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| <p>Product Description Alkyd formulation, translucent coating for exterior wood decks, their railings and lattices. Offers optimal protection on pressure-treated wood, cedar, redwood, pine, hardwood and lumber.</p> | <p>Characteristics (21°C (70°F)) Appearance Translucent Finish Satin finish Composition • Diluent: Hydrocarbons • Binder: Alkyd Flammability Combustible liquid Flash Point* 58°C (136°F) Viscosity* Ready to use (55 ± 5 Krebs Units) Density* 0.9 ± 0.1 kg/L Solids by Weight* 65% Solids by Volume* 58% Volatile Organic Compounds (VOCs)* According to ASTM D3960-05: < 350 g/L Canadian regulation: < 350 g/L *Technical data source: SIK44078</p> |
| <p>Recommended Uses New or maintenance work. Residential and commercial sites. Wood decks, their railings and lattices. Exterior only. Surfaces New wood, treated wood, pine, cedar or redwood. Exotic woods that were exposed to the effects of weather for one year or more. Maintenance coat over itself.</p> | <p>Recommendations Tools • Paintbrush: Natural bristles. • **Roller: 10 mm (3/8 in.). • Spray** (airless equipment) - tip size*: 0.011 - 0.015 in - Pressure*: 700 to 800 psi. * Spray recommendations may vary depending on manufacturer. ** Roller or spray, back brush immediately on the surface. Spreading Rate per Coat 3.78 L: 32 to 41 m² (345 to 450 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 mineral spirits immediately after use. Drying Time* • Touch dry: 4 hours • Before recoating: 24 hours • Prior to withstanding rain or dew: 5 hours • Before replacing the furniture: 3 days • Prior to light foot traffic: 72 hours • Prior to heavy foot traffic: 3-7 days • Full curing: 7 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 in direct sunlight, on a warm surface or during windy conditions. Application conditions must be maintained during product application and drying. Do not apply if lower temperatures, rain or dew are expected within 5 hours. High humidity or low temperatures extend drying time.</p> |
| <p>Features & Benefits • Ready for use and easy to apply. • Premium translucent exterior wood topcoat. • High Solids Alkyd resin with an exceptional finish: enhance your outdoor decor. • Microporous product; which is waterproof, but allows wood to breathe. • Complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.</p> | |
| <p>Colour Range Consult your retailer for more information on product and size availability. • SIK44005 Natural Oak • SIK44045 Mahogany • SIK44077 Cedar • SIK44078 Natural Notes Not recommended for outdoor furniture. Wood Finish colour Natural Light will weather faster than others. This colour is not recommended for use on darker coloured woods. The moisture content of wood must be below 18%. The density of the exotic hardwoods reduces the penetration of the coating into the wood and may require more frequent maintenance. Not to be applied over shellac. This product is not to be mixed with other products.</p> | |

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.

▶ Weathered gray wood, wood affected with blue fungi or rust from nails may be treated, after cleaning with the TSP solution, by applying a solution of 115 g of oxalic acid crystals in 4 litres of warm water.

• This solution should be allowed to sit on the affected area for 15 to 20 minutes before the final rinse with a power washer.

• DO NOT LET THE SOLUTION TO DRY ON THE WOOD SURFACE.

▶ PREVIOUSLY COATED WOOD: Previous coatings must be completely removed prior to application once previous coating is removed, clean and prepare surface.

▶ NEW OR BARE WOOD: Sand cleaned wood using 60-80 grit sandpaper . 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.

▶ Coating should be applied within 7 days.

▶ Allow wood to dry at least 48 hours in dry weather. Wood must reach a moisture content of 18% or less before finishing.

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

NOTICES: Exotic hardwoods exhibit a dense cell structure which may reduce the ability of a coating to penetrate the wood surface.

• For application on exotic hardwood, wipe the surface with acetone immediately prior to 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.

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 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 Cetol DEK Finish 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.

New pressure-treated wood:

New pressure-treated wood, allow 6 weeks of weather exposition before preparation and application.

- Apply first coat of Cetol DEK Finish to properly prepared surfaces.
→ Let surface dry for minimum of 24 hours.
- Apply second coat in the same way.
→ Let surface dry for minimum of 24 hours.

Wood treated with wax or water-repellent:

For wood treated with wax or water-repellent, allow the wood to weather for at least one year before preparation and application

- Apply first coat of Cetol DEK Finish to properly prepared surfaces.
→ Let surface dry for minimum of 24 hours.
- Apply second coat in the same way.
→ Let surface dry for minimum of 24 hours.

Surface Maintenance

- Wait for its full curing before washing the coating or testing its adhesion: minimum 7 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

CAUTION: Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Do not intentionally breathe vapour. Use only in well ventilated areas.

DANGER OF COMBUSTION. MAY IRRITATE EYES. Do not get in eyes or on skin. Keep away from flames or sparks. Keep out of reach of children. Wear eye/face protection or chemical splash goggles. Use chemical-resistant, impervious gloves. 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.

Use only in well ventilated areas. Do not intentionally breathe vapour.

FIRST AID TREATMENT: If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, clean with mineral oil, followed by soapy water then rinse well.

Contains 2-ethylhexanoic acid, zirconium salt, medium aliphatic solvent naphtha, Stoddard solvent, light aromatic solvent naphtha, 1,2,4-trimethylbenzene, hydrotreated light distillates, silicon dioxide, ethanol and xylene.

Storage and Transportation

Keep in a dry and ventilated area, between 10 and 32°C (50 and 90°F).

Shelf Life: 5 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.

This technical data sheet, No SIK440XX, replaces all previous versions.

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