



**TECHNICAL DATA SHEET**  
**SICO EXPERT 870-130**  
INTERIOR LATEX PRIMER-SEALER  
Water-based product, white

**Product Description**

Latex base primer-sealer specially formulated for interior surfaces: new gypsum board, new dry plaster, plaster repairs and masonry.

**Advantages**

- Excellent hiding power.
- Easy to apply.
- Effectively seals and gives the finishing coats a better appearance.
- Will not raise fibres of gypsum boards.
- Can easily be sanded.
- 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.  
Walls and ceilings of any room.

**Surfaces**

New surfaces: drywall boards (conventional, water repellent or fire retardant), hardened and dry drywall compound, new dry plaster, concrete, brick, stucco or other masonries.

**Notes**

- Do not apply directly over steel, iron or other metals.
- Not formulated to be used on floors.
- Avoid using zinc sulphate solutions on plaster prior to applying this primer-sealer.
- Do not use over aged alkyd finishes.
- Must be coated with a topcoat.
- This product is not to be mixed with other paints or thinners.

**Certifications\***

MPI #50 Primer-Sealer, Latex, Interior

**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**

- Not applicable (primer)
- Gloss at 60°: Not applicable
- Gloss at 85°: Not applicable

**Composition**

- Diluent: Water
- Binder: Vinyl-Acrylic polymer emulsion

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

According to ASTM D3960-05: < 100 g/L  
Canadian regulation: < 200 g/L

**Viscosity\***

Ready to use (96 ± 5 Krebs Units)

**Density\***

1.5 ± 0.1 kg/L

**Solids by Volume\***

38%

**Solids by Weight\***

58%

**Flammability**

Non flammable

**Flash Point\***

Not applicable

**Spreading Rate per Coat**

3.78 L: 43 to 48 m<sup>2</sup> (460 to 515 ft<sup>2</sup>)  
57.4 m<sup>2</sup> per 3.78 L at 1 mil D. F. T.  
15.1 m<sup>2</sup> 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: 3.1 mils (79 µm)
- Dry: 1.2 mil (30 µm)

**Drying Time\***

- Touch dry: 20 to 30 minutes
  - Before recoating: 2 to 4 hours
- If relative humidity is higher than 50%, required time must be doubled.

*\*Technical data source: 870-130*

## Surface Preparation

Surface should be dry, clean, free from dust, oil, loose paint or all other contaminants.

- ▶ Clean surface with Polyprep cleaner 771-135, 771-136, or the appropriate cleaner for removing the contaminant. Rinse well.
- 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.
- ▶ Strip, scrape or remove all loose and peeling paint, and sand to smooth edges.
- ▶ Lightly sand glossy areas. 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.
- ▶ Once the surface is dry and free of any contaminant, apply the product following the recommended application conditions.

## Systems recommendation according to surfaces

### Gypsum board, dry joint cement or stucco:

- Sico Expert primer 870-130.
- Sico Expert or Ecosource interior top coats of your choice; two coats.

### Concrete and masonry:

- Sico Expert primer 870-130.
- Sico Expert or Ecosource interior top coats of your choice; two coats.

## Application

This is a ready-to-use product, do not thin. 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.

For more information on application methods, visit the website at [www.sicopro.ca](http://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 50%, maximum 85%.

High humidity or low temperatures extend drying time.

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

### 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.

### Surface Maintenance

Must be overcoated with finishing paint.

### 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 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.

This technical data sheet, No. 870-130, replaces all previous versions.

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