



Same SIKKENS® formula, new name

TECHNICAL DATA SHEET
PROLUXE® SIK710XXXC
SOLID COLOUR EXTERIOR STAIN
RUBBOL® SOLID
Water-based product, low sheen finish

Product Description

Rubbol Solid is a premium, solid colour stain for decks, fences, siding, outdoor furniture and play sets.

This low sheen acrylic/alkyd stain is for exterior horizontal or vertical wood surfaces and offers excellent durability and protection for the most demanding applications.

Features

- Acrylic water-repellent formula that preserves the beauty of the wood.
- Ideal for all vertical and horizontal surfaces.
- Bonds to bare wood and most previously coated surfaces.
- Water-based microporous product allowing wood to breathe; minimizes the occurrence of peeling and blistering.
- Exceptional UV resistance to slow colour fade.
- Provides superior wood surface penetration & colour retention.
- Contains a mildew-resistant preservative.

Available Colours

SIK710100C	White
SIK710110C	Light base*
SIK710120C	Medium base*
SIK710140C	Deep 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.

Use on properly prepared outdoor wood, including decks, fences, siding, railings, garden furniture and other wood surfaces.

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

Surfaces

New or bare wood: wood, pressure-treated wood, pine, cedar.

Composite woods weathered for more than a year.

Can be applied over old well-prepared finishes: paint, stains.

Notes

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

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

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

Not to be used on torrefied wood.

This product is incompatible with preservatives and waterproof stains containing wax.

Exotic woods must be weathered for more than one year before doing an adhesion test on a small area.

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

Solid colour

Gloss Level

Low sheen finish

Composition

- Diluent: Water
- Binder: Acrylic and Alkyd (emulsion)

Drying*

- Touch dry: 3 hours
- Before recoating: 4 to 6 hours
- Prior to withstanding rain or dew: 48 hours
- Prior to light foot traffic: 24 to 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 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)*

- According to ASTM D3960-05: < 100 g/L
- Canadian regulation: < 250 g/L

Solids by Volume* 42%

Flammability Non flammable

*Technical data source: SIK710100C
(Data for colour and tint bases may vary)



Surface Preparation

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

Remove loose, peeling stain or paint by sanding, scraping or wire brushing.

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) or phosphate-free substitute 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 surfaces 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 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.

Tannin containing woods such as redwood, red cedar, mahogany, Douglas fir, etc. contain tannic acid which tends to migrate to the surface and can discolour the finish, especially noticeable when using white or light colours. The discolouration is not harmful. To avoid discolouration, apply an alkyd base stain blocking primer.

Pressure treated wood must be properly seasoned, dry and free of salts and other water-soluble materials prior to coating.

Water-repellent treated lumber requires minimum one year of weathering.

PREVIOUSLY COATED WOOD: Clean and prepare surface as specified under SURFACE PREPARATION.

After surface preparation, allow wood to thoroughly dry. Spot prime bare areas with this product.

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 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 nylon-polyester 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 .015 — .019 in., tip at 1200 — 1600 psi, adjust pressure as needed.

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

Apply second coat once first coat has dried.

A TWO-COAT APPLICATION IS RECOMMENDED FOR OPTIMAL PERFORMANCE.

Product dries to light foot traffic in 24 - 48 hours. Wait 72 hours to replace 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 10°C (50°F) are expected within 48 hours.

Tools

- Paintbrush: nylon-polyester bristle
- Roller: 10 mm (3/8 in.);
- *Spray (explosion-proof airless equipment)
 - Tip size: 0.015 to 0.019 in.;
 - Pressure: 1200 to 1600 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 lukewarm soapy water 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

PROTECT FROM FREEZING.

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 the 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

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. Avoid contact with eyes or skin. Avoid breathing spray mists.

CAUTION: DANGER OF COMBUSTION.

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.

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 14 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 and colour fading are natural ageing characteristics between maintenance coats.
- Maintenance varies according to usage and place. To maintain the products protective characteristics, apply a maintenance coat when visibly required. A maximum timeframe of 2 to 3 years for decks and 5 to 8 years on siding 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. Areas that show minimal wear should only be lightly coated. Light colours may require more frequent maintenance.
- High and continuous moisture content or insufficient ventilation of wood prematurely reduces the product durability or can cause peeling.

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