TECHNICAL INFORMATION

CORROSTOP
Anti-Rust Coating

506-09000-000

DESCRIPTION

CORROSTOP is an anticorrosive finish formulated on alkyd resins that acts has a barrier, is easy to apply, has great hiding power and self-leveling.

USE

It can be applied indoors and outdoors on iron or carbon steel surfaces in moderately aggressive environments.

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

CHARACTERISTICS

SPECIAL PROPERTIES

Finish	SATIN
Hiding Power	● ● ● ● ○
Weather resistance	● ● ● ● ○

PHYSICAL PROPERTY	DATA
Weight Solids (%)	45 -47
VOCs (volatile organic compounds) g/Lt	460
Weight per gallon (kg/gal)	4.0 – 4.1
Volume solids (%)	33 – 35
Stormer Krebs Viscosity (Ku)	90 – 95
Theoretical yield (m²/gallon)	34m² @ 1.5mils
Shelf Life	4 years

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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.
Notes: These data were measured in white paint.
Values expressed in a 1 to 5 scale, where 5 is better.
White color can suffer from yellowing.

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 309 (Red Oxide)
Rojo Ladrillo 320 (Brick Red)
Rojo Teja 321 (Tile Red)
Café Óxido 362 (Rust Brown)
Azul 500 (Blue)
Azul Claro 506 (Light Blue)
Verde Óxido 665 (Oxide Green)
Verde Estructura 670 (Structure Green)
Negro 700 (Black)
Gris Claro 721 (Light Grey)
Gris Oscuro 722 (Dark Grey)
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 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, Carbon Steel	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

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 506-09000, CORROSTOP	**100%**	Stir well before use.
Diluent: 510-00456-900 DILUYENTE ODORLESS	**10 to 15%**	

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

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Brush	Roller	Conventional Air Spray (gravity or suction fed)

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
Pressure	35 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. RH should be between 10 – 85%.

Number of layers and thickness	
Dry Coat Thickness	1.5 mils
Number of Coats	2 or more

Drying times	
Dry-to-Touch Time	4 – 5 hours
Re-coat time	24 hours

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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.

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.