

Product Description

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

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

Recommended Uses

New and maintenance work.
Residential and commercial sites.
Decks, railings, fences, siding, outdoor furniture and wood play sets.
Exterior only.

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 (except for water-repellent stains containing wax).

Features & Benefits

- Acrylic formula that preserves the beauty of the wood.
- Water-based microporous product allowing wood to breathe.
- Provides superior wood surface penetration & colour retention.
- Bonds to bare wood and most previously coated surfaces.
- Contains a mildew-resistant preservative.
- Withstands the effects of weather without fading, or cracking.
- Microporous; Minimizes the occurrence of peeling and blistering.
- Dries rapidly and has only very little odour.
- Ready for use and easy to apply.
- Low VOC content complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

Colour Range

Consult your retailer for more information on product and size availability.

- SIK710100 White
- SIK710110 Light base
- SIK710120 Medium base
- SIK710140 Deep base

Notes

The moisture content of wood must be between 12% and 18% when applying.
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 the application.
Notice: High and continuous moisture content, insufficient ventilation of wood or intensive circulation (decks) prematurely reduces the product durability or can cause peeling.
This product is not to be mixed with other products.

Characteristics (21°C (70°F))

Appearance	Solid colour
Finish	Low lustre finish
Composition	<ul style="list-style-type: none"> • Diluent: Water • Binder: Acrylic and Alkyd (emulsion)
Flammability	Non flammable
Flash Point*	Not applicable
Viscosity*	Ready to use (80 ± 5 Krebs Units)
Density*	1.3 ± 0.1 kg/L
Solids by Weight*	55%
Solids by Volume*	42%
Volatile Organic Compounds (VOCs)*	<p>According to ASTM D3960-05: < 100 g/L</p> <p>Canadian regulation: < 250 g/L</p> <p style="text-align: right;">*Technical data source: SIK710100</p>

Recommendations

- Tools**
- Paintbrush: Synthetic bristles (nylon, polyester).
 - * Spray (airless equipment)
 - tip size: 0.015 - 0.019 in
 - Pressure: 1200 to 1900 psi.
 - * Spray recommendations may vary depending on manufacturer.
 - ** Roller or spray, back brush immediately on the surface.

Spreading Rate per Coat

3.78 L: 23 to 37 m² (250 to 400 ft²)
(Excluding losses caused by variations in application methods or surface porosity)

Cleaning Tools

Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use. Clean spills right away with a damp cloth.

Drying Time*

- Touch dry: 3 hours
- Before recoating: 24 hours
- Prior to withstanding rain: 24 hours
- Prior to light foot traffic: 24 to 48 hours
- Prior to normal foot traffic: 48 hours
- Before replacing the furniture: 72 hours
- Full curing: 14 days

If relative humidity is higher than 50%, required time must be doubled.

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 50%, maximum 85%.
Do not apply when dew is imminent, in direct sunlight, on a warm surface or during windy conditions.
Application conditions must be maintained during stain application and drying.
Do not apply if lower temperatures are expected within 3 to 6 hours.
Do not apply when rain is expected within 24 hours.
High humidity or low temperatures extend drying time.

Surface Preparation

All surfaces must be thoroughly clean, solid and dry. Remove all dust, dirt, chalking, oil, wax, mildew, sanding dust, mill glaze, poorly adhering old coatings, natural extractives and other surface contamination. Follow the preparation steps, as described below:

▶ Spray all wood surfaces with clean water, completely wetting the wood.

→ Mix a solution of 120 g (4 ounces) of 100% powdered Tri-Sodium Phosphate (TSP) in 3 litres of water then add 1 litre of liquid bleach.

OR: Use a phosphate-free substitute in accordance with the fabricant's directions for use. Apply, scrub and power wash as describe below. Then wash with a solution of household bleach (1 part household bleach to 3 parts of water).

Wear rubber gloves and eye protection.

→ Apply one of these solutions with a garden sprayer or a heavy nap roller cover. Let the solution sit on the wood for 15 to 20 minutes.

During this period, scrub the surface with a hard bristle brush to help remove mill glaze and/or weathering. Do not allow solution to dry on the surface. Keep it wet.

→ Power-wash wood surface clean with fresh water using 500-800 psi with the nozzle 20 to 30 cm (8-12 in.) away to remove cleaning solution.

