



Same formula, new name

TECHNICAL DATA SHEET
PROLUXE® SIK48003C
HIGH PERFORMANCE TRANSLUCENT FINISH FOR DOORS AND WINDOWS
DOOR & WINDOW WOOD FINISH™
Solvent-based product, satin finish

Product Description

High performance coating offering optimal protection to wood doors, garage doors, windows.

Features

- High-solids alkyd formula, three-coat application
- Water-repellent with an exceptional finish: enhance your outdoor decor.
- Allows natural characteristic and grain of wood to show through.
- Microporous & flexible: minimizes blistering and cracking due to the expansion and contraction or moisture build-up.
- Its powerful UV absorbers protect colour and wood substrate.
- More resilient alternative to exterior varnishes and polyurethanes.
- Contains a mildew-resistant preservative.

Available Colour

SIK48003C Clear DO NOT TINT.

Projects

Environment

Exterior only.

Use

- New and maintenance work.
- Use on properly prepared outdoor wood.
- Use on exotic hardwoods may affect coverage, dry time and durability.

Surfaces

Outdoor wood of entrance doors, garage doors and window frames and fibreglass doors.

Notes

- Do not apply *Door & Window Wood Finish* when rain, dew, or frost are forecast within 48 hours of application.
- The moisture content of wood must be below 18%.
- High and continuous moisture content or insufficient ventilation of wood prematurely reduce the product durability or can cause peeling.
- Previous coatings must be completely removed.
- Not to be applied over shellac.
- This product is not to be mixed with other wood finishes or thinners.

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

Appearance

Translucent

Gloss Level

Satin finish

Composition

- Diluent: Hydrocarbons
- Binder: Alkyd

Drying*

- Touch dry: 12 hours
- Before recoating: 24 hours
- Prior to withstanding rain or dew: 48 hours
- Full curing: 7 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

On smooth surfaces or hardwoods, approximately 32 to 42 square metres (350 to 450 sq. ft.) per 3.78 L.

Coverage figures may vary depending on the type, age and texture of the wood and application method.

Volatile Organic Compounds (VOCs)*

- According to ASTM D3960-05: < 350 g/L
- Canadian regulation: < 350 g/L

Solids by Volume* 54%

Flammability Flammable

Flash Point 47°C (116°F)

*Technical data source: SIK48003C

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 thoroughly clean and dry. Remove all dust, dirt, grime, mildew, oil, loose wood fibres mill glaze, previous coatings and other contaminants before application.

Spray all wood surfaces with clean water, completely wetting the wood. Apply a cleaning solution of 120 g of 100% powdered Tri-Sodium Phosphate (TSP) in 1 L of liquid bleach and 3 L of water to the wood surfaces with a garden sprayer or a heavy nap roller cover. Scrub surface with a hard-bristle brush for 15–20 minutes to help remove mill glaze or weathering. **Do not allow the solution to dry on the wood surface.**

Power-wash wood surface clean with fresh water using 500–800 psi with the nozzle 8–12 inches away to remove cleaning solution. *If water beads, surface preparation must be repeated.* Allow the surface to dry for 48–72 hours.

Sand all cleaned wood using 80–120 grit sandpaper. Always sand in the direction of the wood grain and remove sanding dust.

Finish should be applied within four weeks of preparation provided that the surface remains free of dirt, grease, grime and mildew.

NEW AND WEATHERED UNCOATED WOOD: Clean and prepare all wood surfaces as specified under SURFACE PREPARATION. Sand door and window surface using 80–120 grit sandpaper prior to application of product.

EXOTIC HARDWOOD: Ipe, mahogany, iron wood, tiger wood, teak and other exotic hardwoods exhibit a dense cell structure which may reduce the ability of a coating to penetrate the wood surface. Clean and prepare surfaces as specified under SURFACE PREPARATION. Immediately prior to applying coating, wipe surface with acetone.

PREVIOUSLY COATED WOOD: Previous coatings must be completely removed prior to application. Once previous coating is removed, clean and prepare surface as specified under SURFACE PREPARATION.

FIBREGLASS DOOR:

Contact *Sico* Technical Support for further details.

