SICO® 360

TECHNICAL DATA SHEET
366-5XX
INTERIOR/EXTERIOR PAINT
Water-based product, Satin finish

Product Description
For application to interior cabinetry, and for interior and exterior trim, doors, windows, fixtures, shelving, and railings. It can be used on both horizontal and vertical surfaces. For use on concrete floors and for safety markings. Use on properly prepared and primed, new or previously painted surfaces, such as drywall, plaster, interior wood, and metal. The product is self-priming to masonry, fibreglass, laminate, some plastics, and ceramic tile. Ideal for use on clean, dry, concrete floors subject to foot traffic and forklift traffic.

Features
- **Ultra-Smooth enamel for Trim, Doors, Cabinetry & more.**
- Extremely durable, hard finish.
- Super-fast dry.
- Exceptional early block resistance.
- Outstanding adhesion to difficult substrates.
- Touch-dry in 15 minutes, close doors in 30 minutes, re-coat in 60 minutes to complete projects faster.
- Formulated to resist mildew growth on the paint film.
- Water-based product which allows tool clean-up with water.

Available Colours

366-530	Tintable White
366-502	Medium base*
366-503	Neutral base*

*Must be tinted before use

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

Projects
Environment
Interior and Exterior paint.
Use
New and maintenance work.
For residential and commercial applications.
Surfaces
- Use on properly prepared and primed, new or previously painted surfaces, such as drywall, plaster, interior wood, and metal.
- Ideal for use on clean, dry, concrete floors subject to foot traffic and forklift traffic.

Notes
- **Do not use where subject to hot tires.**
- **Do not use on large wood structures or the bodies of homes.**
- **Do not use for immersive environments or surfaces subjected to ponding water.**
- Some colours, or drastic colour changes, may require additional coats of paint.
- Drying will take longer at low temperatures or under high conditions of humidity.
- Not formulated to be used on bare ferrous metals (iron, steel).
- Do not mix with other paints or thinners.

Certifications
Contributes toward satisfying LEED® v4 EQ credits due to low VOC.

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

Appearance
Opaque

Gloss Level
Satin finish

• Gloss at 60°:	20 to 30%
• Gloss at 85°:	Not avaialble

Composition

• Diluent:	Water
• Binder:	Water-borne Acrylic

Drying*

• Touch dry:	15 minutes
• To Handle:	1 hour
• To Recoat:	1 hour
• For Foot Traffic:	12 hours
• For Forklift Traffic:	24 hours
• Full curing:	7 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.

Spreading Rate per Coat
3.78 L: Approximately 37 square metres (400 sq. ft.) per 3.78 litres on primed, smooth, nonporous surfaces.

Coverage figures do not include loss due to surface irregularities and porosity, or material loss due to application method or mixing. Some colours, drastic colour changes, or porous surfaces may require more than one coat to achieve a uniform finish.

Volatile Organic Compounds (VOCs)*

• According to ASTM D3960-05:	< 50 g/L
Solids by Volume*	36% (± 2%)
Flammability	Non flammable

Minimal Film Thickness*
(According to the maximum spreading rate)

• Wet:	102 µm 4.0 mils
• Dry:	36 µm 1.4 mils

*Technical data source: 366-530

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.

Surface Preparation

Surface must be clean and dry. Remove all loose, peeling paint, dirt, mildew, grease, oil, chalk, rust, and any other surface contaminants. Blistering and peeling issues are commonly caused by moisture behind the paint film. Problems leading to excessive moisture in the substrate must be repaired prior to painting. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Plaster, concrete, and masonry surfaces must be completely dry, free of efflorescence, and allowed to cure for 30 days prior to painting. When applied to an uncoated substrate or to bare wood, two coats are required with the first coat acting as the primer. For exterior ferrous metal, tannin staining woods, fresh concrete or masonry (less than 30 days cure), or chalky surfaces, use of an appropriate specialty primer is recommended for best results.

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. Clean up carefully sanding residue.

Apply an appropriate speciality primer on all special substrates such as tannin staining wood, new or chalky masonry, and bare metal.

Aluminum: Depending on the type of aluminum a primer may be required for proper adhesion. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

Ferrous Metal: The surface must be cleaned thoroughly to remove any dust, rust, oil and surface contaminants, and then primed. No primer is required for interior applications.

