

SICO® CORROSTOP® ANTI-RUST ENAMEL 635-XXX XI, Colours

For metal surfaces only
Gloss Finish

Technical Data Sheet



Technical Specifications (21°C (70°F))

Solids by Volume:	50% (± 1%)
Solids by Weight:	65% (± 1%)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 400 g/L

**When tinted with PPG Formula Pro, even at maximum tint load in any colour, the colourant contributes less than 8 g/L of VOC to the final tinted product.*

Available Colours

635-110XI, 635-180XI, 635-430XI, 635-480XI, 635-501XI^A, 635-502XI^B, 635-503XI^B, 635-520XI, 635-530XI, 635-616XI, 635-720XI, 635-985XI

^ACan be applied as is or can be tinted.

^BMust be tinted before use.

Gloss Level	Gloss Finish
• Gloss @ 60°:	85 to 100%
• Sheen @ 85°:	Not available

Practical Coverage

40 - 48 sq. metres (430 - 520 sq. ft.) per 3.78 litres

Coverage figures do not include loss due to surface irregularities and porosity or material losses due to application method or mixing.

Resin Type

• Alkyd (polyurethane-fortified paint)

Viscosity* Ready to use (85 to 100 Krebs Units)

Manufacturing specification, working viscosity may vary

Flammability Combustible Liquid

Flash Point* 45°C (113°F)

Film Thickness requirements*

• Wet:	78 to 94 µm 3.1 to 3.7 mils
• Dry:	39 to 47 µm 1.5 to 1.8 mils

Drying Time* @ 25°C/77°F - 50% Relative Humidity

Touch dry:	6 hours
To recoat:	16 hours
Prior to withstanding rain:	24 hours
Before cleaning:	30 days

When relative humidity is higher than 50%, double the required time.

Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.

*Technical Data Source: 635-501XI

Product Description

Sico Corrostop 635-XXX XI is an alkyd-urethane and silicone-based rust preventive coating formulated for ferrous metal surfaces only. Can be applied without primer to retard rust on new or rusted ferrous metal.

Advantages

- Easy to clean gloss finish that withstands scrubbing and frequent maintenance.
- Easy to apply.
- Dries quickly.
- Excellent resistance to moisture.
- Withstands the effects of weather; excellent flexibility; resists flaking, peeling and cracking.
- Complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

Intended Uses

- Interior (small surfaces only)/exterior new and maintenance work.
- Residential and Commercial sites.
- Metal surfaces only.

Surfaces

- Properly prepared ferrous metal surfaces: furniture, doors, windows, fences, roofs, swings, stairs, tools, machinery, ornamental iron, pipes, fire-hydrants, etc.

Limitations of Use

- **Interior (small surfaces only).**
- Non-industrial application.
- **Not recommended for direct application on aluminum, zinc, and non-rusted galvanized metal. Not recommended on marine equipment, interior of basins or reservoirs, or for interior use on large surface areas.**
- **Do not apply to non-rusted galvanized metal without the application of the appropriate rust preventive coating.**

Certifications

SATISFACTION GUARANTEED: The manufacturer warrants your complete satisfaction with the performance of this product for as long as you own or reside in your home when our product has been applied and maintained according to label directions. This satisfaction guarantee is non-transferable. The manufacturer does not warrant against problems with the product which are caused by factors beyond its control, such as structural defects, damage to the coating film by others, poor condition of the substrate, improper application, etc. If not satisfied as warranted, return the unused portion along with sales receipt to place of purchase. You will receive as your exclusive remedy either a refund of the price paid for the product or replacement with product of equal value. This warranty specifically excludes labour or costs of labour for the removal or application of any coating and indirect, special, consequential, and incidental damages.



Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet. See other cautions on last page.

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SURFACE PREPARATION

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, mildew, and any other surface contaminants. Sand all glossy, rough, and patched surfaces. Remove surface dust.

- Mildew must be removed by washing affected area with a solution of 30% household bleach and 70% water. Rinse well.
- Remove all loose and peeling paint and sand to smooth edges.
- Remove all rust, oil and grease. Wash well with mineral spirits and dry with clean rags.
- Sand all surfaces smooth and lightly sand glossy areas. Vacuum sanding residue.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact a regional Health Canada office for more information.