After surface preparation, allow wood to thoroughly dry.

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. 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.

Application

Buy sufficient product for the whole job. Stir thoroughly before and often during use. Do not thin.

Before starting, apply to a small area and allow stain to dry to ensure acceptable appearance and penetration.

For best UV protection, replace the first coat or the first and the second coat by *ProLuxe* “1 PRIMARY COAT RE” (the use of “1 PRIMARY COAT RE” will affect the final colour). Before starting, apply to a small area and allow full-system to dry to ensure acceptable colour, appearance, and penetration.

Apply when air and surface temperatures are 10 to 32°C (50 to 90°F). Do not apply in direct sunlight, if rain, snow, heavy dew or low temperatures below 4°C (40°F) are expected within 48 hours. Application using a soft, long-haired natural bristle brush is the preferred method. **Roller or spray application is not recommended.**

Apply one even medium coat, in the direction of the grain avoiding heavy application. To help avoid lap marks, apply to only a few boards at a time, and maintain a wet edge. Saturate all end grains, nail holes and cracks in the wood.

Allow to dry a minimum of 24 hours.

Apply a second coat. Let surface dry a minimum of 24 hours.

Apply a third coat. Apply in the direction of the grain.

Coat all sides of doors.

NOTE: Tannin containing woods such as redwood, red cedar, mahogany, Douglas fir contain tannic acid which tends to migrate to the surface and can discolour the finish. The discolouration is not harmful and can usually be removed by cleaning with a solution of 120 g of oxalic acid to 3.78 L of warm water. Apply with a garden sprayer or heavy nap roller cover. Allow to sit on surface for 20 minutes. Rinse thoroughly with clean water. **Do not allow solution to dry on wood surface.**

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

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.

Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight, if rain, snow, heavy dew, or low temperatures below 4°C (40°F) are expected within 48 hours.

Tools

- Paintbrush: Natural bristles and/or solvent resistant synthetic bristles.
- Roller: 10 mm (3/8 in.);
- *Spray (explosion-proof airless equipment)
 - Tip size: 0.011 to 0.015 in.;
 - Pressure: 700 to 800 psi.

Always use top quality application tools.

*Spray recommendations may vary from figures listed depending on equipment manufacturer.

** Roller or spray, back brush immediately on the surface.

Cleaning Tools

Remove as much product quantity as possible and clean tools with mineral spirits immediately after use. **Danger of combustion.** Materials such as rags used with this product may begin to burn by themselves. After use, put rags in a sealed, water-filled, metal container, or lay flat to dry, then discard.

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.

Disposal

Consult your municipality in order to dispose of residues according to environmental regulations. Do not pour down a drain or storm sewer.

Safety Measures

Before use, be sure to read and follow the instructions and 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.

CAUTION: DANGER OF COMBUSTION. MAY IRRITATE EYES.

Do not swallow. Avoid contact with eyes or skin. Avoid breathing spray mists. Wear protective gloves and eye/face protection: Chemical splash goggles. Use chemical-resistant, impervious gloves. Keep away from flames or sparks. **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.

FIRST AID: If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call poison centre or doctor/physician.

Emergency spill information: 1-514-645-1320 or 1-800-463-7426.

Surface Maintenance

- Wait for its full curing before washing the product or testing its adhesion: minimum 7 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature).
- The level of sun exposure, and the quality of ventilation of the structures drive the maintenance frequency. Chalking is natural ageing characteristic between maintenance coats.
- Maintenance varies according to usage and place. Proper maintenance starts with visual inspection. A maximum timeframe of 2 to 3 years on the south and west exposures and 3 to 4 years on the north and east exposures can be used as a general guideline. However, as weathering, exposure conditions, altitude, and applications can vary, maintenance may be needed sooner and should be performed when visually necessary, regardless of timeframe. Before the application of a maintenance coat, clean and prepare surface as specified under SURFACE PREPARATION. Let the surface dry for 3 days after power washing. Apply one coat of finish.
- High and continuous moisture content or insufficient ventilation of wood prematurely reduces the product durability or can cause peeling.

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.

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