

Product Description

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

Advantages

- Can help earn LEED® (Leadership in Energy and Environmental Design) 2009 credits.
- Good hiding.
- Effectively seals and gives the finishing coats a better appearance.
- Ready for use and easy to apply.
- Dries quickly.
- 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.

Available Colour

870-130 White

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.

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

Notes

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

Certifications*

MPI #50 Primer-Sealer, Latex, Interior

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
Volatile Organic Compounds (VOCs)*	
According to ASTM D3960-05:	< 100 g/L
Canadian regulation:	< 200 g/L
<i>Addition of colourant will introduce VOCs.</i>	
Viscosity*	
Ready to use	(96 ± 5 Krebs Units)
<i>Manufacturing specification, working viscosity may vary.</i>	
Density*	1.4 ± 0.1 kg/L
Solids by Volume*	39%
Solids by Weight*	58%
Flammability	Non flammable
Flash Point*	Not applicable
Spreading Rate per Coat	
3.78 L:	43 to 48 m ² (460 to 515 ft ²)
	57.4 m ² per 3.78 L at 1 mil D. F. T.
	15.1 m ² per litre at 1 mil D. F. T.
<i>Coverage figures do not include loss due to surface irregularities and porosity or material losses due to application method or mixing.</i>	
Film Thickness requirements*	
• Wet:	78 to 89 µm 3.1 to 3.5 mils
• Dry:	31 to 35 µm 1.2 to 1.4 mil
Drying Time*	
• Touch dry:	20 to 30 minutes
• Before recoating:	2 to 4 hours
• Full curing:	14 days
When relative humidity is higher than 50%, double the required time.	
<i>Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.</i>	

*Technical data source: 870-130

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.

Surface Preparation

Surfaces must be clean and dry. Remove loose and peeling paint, dirt, dust mildew oil, wax, and other surface contamination.

Bare surfaces: Sand the grout surface and regularly remove the residue. Avoid sanding the bare gypsum.

Concrete and masonry: New surfaces must age at least 28 days, be thoroughly dry and free of any efflorescence salts. Clean the concrete surfaces per ASTM Standard Practice D4258: Standard Practice for Surface Cleaning Concrete for Coating. Vacuum cleaning, water cleaning, detergent water wash, power wash cleaning, steam cleaning, hand tool and mechanical cleaning are acceptable cleaning methods.

Painted surfaces: Remove loose and peeling paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Sand to smooth edges.

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.

Remove all surface contaminants by washing with an appropriate cleaner. Rinse thoroughly with water and allow to dry.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wear suitable respiratory protective equipment. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to hazardous substances that may be released during surface preparation. **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.

Clean up carefully sanding residue.

Before use, cover or mask surfaces that are not to be painted, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet.

Contact your local representative for any additional surface preparation guidelines.

Systems recommendation according to surfaces

Gypsum board, dry joint cement or stucco:

- *Sico Expert* 870-130;
- *Sico Expert* or *Ecosource* interior top coats of your choice; two coats for better durability and appearance.

Concrete and masonry:

- Rough surfaces: *Sico Expert* block filler 675-115;
- *Sico Expert* 870-130;
- *Sico Expert* or *Ecosource* interior top coats of your choice; two coats for better durability and appearance.

Previously painted surfaces in good condition:

- Previously painted surfaces in good condition (alkyd): Not recommended, use *Sico Expert* primer 890-114 or 870-177.
- Previously painted surfaces in good condition (latex): *Sico Expert* 870-130;
- *Sico Expert* or *Ecosource* interior top coats of your choice; two coats for better durability and appearance.

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: 10 mm (3/8 in.)
- *Spray (airless equipment)
 - Tip size: 0.013 to 0.017 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 3 years from manufacturing date.

PROTECT FROM FREEZING.

Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not pour down a drain or storm sewer.

Application

FOR PROFESSIONAL APPLICATION ONLY. NOT INTENDED OR LABELED FOR CONSUMER USE.

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.

Apply the topcoat; two coats for better durability and appearance.

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

Safety Measures

Store locked up. Do not handle until all safety precautions have been read and understood 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. Wear personal protective equipment as required; gloves and eye or face protection. Avoid contact with skin and clothing. Avoid breathing spray or mists. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Warning: Suspected of causing cancer. Emits toxic fumes when heated. *Photosensitive agents:* In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes. In case of accidental skin contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of skin.

First aid treatment: If you feel unwell or in case of proven or suspected overexposure: Consult a physician. Emergency spill information: 1-514-645-1320 or 1-800-463-7426.

Surface Maintenance

Must be overcoated with finishing paint.

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