

Product Description

CETOL® SRD "Reduced Emissions" 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.

Recommended Uses

New or maintenance work.
 Residential and commercial sites.
 Decks, siding, fences, shakes, shingles, docks, doors, farm buildings, trim boards and outdoor furniture.
 Exterior only.

Surfaces

Properly prepared exterior bare wood vertical and horizontal surfaces.

Features & Benefits

One-coat high-quality, translucent finish.

- Good wood surface penetration.
- 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.
 Size availability for colour and tint bases may vary.

Characteristics (21°C (70°F))

Appearance	Translucent
Finish	Matte finish
Composition	<ul style="list-style-type: none"> • Diluent: Hydrocarbons • Binder: Alkyd & Penetrating linseed oil in solution
Flammability	Combustible liquid
Flash Point*	49°C (120°F)
Viscosity*	Ready to use (20 ± 5 (Ford cup #4))
Density*	0.9 ± 0.1 kg/L
Solids by Weight*	71%
Solids by Volume*	66%
Volatile Organic Compounds (VOCs)*	According to ASTM D3960-05: < 275 g/L Canadian regulation: < 350 g/L *Technical data source: SIK-250078 (Data for colour and tint bases may vary)

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

- Smooth Wood: 23 to 37 m² (250 to 400 ft²) for 3.78 L;
- Rough Wood: 13 to 18 m² (150 to 200 ft²) for 3.78 L.

- Vary due to application methods.
- Vary due to the porosity and roughness of the wood.

Cleaning

Remove as much product quantity as possible and clean tools with mineral spirits immediately after use.

Drying Time*

- Touch dry: 6 hours
- Prior to withstanding rain: 24 hours
- Prior to circulation: 48 hours
- Prior replacing furniture: 72 hours
- Before cleaning: 7 days

When relative humidity is higher than 50%, double the required drying time.

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, under direct sunlight, on a warm surface or during windy conditions.
 Application conditions must be maintained during paint 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.

Notes

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.
 Do not use this product as a primer.
 This product is not to be mixed with other products.

Surface Preparation

Surfaces must be clean, solid, dry and free from dust, dirt, mildew, chalking, pre-existing finishes, and other foreign substances, contaminants and natural extractives. Follow the preparation steps, as described below:

► PREVIOUSLY COATED SURFACES:

- Previous coatings must be removed prior to the product application.
- For chemical removal recommendation, call 1-866-SIKKENS.

► NEW, WEATHERED AND UNCOATED WOOD SURFACES:

- New pressure-treated wood requires a 6 week drying period prior to application.
 - Water repellent treated wood requires one year of weathering prior to application.
 - Spray all other wood surfaces with clean water, completely wetting the wood.
 - Generously apply a cleaning solution 120 g (4 oz.) of trisodium phosphate (TSP) in 3 L of water, add 1 L of liquid bleach to the wood surface with a garden pump sprayer or a heavy nap roller cover.
 - Let the solution dwell on the wood for 15 to 20 minutes as you scrub the surface with a hard bristle brush to help remove loose dirt, mildew, mill glaze and greyed wood fibres.
 - DO NOT ALLOW SOLUTION TO DRY ON THE WOOD SURFACE.
 - Power wash cleaning solution from the wood with plenty of clean fresh water using 500-800 psi with the nozzle 8 to 12 inches from the surface for full effectiveness of the cleaning and to prevent any damage to the wood.
 - 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.
 - Allow the surface dry for 48 hours before applying coating.
 - Allow the surface dry and mechanically sand with #80 to 120 grit sandpaper for vertical wood surfaces and #60 to 80 grit sandpaper for horizontal surfaces after cleaning.
 - Precaution: Dry sanding, flame cutting and/or welding of dry paint 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.
 - Always sand in the direction of the wood grain.
 - Remove sanding dust.
 - CETOL SRD should be applied within 7 days for horizontal surfaces (decks) and 4 weeks for vertical surfaces (siding).
- Wood must be to the point of absorbing water for stain to penetrate properly.
- Allow wood to dry at least 48 hours in dry weather or until it has reached 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:

- Moisture content of wood must be lower than 18% during application.
- Tannin in woods such as redwood, red cedar, mahogany, Douglas fir, etc., tends to bleed and colour the finish. The colouration is not harmful and can usually be removed with a solution of oxalic acid in warm water (30 g/L). Apply and allow to sit for 20 min. Do not allow solution to dry. Rinse thoroughly with clean water.
- 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.

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 one coat to properly prepared surfaces.
- Saturate all end grains, nail holes, cavities, and cracks in the wood.
- Brush on a liberal coat and maintain a wet edge to prevent lap marks.
- Brush in the direction of the wood grain starting at one end of the wood and continuing to the other end.
- On vertical surfaces the product should be applied from the top down.

Wait 72 hours before replacing furniture on the deck.

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:

- Before starting, test your colour choice on a small area.
- Apply Cetol SRD; only one even coat, in the direction of the grain avoiding heavy application.

Surface Maintenance

- Maintenance varies according to usage and place. High and continuous moisture content, insufficient ventilation of wood or intensive circulation (decks) prematurely reduces the product durability or can cause peeling.
- To maintain the products protective characteristics, apply a maintenance coat when visibly required.

Safety Measures

CAUTION: Surfaces are slippery when wet. Take care when walking on these surfaces.

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. 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 away from flames or sparks.

FIRST AID TREATMENT: If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call Poison Control Centre or physician immediately.

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.

Product disclaimer

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. SIK250XXX, replaces all previous versions.

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