NEW METAL: Remove grease and oil, wash well with mineral spirits, and let it dry prior to painting. **FERROUS METAL AND RUSTED GALVANIZED METAL:** No primer required. Remove loose rust with a wire brush, a scraper, or other suitable tools. If the surface is severely rusted, first apply a coat of the appropriate rust preventive coating before applying the topcoat.

NON-RUSTED GALVANIZED METAL AND ALUMINUM: Clean with a metal conditioner and rust remover. Rinse well before applying the first coat of the appropriate rust preventive coating. Then, apply the topcoat. **Do not apply to non-rusted galvanized metal without the application of the appropriate rust preventive coating.**

Application

Stir thoroughly. Do not thin. Generously apply one or two coats as required. The application of two paint coats provides better durability and appearance.

Application Conditions

Apply with a high-quality brush, roller, paint pad, or by airless spray equipment. When using more than one container of the same colour, intermix to ensure colour uniformity. Apply only when air, surface, and product temperatures are between 10°C (50°F) and 32°C (90°F). Air and surface temperatures must remain between 10°C (50°F) and 32°C (90°F) for the next 24 hours. Avoid painting in direct sunlight or on hot surfaces. Do not apply late in the day when dew and condensation are likely to form or if rain or snow is expected within 16 hours.

USE ONLY IN A WELL-VENTILATED AREA.

Tools

- Brush: natural bristles
- Roller: lint free – 10 - 15 mm
- Spray (Airless equipment)*: tip size: 0.013 to 0.019 in.
pressure: 2300 – 2700 psi

*Spray recommendations may vary from figures listed depending on equipment manufacturer.

Spray equipment must be handled with due care and in accordance with the manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

SYSTEM RECOMMENDATIONS

Two topcoats are recommended on all surfaces for better durability and appearance.

Ferrous Metal and Rusted Galvanized Metal:

- Sico Corrostop 635-XXX XI series or one coat of Sico Corrostop Red Oxide Rust Preventive Coating 635-085XI.
- Sico Corrostop 635-XXX XI series.

OR

- Sico Corrostop 635-120XI (2 coats).

Non Ferrous Metal (non-rusted galvanized metal and Aluminum):

Interior (dry environments and small surfaces only)

- Sico Corrostop 635-XXX XI series or one coat of Sico Corrostop Red Oxide Rust Preventive Coating 635-085XI.
- Sico Corrostop 635-XXX XI series.

OR

- Sico Corrostop 635-120XI (2 coats).

Exterior

- 1st coat HPC Multiprime 4360 - one coat.
- Sico Corrostop 635-XXX XI series.

OR

- Sico Corrostop 635-120XI (2 coats).

HPC Multiprime 4360 is intended for use only by professional applicators in accordance with the advice given on this sheet, the SDS and the container(s), and should not be used without reference to the SDS.

CLEANER:

Clean tools with mineral spirits immediately after use.

Storage and Transportation

Keep product cool and dry.

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

Safety Measures

CAUTION IRRITANT. DANGER OF COMBUSTION. MAY IRRITATE EYES. MAY IRRITATE SKIN. Do not get in eyes. Do not get on skin or clothing. Keep away from flames or sparks. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard. Keep out of reach of children. Wear protective gloves and eye/face protection: Chemical splash goggles. Use chemical-resistant, impervious gloves. Note: These warnings encompass the product series. **Prior to use, read and follow product-specific SDS and label information. FIRST AID TREATMENT:** Contains: 2-(2-methoxyethoxy)ethanol; 1,2,4-trimethylbenzene; 2-butanone oxime; 2-ethylhexanoic acid, zirconium salt; calcium bis(2-ethylhexanoate); carbon black; cobalt bis(2-ethylhexanoate); diiron trioxide; ethylbenzene; Hydrocarbons, C11-C12, isoalkanes, <2% aromatics; Kaolin; Naphtha (petroleum), hydrotreated heavy; silicon dioxide; Solvent naphtha (petroleum), light aromatic; Solvent naphtha (petroleum), medium aliph.; titanium dioxide; xylene. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapour may affect the central nervous system. Repeated exposure to high vapour concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Contains isothiazolinones. May cause allergic reaction. Keep container tightly closed and sealed until ready for use. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426 (Canada). EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.), (514) 645-1320 (Canada).

For product information call: 1-866-660-2220

www.sico.ca



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