Galvanized Steel: A primer is required for proper adhesion. Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to priming.

Interior Wood: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be primed before painting. For non-bleeding or previously painted wood, no primer is required.

Concrete: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before painting. If pH is greater than 10, prime with an alkali resistant primer. **Concrete/Masonry Block:** Mortar should cure for at least 30 days and preferably 90 days prior to priming. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Fill block with appropriate block filler.

Gypsum Wallboard/Drywall: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then prime prior to painting the substrate. **Plaster:** Plaster or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

Fibreglass: No primer needed; sanding or scuffing the surface is recommended. Primer and topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Laminate: No primer needed; sanding or scuffing the surface is recommended. Topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Ceramic Tile: No primer needed; sanding or etching with phosphoric acid is necessary. Topcoat should be spot applied as directed, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed.

Vinyl & Architectural Plastics: No primer needed. Consult the manufacturer's guidelines prior to painting. Primer and Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. Do not paint vinyl or plastic with a color darker than the original to prevent potential warping due to heat absorption.

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.

If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. On bare wood, seal knots and sap streaks with shellac before applying the primer.

Once the surface is dry and free of any contaminant, apply following the recommended application conditions.

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%.

Surface must be at a temperature at least 3°C (36°F) higher than dew point. 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 48 hours.

When relative humidity is higher than 50%, multiply the above mentioned time by two.

Tools

- Paintbrush: Synthetic bristles (nylon, polyester)
- Roller: 5 mm à 10 mm (3/16—3/8");
- *Spray (airless equipment)
  - Tip size: 0.009 to 0.013 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

Clean tools with warm, soapy water.

Storage and Transportation

PROTECT FROM FREEZING. Keep in a dry and ventilated area, between 10 and 30°C (50 and 86°F).

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.

Recommended Primers

- **Bare wood:** GOPRIME® 150-135 or 200-135.
  On plywood and on tannin staining wood, such as cedar and mahogany, use *GoPrime* 200-135.
- **Concrete, brick, stucco, asbestos, masonry:** No primer is required. In warm weather, wet the surface with water before applying the first coat.
- **New or bare ferrous metal (iron, steel):** Corrostop Ultra 635-060 or 635-085.
- **New galvanized metal:** Corrostop Ultra 635-045 or *GoPrime* 190-135.
- **Previously painted latex surfaces in good condition:** No primer is required.
- **Surfaces in good condition previously painted with a gloss finish alkyd-based paint:** Sanding is required to provide better results.

Application

Stir thoroughly. Apply with a high-quality brush, roller, paint pad, or by spray equipment. For airless spray application, use tip size .009" to .013" and pressure range of 1500 to 2000 psi. When using more than one container of the same colour, intermix to ensure colour uniformity. During application, it is important to maintain a wet edge due to the quick dry of the product. Rinse brush with warm water periodically during extended brush application. Thinning may be required. If necessary, thin 5 to 10% (up to 355 mL or 12 oz.) with water per 3.78 litres of paint. No thinning required for airless spray application. Two coats are recommended for maximum durability. Apply only when air, surface, and product temperatures are between 10°C (50°F) and 32°C (90°F) and at least 3°C (5°F) above the dew point prior to painting. Air and surface temperatures must remain above 10°C (50°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 48 hours. DRYING: Normally dries to touch in 15 minutes at 25°C (77°F) and 50% relative humidity. Allow one hour before recoating. Wait at least 7 days after painting before cleaning the surface with a non-abrasive, mild cleaner or exposure to ponding water. Not recommended for immersion environments.

Two coats are recommended for maximum durability.

Keep containers closed when not in use.

For more information, visit the website at www.sico.ca or call our customer service: 1-866-660-2220.

Safety Measures

For warning information, please refer to the SDS and label.

SDS, spill, and emergency information are available by calling 1-833-477-1553.

Surface Maintenance

- Wait for its full curing before washing the product or testing its adhesion: minimum 7 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature).
- The level of sun exposure drive the maintenance frequency. Chalking and colour fading are natural aging characteristics between maintenance coats.
- Maintenance varies according to usage and place. To maintain the products protective characteristics, apply a maintenance coat when visibly required.

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