

Product Description

ZERO VOC vinyl-acrylic latex primer-sealer, ideal for use on properly prepared, interior walls, ceilings, or trim composed of new or previously painted drywall, plaster, concrete, masonry, and wood.

Conventional water-based paints contain Volatile Organic Compounds (VOCs) that contribute to air pollution. Our SICO® Ecosource® paint uses an effective 0 VOC technology (before colourant added^A) which ensures an outstanding product and fewer negative environmental impacts.

Advantages

- Zero VOC^A formula.
- High performance primer-sealer.
- Low odour.
- Ready for use and easy to apply.
- Effectively seals and gives the finishing coats a better appearance.
- Can easily be sanded.
- Water-based product which allows tool clean-up with water.
- Product formulated without VOCs before the addition of colourants; surpasses Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

Available Colour

850-130N White *tintable^A*

^A Colourants added to this base paint may increase VOC level significantly depending on colour choices.

Projects

Environment

Interior only.

Use

New and maintenance work. Ideal for occupied institutional settings. Residential and commercial sites.

Walls and ceilings of any room.

Surfaces

Properly prepared, interior walls, ceilings, or trim composed of new or previously painted drywall, plaster, concrete, masonry, and wood.

Notes

Must be coated with a topcoat.

Not formulated to be used on floors.

Avoid using zinc sulphate solutions on plaster prior to applying this primer-sealer.

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

Do not use over aged alkyd finishes.

Do not mix with other paints or thinners.

Certifications

Contributes toward satisfying LEED® v4 EQ credits due to low VOC.

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 polymers

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.*

Viscosity*

Ready to use (94 ± 4 Krebs Units)

Manufacturing specification, working viscosity may vary.

Density* 1.4 ± 0.1 kg/L

Solids by Volume* 35.6%

Solids by Weight* 53.8%

Flammability Non flammable

Flash Point* Not applicable

Spreading Rate per Coat

3.78 L: 37 m² (400 ft²)

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

Film Thickness requirements*

• Wet: 102 µm

4.0 mils

• Dry: 36 µm

1.4 mils

Drying Time*

• Touch dry: 20 to 30 minutes

• Before recoating: Minimum 2 to 4 hours

• Full curing: 30 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.

*Technical data source: 850-130N

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

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all nail holes and caulk all cracks or open seams. Sand old alkyd paints and all glossy, rough, and patched surfaces.

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

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. 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.

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

Clean up carefully sanding residue.

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.** Contact a regional Health Canada office for more information.

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:

- 1 coat: *Sico Ecosource* zero VOC latex primer-sealer 850-130N in an even coat.
- *Sico Ecosource* zero VOC latex interior top coats; two coats.

Concrete and masonry:

- 1 coat: *Sico Ecosource* zero VOC latex primer-sealer 850-130N in an even coat.
- *Sico Ecosource* zero VOC latex interior top coats; two coats.

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%.

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

Clean tools with warm, soapy water.

Storage and Transportation

Keep product in a dry area between 10 and 32°C (50 and 90°F).

PROTECT FROM FREEZING.

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

Application

Stir thoroughly. Do not thin. Apply with a high-quality brush (polyester/nylon), roller, paint pad, or by airless spray equipment. Apply only when air, surface, and product temperatures are between 10°C (50°F) and 32°C (90°F). For optimum results on tough stains, woods with extractives, such as cedar or redwood, or on very porous or absorbent surfaces, it is recommended to apply the suitable basecoat.

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

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection. Keep out of reach of children. Keep container tightly closed and sealed until ready for use. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.**
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. Contains: titanium dioxide; nepheline syenite; diatomaceous earth. Contains isothiazolinones. May cause allergic reaction. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. EMERGENCY SPILL INFORMATION: 514-645-1320.

Surface Maintenance

Must be overcoated with finishing paint.

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