

Product Description

ZERO VOC^A High Hide, Interior paint suitable for walls and ceilings of any room where a flat finish is desirable.

Advantages

- High Hiding & Coverage.
- Zero VOC^A interior paint.
- Smooth, Uniform finish.
- Excellent Touch-Up.
- Formulated to resist mildew growth on the paint film.
- Water-based product which allows tool clean-up with water.

Available Colours

891-630	Tintable White
891-602	Base 2 ^B
891-603	Base 3 ^B

^BMust be tinted before use

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

Projects

Environment

Interior only.

Use

New and maintenance work.

Residential and commercial sites.

Walls and ceilings of any room that do not require frequent washing.

Surfaces

Ideal for use on properly prepared, interior walls, ceilings, or trim composed of primed or previously painted drywall, plaster, masonry, wood, and metal. Surfaces in good condition previously painted with a water-based product and properly prepared.

Notes

It is recommended to use a glossier finish on walls in rooms such as kitchens and bathrooms or on trim or doors.

Not to be used on surfaces requiring frequent washing.

On above average size ceilings, it is best to use a specialized paint for ceilings.

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

Not formulated to be used on floors.

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

Do not mix with other paints or thinners.

Certifications

MPI #53 Latex, Interior, Flat (MPI Gloss Level 1)

MPI #143 Latex, Interior, Institutional Low Odor/VOC, Flat (MPI Gloss Level 1)

Greenguard Gold Emissions Certified.

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

Technical Specifications (21°C (70°F))

Appearance

Opaque

Gloss Level

Flat finish

- Gloss at 60°: 0 to 3%
- Gloss at 85°: 0 to 3%

Composition

- Diluent: Water
- Binder: Polymer emulsion

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. Addition of colourant will introduce VOCs.*

Viscosity*

Ready to use (95 ± 5 Krebs Units)

Density* 1.4 ± 0.1 kg/L

Solids by Volume* 32%

Solids by Weight* 51%

Flammability Non flammable

Flash Point* Not applicable

Spreading Rate per Coat

3.78 L: Approximately 37 m² (400 ft²) on primed, 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
- Dry: 33 µm
1.3 mils

Drying Time*

• Touch dry: 60 minutes

• Dust free: 1 to 2 hours

• 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: 891-630

(Data for colour and tint bases may vary)

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.

Surface Preparation

Surfaces 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 all glossy, rough, and patched surfaces.

Remove the dust from the surface and prime with a latex primer-sealer.

Primers: Prime all bare wood, gypsum, plaster, masonry, metal, and porous surfaces with an appropriate primer.

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 surface dust and prime entire surface prior to painting.

Previously Painted Alkyd Surfaces in Good Condition: Prime surface with an appropriate primer.

Painted surfaces: Strip, scrape or remove all loose and peeling paint, and sand to smooth edges. 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.

Sand rough areas and dull glossy surfaces to ensure adhesion. Clean up carefully sanding residue. Repair damaged areas and spot prime or prime total surface, where necessary.

Wood: Unpainted wood or wood in poor condition should be sanded smooth and clean up carefully to remove dust. If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner prior to seal knots and sap streaks with shellac. Prime entire surface with the appropriate primer.

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.

Prime entire surface with the appropriate primer.

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 Expert* 891-130 or *Sico Ecosource* 850-130;
- 2 coats: *Sico Expert* 891-6XX.

Concrete and masonry:

- Rough surfaces: *Sico Expert* block filler 675-115;
- Smooth surfaces: *Sico Expert* 891-130 or *Sico Ecosource* 850-130;
- 2 coats: *Sico Expert* 891-6XX.

New or bare wood:

- Bare wood (except rich in tannins wood, such as cedar or redwood): *Sico Expert* 870-177 or 890-114; some wood species, prone to staining, may require two coats. Let dry each coat for 12 to 16 hours.
- Bare wood (all): *Sico Expert* primer 880-124;
- 2 coats: *Sico Expert* 891-6XX.

Ferrous metal and rusted galvanized metal:

- 1 coat: *Sico Expert* 922-060;
- 2 coats: *Sico Expert* 891-6XX.

Non-rusted galvanized metal, aluminum or copper:

- 1 coat: *Corrostop Ultra* 635-045;
- 2 coats: *Sico Expert* 891-6XX.

Previously painted surfaces 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* 891-6XX, one or two coats as required.

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%.

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:
 - Walls: 10 mm (3/8 in.);
 - Ceilings: 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

Clean tools with warm, soapy water.

Storage and Transportation

Keep in a dry and ventilated area, between 10 and 30°C (50 and 86°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. When using more than one container of the same colour, intermix to ensure colour uniformity. Apply only when air, surface, and product temperatures are between 10°C (50°F) and 32°C (90°F).

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. **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: Contains: Nepheline syenite; titanium dioxide; Limestone; Kaolin; Diatomaceous earth; Nonylphenol, branched, ethoxylated (EO>14 mol). 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

- Wait for its full curing before washing the product or testing its adhesion: minimum 30 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature). Use a non-abrasive cleaner and a soft cloth. The use of a cleanser or a technique that is too abrasive affects the appearance of the surface.
- If required, touch up bare areas with primer and apply another coat on the whole surface.

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