



TECHNICAL DATA SHEET SICO EXPERT 874-6XX

100% ACRYLIC INTERIOR LATEX PAINT

Water-based product, platinum finish

Product Description

Interior latex paint for walls or woodwork particularly in playrooms, bedrooms and hallways.

Advantages

- Excellent washability and durability.
- 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.
- Low VOC content complies with the 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.

Children's room, playroom and hallway walls and woodwork.

Kitchen, children's room, playroom and hallway ceilings.

Surfaces

Properly primed surfaces: drywall and fibre boards, wood, concrete, or stucco.

Previously painted surfaces in good condition and properly prepared.

Notes

Not to be applied directly to bare ferrous metals (iron, steel).

Not formulated to be used on floors.

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

Not formulated to be used on floors.

Do not mix with other paints or thinners.

Certifications*

MPI # 52 Latex, Interior, (MPI Gloss 3)

Guarantee

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

Platinum finish

• Gloss at 60°: 10 to 20%

• Gloss at 85°: 25 to 35%

Composition

• Diluent: Water

• Binder: 100% acrylic (emulsion)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 100 g/L

Canadian regulation: < 150 g/L

Viscosity*

Ready to use (99 ± 5 Krebs Units)

Density*

1.3 ± 0.1 kg/L

Solids by Volume*

37%

Solids by Weight*

51%

Flammability

Non flammable

Flash Point*

Not applicable

Spreading Rate per Coat

3.78 L: 45 to 51 m² (480 to 550 ft²)

56 m² per 3.78 L at 1 mil D. F. T.

14.8 m² per litre at 1 mil D. F. T.

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

Minimal Film Thickness*

(According to the maximum spreading rate)

• Wet: 3.0 mils (76 µm)

• Dry: 1.2 mil (30 µm)

Drying Time*

• Touch dry: 20 to 30 minutes

• Dust free: 2 to 4 hours

• Before recoating: 4 to 6 hours

• Full curing: 14 days

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

**Technical data source: 874-600*

(Data for colour and tint bases may vary)

Surface Preparation

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

► Clean with Polyprep cleaner 771-135, 771-136, or 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.

• Metal: Remove all loose rust. Treat with a metal conditioner and rust remover and apply a suitable system for metal.

► 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, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used, wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

► Repair holes and cracks with joint compound suitable for the surface to be repaired.

► If wood exudes resin, scrape the excess and clean with alcohol or paint thinner. Sand for a smooth finish. Eliminate sanding residues. Seal knots with Polyprep shellac 205-112 before applying the primer.

► For optimal results, especially on tough stains or on very porous or absorbent repairs, it is recommended to apply a base coat. Before its application, cover or mask surfaces that are not to be painted.

Listed below are the main base coat products that are recommended:

Systems recommendation according to surfaces

Gypsum board, dry joint cement or stucco:

- 1 coat: Sico Ecosource 850-130, Sico Expert 870-130, 870-177 or 870-799;
- 2 coats: Sico Expert 874-6XX.

Concrete or masonry:

- Rough surfaces: Sico Expert block filler 675-115 or 675-198;
- Smooth surfaces: Sico Ecosource 850-130, Sico Expert 870-130, 870-177 or 870-799;
- 2 coats: Sico Expert 874-6XX.

New or bare wood:

- Bare wood (except rich in tannins wood, such as cedar or redwood): Sico Ecosource 850-130, Sico Expert 870-177 or 890-114;
- Bare wood (all): Sico Expert primer 890-114; some wood species, prone to staining, may require two coats.
- 2 coats: Sico Expert 874-6XX.

Ferrous metal and rusted galvanized metal:

- 1 coat: Sico Expert 922-060;
- 2 coats: Sico Expert 874-6XX.

Non-rusted galvanized metal, aluminum or copper:

- 1 coat: Corrostop Ultra 635-045 or Polyprep 145-011;
- 2 coats: Sico Expert 874-6XX.

Previously painted metal in good condition:

- Previously painted surfaces in good condition (latex): No primer is required.
- Previously painted surfaces in good condition (alkyd): Sico Expert primer 890-114 or 870-177.
- Sico Expert 874-6XX, one or two coats as required.

Application

This is a ready-to-use product, do not thin. Stir thoroughly before application.

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 on application methods, visit the website at www.sicopro.ca or call our customer service: 1-800-463-7426.

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%.

Conditions to be observed during both product application and drying time.

Tools

• Paintbrush: Synthetic bristles (nylon, polyester).

• 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.

Surface Maintenance

• Allow paint to fully cure before washing the walls or testing adhesion: minimum 14 days (longer in conditions of high humidity or low temperature). Use a non-abrasive cleaner and a soft cloth.

• If required, touch up bare areas with primer and apply another coat on the whole surface.

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. AVOID FREEZING.

Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not empty into drains.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Use only in well-ventilated areas.

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