATIN
Hiding Power	● ● ● ● ●

PHYSICAL PROPERTY

DATA

Weight Solids (%)	76 - 78
Weight per gallon (kg/gal)	5.0 - 5.2
Volume solids (%)	61 - 63
Stormer Krebs Viscosity (Ku)	90 - 95
Theoretical yield (m ² /gallon)	62m ² @ 1,5mils

Definition of theoretical yield: Maximum surface that a paint can cover under ideal conditions. Practical performance varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

Note: values expressed in a 1 to 5 scale, where 5 is better.

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)
5 gallon plastic bucket (18.925 lt)

AVAILABLE COLORS

Loxorite Rojo 390 (Red)
Loxorite Gris 720 (Gray)

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.
New Iron	Wash and degrease the surface, allow to dry completely and then apply a layer of this CORROSTOP LOXORITE 9000-390 anticorrosive primer. Finally, coat with the SUR finish appropriate for the type of surface.
Rust Iron	Surfaces with rust spots should be cleaned with a steel brush or sandpaper to remove rust. Remove residual dust (do not use water). Where surface cannot be adequately prepared due to difficult access, apply a layer of CORROSTOP CONVERTIDOR DE ÓXIDO 375-013 (Rust Converter) per patching (only in rust spots). Allow it to act for 4 hours and then apply a coat of this CORROSTOP LOXORITE 9000-390 anticorrosive primer. Finally, coat with the SUR finish appropriate to the surface.

PRODUCT PREPARATION

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COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 506-09000-390, CORROSTOP PRIMARIO DE POLIURETANO LOXORITE	100%	Stir well before use.
Diluent: 510-00456-900, DILUYENTE ODORLESS	15% maximum	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Brush

Roller

Airless

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

Airless spray

Nozzle	#517
Pressure	1500 psi

Application conditions

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Do not apply on hot surfaces or directly exposed to sunrays, paint will evaporate too soon and this will affect leveling, adhesion and durability.

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

Number of layers and thickness

Dry Coat Thickness	1.5 mils
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Number of Coats	1
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Drying times

Dry-to-Touch Time	4 - 5 hours
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Re-coat time	12 hours
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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.
- ✓ 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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