

# **TECHNICAL DATA SHEET SICO ECOSOURCE 850-130A**

INTERIOR 100% ACRYLIC LATEX PRIMER-SEALER

Water-based product, white

ZERO VOCA 100% 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 ZERO VOC<sup>A</sup> technology (before colourant added<sup>A</sup>) which ensures an outstanding product and fewer negative environmental impacts.

## **Advantages**

- Excellent Sealing, Hiding & Adhesion.
- High performance.
- 100% Acrylic.
- Zero VOC<sup>A</sup> Formula.
- · Ready for use and easy to apply.
- Water-based product which allows tool clean-up with water.
- Product formulated without VOCs<sup>A</sup> before the addition of colourants; surpasses Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

## **Available Colour**

850-130A White tintable<sup>A</sup>

<sup>A</sup>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 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

MPI #50 Primer Sealer, Latex, Interior

MPI # 50 X-Green™ Primer Sealer, Latex, Interior

MPI # 149 Primer Sealer, Interior, Institutional Low Odor/VOC

MPI #149 X-Green™ Primer Sealer, Interior, Institutional Low Odor/VOC

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: 100% Acrylic

### 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 (102 ± 4 Krebs Units) Manufacturing specification, working viscosity may vary. Density\*  $1.3 \pm 0.1 \text{ kg/L}$ 28.8%

Solids by Volume\* Solids by Weight\* 43.7% **Flammability** Non flammable Flash Point\*

## **Spreading Rate per Coat**

Approximately 37 square

metres (400 sq. ft.) on smooth, nonporous surfaces.

Coverage figures do not include material loss due to

application. Some colours, drastic colour changes, or porous surfaces may require additional coats of paint to achieve a uniform finish.

#### Film Thickness requirements\*

• Wet: 102 µm

4.0 mils 29 µm • Dry:

1.2 mils

Not applicable

#### **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, colour, film build, and air movement.

\*Technical data source: 850-130A

### **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.

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet. See other cautions on last page. Edition 03/2022 Page 1 of 3

## **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.

**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.

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

Clean up carefully sanding residue.

**Bare surfaces:** Sand the joint compound. Eliminate sanding dust, any dirt or contaminant. Avoid sanding the bare gypsum.

**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 850-130A 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 850-130A 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 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. 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). Low temperatures or high humidity will affect drying time. Apply the topcoat; two coats for better durability and appearance.

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.

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

## **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. 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; Kaolin; Limestone. Contains isothiazolinones. May cause allergic reaction. Keep container tightly closed and sealed until ready for use. For workplace use, an SDS is available from your retailer or by calling 1-800-463- 7426. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.), (514) 645-1320 (Canada).

## **Surface Maintenance**

Must be overcoated with finishing paint.

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