

Product Description

Ideal for use on properly prepared, exterior wood, brick, stucco, fibre cement board, masonry, concrete, weathered aluminum siding, weathered vinyl siding, and primed metal substrates.

Ideal for use when a flat finish is desired.

Features

- Weather Resistant
- Paint and Primer.
- Durable
- Formulated to resist mildew growth on the paint film.
- Application down to 2°C
- Easy to apply.
- Water-based product which allows tool clean-up with water.

Available Colours

831-500	Tintable White
831-502	Medium base*
831-503	Neutral base*

*Must be tinted before use

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

Projects**Environment**

Exterior only.

Use

New and maintenance work.

Residential and commercial sites.

Exterior surfaces: walls, trim, siding, fascia-board, and eaves trough where a flat finish is desirable.

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

Opaque

Gloss Level

Flat finish

- Gloss at 60°: 0 to 5%
- Gloss at 85°: 0 to 10%

Composition

- Diluent: Water
- Binder: 100% acrylic (emulsion)

Drying*

- Touch dry: 60 to 90 minutes
- Dust free: 2 hours
- Before recoating: 4 hours
- Prior to withstanding rain: 8 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.

Spreading Rate per Coat

3.78 L: 37 m² (400 ft²)

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.

Volatile Organic Compounds (VOCs)*

- According to ASTM D3960-05: < 50 g/L
- Canadian regulation: < 100 g/L

Solids by Volume*

41.4%

Flammability

Non flammable

Minimal Film Thickness*

(According to the maximum spreading rate)

- Wet: 102 µm
4.0 mils
- Dry: 42 µm
1.7 mils

*Technical data source: 831-500

Surfaces

- Ideal for use on properly prepared, exterior wood, brick, stucco, fibre cement board, masonry, concrete, weathered aluminum siding, weathered vinyl siding, and primed metal substrates.

Notes

- **Do not paint vinyl or plastic with a colour darker than the original to prevent potential warping due to heat absorption.**
- **Do not use on roofs, floors, or patios.**
- Some colours, or drastic colour changes, may require additional coats of paint.
- Drying will take longer at low temperatures or under high conditions of humidity.
- Not formulated to be used on bare ferrous metals (iron, steel).
- Do not mix with other paints or thinners.

SATISFACTION GUARANTEED: The manufacturer warrants your complete satisfaction with the performance of this product for as long as you own or reside in your home when our product has been applied and maintained according to label directions. This satisfaction guarantee is non-transferable. The manufacturer does not warrant against problems with the product which are caused by factors beyond its control, such as structural defects, damage to the coating film by others, poor condition of the substrate, improper application, etc. If not satisfied as warranted, return the unused portion along with sales receipt to place of purchase. You will receive as your exclusive remedy either a refund of the price paid for the product or replacement with product of equal value. This warranty specifically excludes labour or costs of labour for the removal or application of any coating and indirect, special, consequential, and incidental damages.

Surface Preparation

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Blistering and peeling issues are commonly caused by moisture behind the paint film. Problems leading to excessive moisture in the substrate must be repaired prior to painting. Putty all nail holes and caulk all cracks or open seams. Sand all glossy, rough, and patched surfaces. When applied to an uncoated substrate, two coats are required, with the first coat acting as the primer. Apply an appropriate specialty primer on all special substrates, such as tannin staining wood, new or chalky masonry, and bare metal.

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.

Clean up carefully sanding residue.

Concrete, Stucco or Masonry: Must be completely dry, free of efflorescence, and allowed to cure for 30 days prior to painting.

Apply an appropriate speciality primer on all special substrates such as tannin staining wood, new or chalky masonry, and bare metal.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. Wear suitable respiratory protective equipment when exposure cannot be avoided by adequate local ventilation. **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.

If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. On bare wood, seal knots and sap streaks with shellac before applying the primer.

Once the surface is dry and free of any contaminant, apply following the recommended application conditions.

Recommendations

Application Conditions

Temperature: + 2 to 32°C (35 to 90°F)
(ideal 20°C ± 5°C [68°F ± 9°F])

Relative humidity: Ideal between 15 and 55%, maximum 85%.

Surface must be at a temperature at least 3°C (36°F) higher than dew point. Do not apply in direct sunlight or during windy conditions.

When relative humidity is higher than 50%, multiply the above mentioned time by two.

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

PROTECT FROM FREEZING. Keep in a dry and ventilated area, between 10 and 30°C (50 and 86°F).

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.

Recommended Primers

• Bare wood: GOPRIME® 150-135 or 200-135.

On plywood and on tannin staining wood, such as cedar and mahogany, use GoPrime 200-135.

• Concrete, brick, stucco, asbestos, masonry: No primer is required. In warm weather, wet the surface with water before applying the first coat.

• New or bare ferrous metal (iron, steel): Corrostop Ultra 635-060 or 635-085.

• New galvanized metal: Corrostop Ultra 635-045 or GoPrime 190-135.

• Previously painted latex surfaces in good condition: No primer is required.

• Surfaces in good condition previously painted with a gloss finish alkyd-based paint: Sanding is required to provide better results.

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 2°C (35°F) and 32°C (90°F) and at least 3°C (5°F) above the dew point. Air and surface temperatures must remain between 2°C (35°F) and 32°C (90°F) for the next 24 hours. Avoid painting in direct sunlight or on hot surfaces. Do not apply late in the day when dew and condensation are likely to form or if rain or snow is expected within 48 hours. On large expanses of metal, temperatures must be 10°C (50°F) or higher. DRYING: Allow minimum 4 hours before recoating at 25°C (77°F) and 50% relative humidity, and minimum 24 hours at 2°C (35°F). Drying times listed may vary depending on temperature, humidity, colour, film build, and air movement. Wait at least 30 days before cleaning the surface and use a non-abrasive, mild cleaner.

1 or 2 coats as needed.

Keep containers closed when not in use.

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

Safety Measures

CAUTION. DANGER OF COMBUSTION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard. Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. 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 isothiazolinones. May cause allergic reaction. Contains: nepheline syenite; titanium dioxide; talc, not containing asbestos; zinc oxide; diatomaceous earth; kaolin; crystalline silica, respirable powder (<10 microns); crystalline silica, respirable powder (>10 microns). 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

- 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).
- The level of sun exposure drive the maintenance frequency. Chalking and colour fading are natural aging characteristics between maintenance coats.
- Maintenance varies according to usage and place. To maintain the products protective characteristics, apply a maintenance coat when visibly required.

PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-866-660-2220.



PPG Architectural Coatings Canada, Inc.
1550 rue Ampère, Suite 500
Boucherville (Québec), J4B 7L4

The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. Sico is a registered trademark of the PPG Architectural Finishes, Inc..