

TECHNICAL INFORMATION

CORROSTYL

Water-Based Anti-Rust Primer/Finish

506-09345-000



DESCRIPTION

CORROSTYL 9345 is a water-based, high-adhesion, anticorrosive primer-finish with special features to protect new galvanized iron surfaces. Contains rust inhibiting and color pigments with high resistance to UV rays, which provides greater weather resistance. This product was enhanced with nanoparticles, which are so small that they create impermeability in the substrate, making it more difficult for water to penetrate. Easy to apply, has high leveling, low odor and eco-friendly. It does not contain toxic metals.

USE

It can be applied indoors and outdoors on new galvanized iron surfaces, such as roofs and also on properly prepared iron or carbon steel structures.

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, galvanized steel, enamel sheet / Metal Shingles

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	MATTE				
Hiding Power	●	●	●	●	●
Weather resistance	●	●	●	●	●

PHYSICAL PROPERTY

DATA

Weight Solids (%)	61	-	63
VOCs (volatile organic compounds) g/Lt	0		
Weight per gallon (kg/gal)	5.1 - 5.2		

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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Volume solids (%)	46 – 48
Stormer Krebs Viscosity (Ku)	100 – 110
Theoretical yield (m ² /gallon)	70m ² @ 1 mil

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.

These data were measured in white paint, other colors may show a slight variation, mainly in VOC's percentage.

In some intense colors, this coating's yield may vary, as it increases the number of layers to apply.

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

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

Blanco 000 (White)
Rojo óxido 307 (Red Oxide)
Rojo savage 319 (Savage Red)
Rojo teja 321 (Tile Red)
Terracota 348
Café 360 (Brown)
Azul 500 (Blue)
Verde Óxido 665 (oxide Green)
Negro 700 (Black)
Gris 720 (Grey)

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.

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	Remove loose or peeling old paint film with the appropriate tools, and smooth uneven spots left by old coat of paint.
Rust Iron, Carbon 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 TIPO MINIO ROJO II 9000-351 anticorrosive primer. Finally, coat with this CORROSTYL.
New Iron	Wash and degrease the surface, allow to dry completely and then apply a coat of this CORROSTOP TIPO MINIO ROJO II 9000-351 anticorrosive primer. Finally, coat with this CORROSTYL.
New, galvanized steel	Wash and degrease the surface, allow to dry completely and then apply this CORROSTYL.
Rust Galvanized Iron	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 patching only on the affected areas. Finally apply this finish.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 506-09345-000, CORROSTYL	100%	Stir well before use.

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Diluent: Tap Water

10 to 15%

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Brush

Roller

Conventional Air
Spray (gravity or
suction fed)

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

Air spray

Nozzle	1.3 mm
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Pressure	35 psi
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Airless spray

Nozzle	#517
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Pressure	1500 psi
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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.

Surface Temperature. 25° to 30°C

Number of layers and thickness

Dry Coat Thickness	1.5 mils
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Number of Coats	2 or more
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Drying times

Dry-to-Touch Time	30 minutes
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Re-coat time	2 hours
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Full cure	5 to 7 days
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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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