



**TECHNICAL DATA SHEET**  
**SICO EVOLUTION® 861-5XX**  
INTERIOR LATEX PAINT  
Water-based product, flat finish

### Product Description

Sico Evolution flat finish is a paint and primer in one for walls and ceilings. It combines what's most important in a primer and premium quality paints, for a durable finish in less time.

Although this paint is washable, on surfaces requiring frequent washing, a glossier finish is preferable.

### Advantages

- DURABILIT® technology with polymers.
- Diffuses light; excellent for masking a number of imperfections.
- Easy to apply.
- Dries quickly and has very little odour.
- High hiding.
- Higher resistance to scrubbing.
- Water-based product which allows tool clean-up with water.
- Product formulated without VOCs before the addition of colourant; surpasses Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

### Available Colours

861-550	Pure White	
861-501	Base 1*	
861-502	Base 2*	
861-503	Base 3*	
861-504	Base 4*	
861-505	Base 5*	*Must be tinted before use

### Projects

#### Environment

Interior only.

#### Use

New and maintenance work.  
Residential and commercial sites.  
Walls and ceilings of any room that do not require frequent washing.

#### Surfaces

- New surfaces: gypsum boards, hardened and dry drywall compound, new dry plaster.
- Aged stucco, masonry or concrete.
- Properly primed surfaces: gypsum boards, drywall joint compound, plaster, fibre boards, concrete, stucco, masonry and wood.
- Surfaces in good condition previously painted with a water-based product and properly prepared.

#### Notes

It is recommended to use a glossier finish on walls in rooms such as kitchens and bathrooms or on trim or doors.

Not to be used on surfaces requiring frequent washing.

On above average size ceilings, it is best to use a specialized paint for ceilings.

Do not apply directly over steel, iron or other metals.

Not formulated to be used on floors.

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

Do not mix with other paints or thinners.

**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.

Before use, be sure to read and follow the instructions and warnings on the label.

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

#### Appearance

Opaque

#### Gloss Level

Flat finish

- Gloss at 60°: 0 to 5%
- Gloss at 85°: 0 to 5%

#### Composition

- Diluent: Water
- Binder: Reinforced acrylic polymer emulsion

#### Drying\*

- Touch dry: 60 minutes
- Before recoating: Minimum 2 to 4 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.*

#### Spreading Rate per Coat

- As primer or on porous surfaces:  
50 to 55 m<sup>2</sup> (530 to 590 ft<sup>2</sup>) for 3.78 L;
- As topcoat finish:  
50 to 56 m<sup>2</sup> (530 to 600 ft<sup>2</sup>) for 3.78 L.

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

#### Volatile Organic Compounds (VOCs)\*

- According to ASTM D3960-05: "0" g/L

*\*No emission is detectable by the United States Environmental Protection Agency (USEPA) Test Method 24.*

*Some base may contain VOC.*

*The addition of colourant will introduce VOCs.*

- Canadian regulation: < 100 g/L

#### Solids by Volume\*

40%

#### Flammability

Non flammable

#### Minimal Film Thickness\*

(According to the maximum spreading rate)

- Wet: 68 µm  
2.7 mils
- Dry: 27 µm  
1.1 mils

\*Technical data source: 861-550



## Surface Preparation

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease and any other surface contaminants.

**Bare surfaces:** Sand the grout surface. Eliminate sanding dust, any dirt or contaminant.

**Painted surfaces:** Clean with an appropriate cleaner for removing the contaminant. Rinse thoroughly with clear water and let dry completely. Remove 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.

Remove all loose or peeling paint and sand to smooth edges.

Sand rough areas and dull glossy surfaces. Eliminate sanding residues.

Touch up bare spots.

Putty all nail holes and caulk all cracks and open seams.

Sand all glossy, rough and patched surfaces.

Cover or mask surfaces that are not to be painted.

**Primers:** *This paint may be used as a primer coat on bare areas or total surface.*

*However, for optimum results, especially on tough stains or on very porous or absorbent surfaces, it is recommended to apply the suitable basecoat.*

**Bare wood:** If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. Seal knots and sap streaks with shellac before applying the product. Apply GOPRIME 150-135 or 200-135. When applied to an uncoated substrate or to bare wood, two coats are required with the first coat acting as the primer. On plywood and on bleeding woods, such as cedar and mahogany, use GoPrime 200-135.

**Tough stains or on very porous or absorptive repairs:** For optimal results, locally apply one coat of Sico Evolution or of GoPrime primer 190-135 or 150-135.

**Concrete, Stucco or Masonry:** Plaster, concrete and masonry must be completely dry, free of efflorescence and allowed to cure for 30 days prior to painting. No specific primer is required; the first coat of this product is used as the primer.

**New galvanized metal:** GoPrime 190-135.

**Previously painted latex surfaces in good condition:** No primer is required.

**Touch-up:** If the touch-up remains apparent, apply an additional coat on same area or on entire surface.

**Previously Painted Alkyd Surfaces in Good Condition:** Prime surface with GoPrime 150-135 or 190-135, prime with GoPrime 150-135 door and trim areas previously painted with aged alkyd-based paints.

**PRECAUTION:** Dry sanding will give rise to dust and/or hazardous fumes. Wear suitable respiratory protective equipment. **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.

## Application

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](http://www.sico.ca) or call our customer service: 1-800-463-7426.

## Safety Measures

Before use, be sure to read and follow the instructions and 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. Use personal protective equipment as required. Avoid contact with eyes or skin. Avoid breathing spray mists.

**MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.**

**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. Sanding and grinding dusts may be harmful if inhaled.

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.

## Recommendations

### Application Conditions

Temperature: 10 to 30°C (50 to 86°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.

### Tools

- Paintbrush: Synthetic bristles (nylon, polyester)
- Roller:
  - Walls: 10 mm (3/8 in.);
  - Ceilings: 13 mm (1/2 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 30°C (50 and 86°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 residues according to environmental regulations. Do not pour down a drain or storm sewer.

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