

Product Description

High quality latex anti-rust paint for metal surfaces only.

Advantages

- Easy to clean gloss finish that withstands scrubbing and frequent maintenance.
- Easy to apply.
- Dries quickly and has very little odour.
- Super adherent with good hiding.
- Excellent resistance to moisture.
- Withstands the effects of weather; excellent flexibility; resists flaking, peeling and cracking.
- Resistant to chalking, fading and yellowing.
- 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.

Available Colours

632-110	White
632-180	Black
632-601	Base 1*
632-602	Base 2*
632-603	Base 3*

*Must be tinted before use

Projects

Environment

Interior and exterior.

Use

New and maintenance work.

Residential and commercial sites.

Can be used without primer to delay rust on properly prepared new or rusted ferrous metals: metal siding, ornamental iron, machinery, tools, farm implements, above ground swimming pools, fences, pipes, gutters, swings, outdoor furniture, lampposts, steel structures, railings, exterior of tanks, garbage cans, etc.

Surfaces

This product can be applied directly to iron, steel, cast iron, sheet steel, copper, aluminum and weathered galvanized steel; that are in good condition, clean and properly prepared.

Notes

The first coat applied to bare or rusted metal may turn brownish, but this will disappear with the second coat.

Not formulated to be used on roofs or floors.

Not to be top-coated with catalyzed coatings or lacquers.

Drying will take longer at low temperatures or under high conditions of humidity.

Some colours, or drastic colour changes, may require additional coats of paint.

Do not mix with other paints or thinners.

Certifications*

MPI #153 Light Industrial Coating, Interior, Water Based, Semi-Gloss (MPI Gloss Level 5)

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

Appearance

Opaque

Gloss Level

Gloss finish

• Gloss at 60°: 55 to 65%

• Gloss at 85°: Not available

Composition

• Diluent: Water

• Binder: 100% acrylic (emulsion)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 275 g/L

Canadian regulation: < 400 g/L

Addition of colourant will introduce VOCs.

Viscosity*

Ready to use (92 ± 5 Krebs Units)

Manufacturing specification, working viscosity may vary.

Density* 1.2 ± 0.1 kg/L

Solids by Volume* 33%

Solids by Weight* 44%

Flammability Non flammable

Flash Point* Not applicable

Spreading Rate per Coat

3.78 L: 40 to 48 m² (430 to 515 ft²)

48.8 m² per 3.78 L at 1 mil D. F. T.

12.9 m² per litre at 1 mil D. F. T.

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

Film Thickness requirements*

• Wet: 79 to 95 µm

3.1 to 3.7 mils

• Dry: 26 to 31 µm

1.0 to 1.2 mil

Drying Time*

• Touch dry: 15 to 20 minutes

• Dust free: 2 to 4 hours

• Before recoating: minimum 8 hours

• Prior to withstanding rain: 24 hours

• Full curing: 14 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: 632-110

(Data for colour and tint bases may vary)

Limited Warranty

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.

Surface Preparation

Surfaces must be clean, solid and dry. Remove all dust, dirt, oil, soot, wax, mildew, chalking, loose paint and other surface contamination.

- ▶ Clean with an appropriate cleaner for removing the contaminant. Eliminate stains caused by mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Wear rubber gloves and eye protection.
- ▶ Rinse thoroughly with clear water and let dry completely.
- ▶ Ferrous metal and rusted galvanized metal: Remove all loose rust with a wire brush, a scraper, an abrasive cloth or other suitable means. Take care of areas where rust may have crept under the film.
- ▶ Severe rust: Remove all loose rust. Treat with Corrostop Ultra 635-104 metal conditioner and rust remover. Rinse well with clear water and let dry perfectly before painting (maximum delay: 4 hours).
- ▶ Strip, scrape or remove all loose and peeling paint, and sand to smooth edges.
- ▶ Sand rough areas and dull glossy surfaces. Eliminate sanding residues. Touch up bare spots.

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. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to hazardous substances that may be released during surface preparation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Contact a regional Health Canada office for more information.

- ▶ Repair holes and cracks.

Before use, cover or mask surfaces that are not to be painted, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet.

Contact your local representative for any additional surface preparation guidelines.

Systems recommendation according to surfaces

Ferrous metal and rusted galvanized metal:

- 2 coats: *Sico Expert* 632-XXX minimum.

REMARK: Over severely rusted surfaces, the application of *Sico Expert* 922-060 will provide an additional protection.

Non-rusted galvanized metal, aluminum or copper:

- Treat with CORROSTOP® Ultra metal conditioner 635-104;
- 2 coats: *Sico Expert* 632-XXX.

Previously painted surfaces in good condition:

- No primer is required.
- *Sico Expert* 632-XXX, one or two coats as required.

Recommendations

Application Conditions

Temperature: 10 to 32°C (50 to 90°F)
(ideal 20°C ± 5°C [68°F ± 9°F])

Relative humidity: Ideal between 15 and 55%,
maximum 85%.

Maintain these conditions during the application and the following 24 hours. Low temperature, high humidity, thick films or poor ventilation extend drying time.

Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight or during windy conditions. Do not apply if lower temperatures are expected within 3 to 6 hours. Do not apply when rain is expected within 24 hours.

Tools

- Paintbrush: Synthetic bristles (nylon, polyester).
- Roller: 10 mm (3/8 in.);
- *Spray (airless equipment)
 - Tip size: 0.015 to 0.021 in.;
 - Pressure: 1500 to 2000 psi.

Always use top quality application tools.

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

Cleaning Tools

Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

Storage and Transportation

Keep in a dry and ventilated area, between 10 and 32°C (50 and 90°F). Under such conditions, unopened containers may be stored up to 5 years from manufacturing date.

PROTECT FROM FREEZING.

Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not pour down a drain or storm sewer.

Application

FOR PROFESSIONAL APPLICATION ONLY. NOT INTENDED OR LABELED FOR CONSUMER USE.

Depending on the selected colour, the product can be applied as is or may need to be tinted before application. Bases must necessarily be tinted by adding suitable colourants. Refer to the appropriate colour formula, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

Do not thin. Stir thoroughly before use and occasionally during use. Pour the quantity of paint needed into another container to avoid contaminating the original paint container. Keep containers closed when not in use.

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

Provide adequate ventilation. Observe drying time between coats. Low temperatures or high humidity will affect drying time.

Applying two coats will provide better durability and appearance.

For more information, visit the website at www.sico.ca or call our customer service: 1-800-463-7426.

Safety Measures

Store locked up. Do not handle until all safety precautions have been read and understood warnings on the label and Safety Data Sheet (SDS). For workplace use, an SDS are available from your retailer, through our website or by calling 1-800-463-7426. Keep out of the reach of children. Use only in well-ventilated area. Keep containers tightly closed and sealed until ready for use. Wear personal protective equipment as required; gloves and eye or face protection. Avoid contact with skin and clothing. Avoid breathing spray or mists. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Warning: Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. (kidneys) Emits toxic fumes when heated. Repeated exposure to high vapour concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapour/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death.

First aid treatment: If you feel unwell or in case of proven or suspected overexposure: Consult a physician.

Emergency spill information: 1-514-645-1320 or 1-800-463-7426.

Surface Maintenance

- Wait for its full curing before washing the product or testing its adhesion: minimum 14 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature). Use a non-abrasive cleaner and a soft cloth. The use of a cleanser or a technique that is too abrasive affects the appearance of the surface.
- If required, touch up bare areas with primer and apply another coat on the whole surface.

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