▶ Wood treated with a water-repellant product containing wax: Strip the surface.

▶ Surfaces in poor condition: Depending on the condition;

→ Remove all loose or peeling stain by sanding to smooth edges;

→ or remove any trace of stain with a stripper or a pressure jet.

▶ Composite wood surfaces: Clean and prepare surface. Do not sand composites wood.

▶ New or bare wood: Sand cleaned wood using 80-120 grit sandpaper for vertical surfaces and 60-80 grit sandpaper for horizontal surfaces. Always sand in direction of the wood grain.

▶ Eliminate sanding residues.

Precaution: Dry sanding, flame cutting and/or welding of dry stain film will give rise to dust and/or hazardous fumes. Wet sanding should be used, wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

▶ Old cracked or warped boards must be replaced.

▶ Fill all joints, cracks and nail holes with a high quality joint compound. Let cure prior to applying the product.

NOTICES:

▶ At the end of the surface preparation, test wood for absorbency by sprinkling water on the surface – if water is absorbed within 30 sec.- 2 min., depending on climate, the surface is ready for finishing. If water is not absorbed, wait 30 days and re-test.

▶ Once the surface is free of any contaminant, allow wood to dry at least 48 hours in dry weather or until it has reached a moisture content of 18% or less before to apply the product under the recommended conditions of application.

If there are any glossy patches or loose coating left, scuff sand with 80-grit sandpaper.

▶ Once the surface is free of any contaminant, wait 16 hours after light rain and 24 hours after moderate or heavy rain or pressure jet washing before to apply the product under the recommended conditions of application.

▶ During application, moisture content of wood substrate must be between 12% and 18%.

CAUTION:

Floors are slippery when wet. Use caution when walking on wet surfaces during preparation and application.

Application

This is a ready-to-use product, do not thin. Stir thoroughly the product before and during application.

Before starting, test your colour choice on a small area.

Intermix batches for colour consistency. Pour the quantity of product needed into another container to avoid contaminating the original container. Keep containers closed when not in use.

APPLY OUTDOORS.

Apply evenly, in the direction of the grain avoiding heavy application. Air and surface temperature must be between 10°C (50°F) and 32°C (90°F). Application using a brush is the preferred method, if not back brush immediately to ensure penetration and to avoid an uneven finish.

Do not apply in direct sunlight, if rain, snow, heavy dew or low temperatures below 10°C (50°F) are expected within 48 hours. Follow the spreading rate.

For maximum protection, wood must be stained on all 6 sides. Saturate all end grains, nail holes and cracks in the wood.

To help avoid lap marks, stain only a few boards at a time and keep a wet edge.

Apply second coat once first coat has dried. Observe drying time between coats. Low temperatures or high humidity will affect drying time. Applying two finishing coats will provide better durability and appearance.

Wait 72 hours before replacing furniture on the deck.

NOTE: 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. The discolouration is not harmful and can usually be removed by cleaning with a solution of

Water-based product, low lustre finish

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 min. Rinse thoroughly with clean water. DO NOT ALLOW solution to dry on wood surface.

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

Systems recommendation according to surfaces

New or bare wood:

- Apply first coat of Rubbol Solid to properly prepared surfaces. Saturate all end grains.
→ Let surface dry for minimum of 24 hours.
- Apply second coat in the same way.
→ Let surface dry for minimum of 24 hours.

Previously coated surfaces:

- Apply 1 or 2 coats of Rubbol Solid. Saturate all end grains. Allow dry-time between coats.

Surface Maintenance

- Wait for its full curing before washing the stain or testing its adhesion: minimum 14 days.
- Maintenance varies according to usage and place. To maintain the products protective characteristics, apply a maintenance coat when visibly required. Areas that show minimal wear should only be lightly coated. Light 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.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children.

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. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapors, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection.

Use only in well ventilated areas. Do not intentionally breathe vapour. FIRST AID TREATMENT: FIRST AID TREATMENT If in eyes or on skin, rinse well with water. If breathed in, move person to fresh air. If swallowed do not induce vomiting. Call poison centre or physician immediately.

Storage and Transportation

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

AVOID FREEZING.

Shelf Life: 2 years, unopened stored away from excessive heat/direct sunlight.

Guarantee

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.

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