SICO® CORROSTOP® PRIMER
635-045, White

For rust-free galvanized metal
Flat Finish

Technical Data Sheet

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

Solids by Volume:	38% (± 1%)
Solids by Weight:	53% (± 1%)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 50 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

White 635-045

Gloss Level	Flat finish
• Gloss @ 60°:	Not available
• 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

• Acrylic polymers (emulsion).

Viscosity* Ready to use.

Manufacturing specification, working viscosity may vary

Flammability	Non flammable
Flash Point*	Over 93°C (200°F)

Film Thickness requirements*

• Wet:	78 to 94 µm 3.1 to 3.7 mils
• Dry:	30 to 36 µm 1.2 to 1.4 mils

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

Touch dry:	30 minutes to 1 hour
To recoat:	2 to 4 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: 635-045

Product Description

Sico Corrostop Primer 635-045 interior/exterior ultra-adherent, ultra-hiding, and ultra-resistant latex-based primer specially formulated for surfaces of aluminum and new or old galvanized metal.

Advantages

- Ready for use and easy to apply.
- Dries quickly and has very little odour.
- Water-based product which allows tool clean-up with water.
- Low VOC content complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

Intended Uses

- New and maintenance work.
- Residential and Commercial sites.
- Metal surfaces only.
- Ideal to be applied over surfaces of aluminum and galvanized metal: roofs, structures, walls, flashings, gutters, trim, doors, ventilation ducks, etc.

Surfaces

- Interior and exterior.
- Aluminum and new galvanized metal or weathered without rust.

Limitations of Use

- Not recommended on marine equipment, interior of basins, tanks or reservoirs.
- This product is not to be used on stairs or floors subjected to heavy traffic.
- Must be overcoated with finishing paint.
- This product is not to be mixed with other paints or thinners.

Certifications

- Passes MPI 134 “Primer, Galvanized, Water Based“.

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.

SURFACE PREPARATION

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, mildew, and any other surface contaminants with an appropriate cleaner. 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 GALVANIZED METAL AND NEW OR AGED ALUMINUM: Clean with a metal conditioner and rust remover.

WEATHERED GALVANIZED METAL WITHOUT RUST: Clean to remove dust and dirt**.**

Application

Before applying, cover or mask surfaces which are not to be painted. This is a ready-to-use product, do not thin. Stir the product thoroughly before application and frequently during use. Pour the quantity of product needed into another container. Keep containers closed when not in use.

Apply generously, leaving no bare spots or excessively coated areas, by complying with spreading rate.

Provide adequate ventilation. Observe drying time of the product before applying the topcoat. Low temperatures or high humidity will affect drying time.

Remove masking tape after each coat to avoid lifting up primer. Sand rough spots with a fine sandpaper (120-220 grit) and eliminate the residual sanding dust.

Apply the topcoat; two coats for better durability and appearance.

Application Conditions

Stir thoroughly. Do not thin. Apply with a high-quality brush, roller, paint pad, or by airless spray equipment. 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.

Tools

- Brush: Synthetic bristles (nylon, polyester)
- Roller: lint free – 10 - 15 mm
- Spray (Airless equipment)*: tip size: 0.015 to 0.021 in. pressure: 1500 – 2000 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.

CLEANER:

Clean tools with warm, soapy water.

Storage and Transportation

PROTECT FROM FREEZING.

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

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection. Keep out of reach of children. **Prior to use, read and follow product-specific SDS and label information. FIRST AID TREATMENT:** If swallowed, call a Poison Control Centre or doctor immediately. If in eyes or on skin, rinse well with water. If breathed in, move person to fresh air. Contains: titanium dioxide; Nepheline syenite; Kaolin. 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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