

TECHNICAL INFORMATION

CORROSTOP ALUMINIO

Aluminum Anti-Rust Coating

506-09000-810



DESCRIPTION

CORROSTOP ALUMINUM is an anticorrosive finish that incorporates sheet aluminum, which, once evenly distributed on the surface, provides excellent antirust barrier protection. It has excellent adherence.

USE

It can be applied indoors and outdoors on iron or galvanized steel surfaces.

Structure	Roofs, gutters, downspouts, structural elements (columns, trusses, etc.), Metallic structure, aerial piping, gates, meshes, grills and fences.
Exterior/Interior	Outdoor, Roofed Outdoors, Indoor.
Surface	Iron, Carbon Steel , galvanized, enameled sheets, metal shingles.

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	GLOSSY				
Hiding Power	●	●	●	○	○
Weather resistance	●	●	●	●	○

PHYSICAL PROPERTY

DATA

Weight Solids (%)	53- 55
Weight per gallon (kg/gal)	3.55 - 3.65
Volume solids (%)	47 - 49
Stormer Krebs Viscosity (Ku)	90 - 95
Theoretical yield (m ² /gallon)	72m ² @ 1 mils

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.

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

Aluminio 810 (Aluminum)

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 iron, galvanized steel

Rust spots should be cleaned with a steel brush or sandpaper to remove it. Remove residual dust (do not use water).

In areas that cannot be adequately prepared due to their difficult access, apply a layer of CORROSTOP CONVERTIDOR DE ÓXIDO 375-013 (rust converter) patching it (only on rust spots).

Allow it to act for 4 hours and then apply a coat of CORROSTOP PRIMARIO DE POLIURETANO TIPO MINIO ROJO II 9000-351 anticorrosive primer. Finally, coat with this finish.

New Iron

Wash and degrease the surface, allow to dry completely.

Apply a coat of CORROSTOP PRIMARIO DE POLIURETANO TIPO MINIO ROJO II 9000-351 anticorrosive primer.

Finally, apply this finish

New galvanized Steel

Wash and degrease the surface, allow to dry completely.

Finally, coat with this finish.

PRODUCT PREPARATION

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COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 506-09000-810, CORROSTOP ALUMINIO	100%	Mix the product by hand until the aluminum flakes are incorporated and a uniform color and consistency is observed.

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Airless Equipment

Conventional Air
Spray (gravity or
suction fed)

Air spray

Nozzle	1.3 mm
Pressure	35 psi

Airless Application

Nozzle	# 517
Pressure	1500 psi

Application conditions

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

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Dry Coat Thickness	It should not be more than 1 mil, to ensure a good drying and curing of the product.
Number of Coats	As many coats as needed to get a proper hiding result.
Drying times	
Dry-to-Touch Time	4 - 5 hours
Re-coat time	12 hours
Full cure	7 - 10 days

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.

Note

Coatings made with laminar aluminum always leave a small amount of flakes on the surface, which can come off or leave stain with the rubbing of hands or clothing, so it is not recommended to apply this type of product on handrails, railings or permanent contact surfaces.

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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