

Product Description

Evolution flat finish is a paint and primer in one for 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 ceilings requiring frequent washing, a glossier finish is preferable.

Advantages

- Diffuses light; excellent for masking a number of imperfections.
- Easy to apply.
- Dries quickly and has very little odour.
- High viscosity and great hiding power.
- 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.

Projects

Environment

Interior only.

Use

New and maintenance work.

Residential and commercial sites.

Ceilings only (it is recommended to use a glossier finish in kitchens and bathrooms).

Surfaces

New surfaces of drywall, fibre boards, wood or masonry.

Surfaces in good condition previously painted with a water-based product and properly prepared.

Notes

Can be tinted to obtain pastel shades (max. 3 ounces per 3.78 litres).

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

This product is not formulated to be used on walls or floors.

For ceilings requiring frequent washing or scrubbing, a glossier finish is preferable.

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.

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: Polymer emulsion (latex)

Drying Time*

- Touch dry: 1 hour
- Dust free: 2 hours
- Before recoating: 4 hours

If relative humidity is higher than 50%, required time must be doubled.

Spreading Rate per Coat

- As primer or on porous surfaces:
40 to 46 m² (430 to 500 ft²) for 3.78 L;
- As topcoat finish:
44 to 50 m² (470 à 540 ft²) for 3.78 L.

(Excluding losses caused by variations in application methods or surface porosity)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: "0"* g/L
Some base may contain VOC.

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

The addition of colourant will introduce VOCs.

Canadian regulation: < 100 g/L

Solids by Volume*

36%

Flammability

Non flammable

Minimal Film Thickness*

(According to the maximum spreading rate)

- Wet: 3.0 mils (76 µm)
- Dry: 1.3 mils (33 µm)

Certifications*

Not available

*Technical data source: 861-113



Surface Preparation

Surfaces must be clean, solid, dry and free from dust, dirt, mildew, loose paint or all other contaminants.

- ▶ Clean with an appropriate cleaner for removing the contaminant. 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. PRECAUTION: Dry sanding of dry coatings will give rise to dust and/or hazardous fumes. Wear suitable respiratory protective equipment.
- ▶ Repair holes and cracks with a paste filler or a joint compound suitable for the surface to be repaired.
- ▶ 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.
- ▶ Cover or mask surfaces that are not to be painted.
- ▶ Although this paint does not require particular primer; for optimal results, especially on tough stains or on very porous or absorbent repairs, it is recommended to apply a base coat.
- Bare wood: For optimal results, especially on wood with extractives, such as cedar or redwood, apply GoPrime 200-135.
 - Note: Some wood species, prone to staining, may require two coats of primer.
- 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 and masonry: No specific primer is required; the first coat of this product is used as the primer.
- Unpainted calcimine ceiling: Use Sico 721-112.
- 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: GoPrime 190-135 or 150-135.

Application

This is a ready-to-use product, do not thin. Purchase the quantity that you need. Stir thoroughly before application.

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. Remove masking tape after each coat to avoid lifting up paint when work is completed.

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

Safety Measures

Read the Material Safety Data Sheet. Keep out of reach of children. Use only in ventilated areas.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapours, spray or mists. Avoid contact with eyes or skin. Wear protective gloves/clothing and eye/face protection.

FIRST AID TREATMENT: If in eyes or on skin, rinse thoroughly with clear water for 15 minutes. If swallowed, do not induce vomiting. Inhalation: If respiratory discomfort occurs, move the person to fresh air. Call Poison Control Centre or physician immediately.

Surface Maintenance

- Let surfaces dry completely. 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 this product or a primer and apply another coat on the whole surface.

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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.
- Roller: 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 product in a dry 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 about proper disposal procedure of leftover product in accordance with the laws and environmental respect or give it to a neighbour or friend, a recreation centre or a non-profit organization. Do not empty into drains.