



TECHNICAL DATA SHEET

SICO MAINTENANCE 919-040

INTERIOR LATEX PRIMER-SEALER

Water-based product, white

Product Description

Latex primer-sealer for new or previously painted interior latex surfaces. It can be applied on new gypsum boards, drywall joint compound or masonry.

Advantages

- Easy to apply.
- Dries quickly and has very little odour.
- 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.

Colour

919-040 White

Projects

Environment

Interior only.

Use

New work only.
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

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*

Not available

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: < 50 g/L
Canadian regulation: < 200 g/L

Viscosity*

Ready to use (104 ± 5 Krebs Units)

Density*

1.3 ± 0.1 kg/L

Solids by Volume*

28%

Solids by Weight*

46%

Flammability

Non flammable

Flash Point*

Not applicable

Spreading Rate per Coat

3.78 L: 46 to 51 m² (500 to 550 ft²)
43.2 m² per 3.78 L at 1 mil D. F. T.
11.4 m² per litre at 1 mil D. F. T.

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

Minimal Film Thickness*

(According to the maximum spreading rate)

- Wet: 2.9 mils (74 µm)
- Dry: 0.9 mils (23 µm)

Drying Time*

- Touch dry: 30 minutes
- Dust free: 2 to 4 hours
- Before recoating: 4 to 6 hours
- Full curing: 14 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: 919-040

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, solid and dry. Remove all dust, dirt, oil, soot, wax, mildew, loose paint and other surface contamination.

- ▶ Bare surfaces: Sand the grout surface and regularly remove the residue.
*Avoid sanding the bare gypsum.
- ▶ Painted surfaces: Clean with an appropriate cleaner for removing the contaminant.
- ▶ 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 any dirt or contaminant.
- Concrete and masonry: Must be at least 28 days old, completely dry and free of any efflorescence salts.
- ▶ 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.
- ▶ Repair holes and cracks with joint compound suitable for the surface to be repaired.
- ▶ If wood exudes resin, scrape the excess and clean with alcohol or paint thinner. Sand for a smooth finish. Eliminate sanding residues. Seal knots and sap streaks with shellac before applying the primer.

For optimal results, especially on tough stains, it is recommended to apply a base coat. Before its application, cover or mask surfaces that are not to be painted.

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.

Contact your local representative for any additional surface preparation guidelines.

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:

- 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

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 5 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.

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet.

Systems recommendation according to surfaces

Gypsum board, dry joint cement or stucco:

- *Sico Maintenance* 919-040 primer-sealer.
- *Sico Maintenance* or *Sico Expert* interior top coats of your choice; two coats.

Concrete and masonry:

- Rough surfaces: *Sico Expert* block filler 675-115;
- Smooth surfaces: *Sico Maintenance* Primer-sealer 919-040;
- *Sico Maintenance* or *Sico Expert* interior top coats of your choice; two coats.

New or bare wood:

- Bare wood (except rich in tannins wood, such as cedar or redwood): *Sico Maintenance* 919-040 primer, some wood species, prone to staining, may require two coats. Let dry each coat for 12 to 16 hours.
- Woods rich in tannins, such as cedar or redwood required the *Sico Expert* 880-124 primers;
- *Sico Maintenance* or *Sico Expert* interior top coats of your choice; two coats.

Application

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

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.

Sand rough spots with a fine sandpaper (120 to 220-grit) and vacuum the residual sanding dust.

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

Provide adequate ventilation. Observe drying time between coats. Low temperatures or high humidity will affect drying time.

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

Safety Measures

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. Use personal protective equipment as required. Wear eye or face protection. Avoid contact with skin. Avoid breathing spray mists.

Warning: Suspected of causing cancer. Emits toxic fumes when heated. Wear protective gloves. Wear protective clothing. Store locked up.

First aid treatment: Proved 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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