



Same formula, new name

TECHNICAL DATA SHEET
PROLUXE® SIK250XXC
TRANSLUCENT EXTERIOR WOOD FINISH
SRD RE WOOD FINISH™
Solvent-based product, matte finish

Product Description

ProLuxe SRD RE Wood Finish is a one-coat high-quality, translucent finish for use on a variety of properly prepared exterior wood surfaces such as siding, rails, decks and deck furniture.

The easy-to-use finish has excellent UV protection and highlights the natural texture of wood.

Features

- One-coat high-quality, translucent water-repellent finish makes maintenance of exterior surfaces easier.
- Enhances the beauty of the wood without concealing the grain.
- High-solid alkyd-oil formula for a long-lasting, rich wet look.
- Contains penetrating natural oils providing good wood surface penetration for optimum protection against flaking.
- Its translucent iron oxide pigments amplify depth of colour, clarity and substrate protection.
- Its powerful UV absorbers protect colour and wood substrate.

Available Colours

SIK250005C	Natural Oak	SIK250009C	Dark Oak
SIK250045C	Mahogany	SIK250072C	Butternut
SIK250077C	Cedar	SIK250078C	Natural
SIK250085C	Teak	SIK250094C	Ebony
SIK250096C	Fog Grey		

Projects

Environment

Exterior only.

Use

New and maintenance work.

Use on properly prepared outdoor wood decks, sidings and rails.

Apply to new, dry, pressure-treated wood or weathered uncoated wood.

Use on exotic hardwoods may affect coverage, dry time and durability.

Surfaces

Exterior bare wood vertical and horizontal surfaces:

- pine, spruce, treated wood, cedar, redwood, kiln dried hardwood;
- log and even weathered for more than a year exotic wood.

Notes

Previous coatings must be completely removed.

The moisture content of wood must be between 12% and 18%.

High and continuous moisture content, insufficient ventilation of wood or intensive circulation (decks) prematurely reduce the product durability or can cause peeling.

There is a strong possibility that a change in colour will occur on kiln dried hardwood coated with this product when exposed to UV radiation.

Not to be applied over shellac.

Do not use this product as a primer.

This product is not to be mixed with other products.

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.

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

Appearance

Translucent

Gloss Level

Matte finish

Composition

- Diluent: Hydrocarbons
- Binder: Alkyd & Penetrating linseed oil in solution

Drying*

- Touch dry: 12 hours
- Prior to withstanding rain or dew: 48 hours
- Prior to light foot traffic: 48 hours
- Prior to heavy foot traffic: 72 hours
- Before replacing the furniture: 72 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 rough and weathered surfaces, approximately 14 to 19 square metres (150 to 200 sq. ft.) per 3.78 L.

On smooth surfaces or hardwoods, approximately 23 to 37 square metres (250 to 400 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)* < 275 g/L

Solids by Volume* 67%

Flammability Flammable

Flash Point 49°C (120°F)

*Technical data source: SIK250005C
(Data may vary with product colour)



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

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 hours or until the moisture content is less than or equal to 18% before application.

Sand all cleaned wood using 80–120 grit sandpaper for vertical surfaces and 60–80 grit sandpaper for horizontal surfaces. Always sand in the direction of the wood grain and remove sanding dust.

Finish should be applied within one week of preparation for horizontal surfaces (decks) and four weeks for vertical surfaces (siding), 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. Pressure treated wood must be properly 6 weeks seasoned, dry with a moisture content of 18% or less and free of salts and other water-soluble materials. Water-repellent treated lumber requires minimum one year of weathering.

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.

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

CAUTION: Surfaces are slippery when wet; use caution when walking on wet surfaces.

Test wood for absorbency by sprinkling water on the surface — if water is absorbed within 30 seconds to 2 minutes, depending on climate, the surface is ready for finishing. If water is not absorbed, wait 30 days and retest.

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.

When using more than one container of the same colour, intermix to ensure colour uniformity.

Apply only one coat, 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. If applied by roller or airless sprayer, back brush immediately to ensure penetration and to avoid an uneven finish. For airless spray, use a .011—.015 in., tip at 700 – 800 psi, adjust pressure as needed.

Apply only one even 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, cracks in the wood and the back of all boards if possible. For maximum protection, apply on all six sides.

Product dries to light foot traffic in 48 hours. Wait 72 hours before replacing furniture.

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.

Application (continued)

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.

Safety Measures

DANGER POISON - IRRITANT READ INSTRUCTIONS BEFORE USING. DANGER OF COMBUSTION. CONTENTS HARMFUL. MAY IRRITATE EYES. Do not swallow. Do not get in eyes. 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. Keep out of reach of children. Wear protective gloves and eye/face protection: Chemical splash goggles. Use chemical-resistant, impervious gloves. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID TREATMENT:** Contains: solvent naphtha (petroleum), medium aliph.; titanium dioxide; silicon dioxide; Stoddard solvent; 2-methoxy-1-methylethyl acetate; Distillates (petroleum), hydrotreated light; proprietary glycol ether; Silica, amorphous, fumed, cryst.-free; carbon black; xylene; 2-butanone oxime; Limestone; cobalt bis(2-ethylhexanoate); ethylbenzene. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. **SUSPECT CANCER HAZARD - MAY CAUSE CANCER.** Risk of cancer depends on duration and level of exposure. Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapour may affect the central nervous system. Repeated exposure to high vapour concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. 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 (Canada). **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 7 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature).
- To maintain the products protective characteristics, apply a maintenance coat when visibly required.
- Proper maintenance starts with visual inspection and a water absorption test. A maximum timeframe of 2 - 3 years on the south and west exposures and 3 - 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. Chalking and colour fading are natural ageing characteristics between maintenance coats.
- Before the application of a maintenance coat, clean and prepare surface as specified under "SURFACE PREPARATION" and allow the surface to dry 2 - 3 days. Apply one coat of ProLuxe *SRD RE Wood Finish*.
- **NOTE:** Areas that show minimal wear should only be lightly coated. Hardwoods and lighter colours may require more frequent maintenance.
- High and continuous moisture content, insufficient ventilation of wood or intensive circulation (decks) 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.



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 and *ProLuxe* are registered trademarks of PPG Architectural Finishes, Inc.