

Water-based product, satin finish, colourless

<p>Product Description</p> <p>Cetol[®] BL is a waterborne, urethane-fortified transparent satin finish, which enhances the natural beauty of the wood grain, while providing a hard wearing and scratch resistant film to protect most interior wood surfaces.</p>	<p>Characteristics (21°C (70°F))</p> <p>Appearance Colourless</p> <p>Finish Satin finish</p> <p>Composition</p> <ul style="list-style-type: none"> • Diluent: Water • Binder: Acrylic and polyurethane polymer (emulsion) <p>Flammability Non flammable</p> <p>Flash Point* Not applicable</p> <p>Viscosity* Ready to use (75 ± 5 Krebs Units)</p> <p>Density* 1.0 ± 0.1 kg/L</p> <p>Solids by Weight* 27%</p> <p>Solids by Volume* 24%</p> <p>Volatile Organic Compounds (VOCs)*</p> <p>According to ASTM D3960-05: < 250 g/L</p> <p>Canadian regulation: < 350 g/L</p> <p style="text-align: right;">*Technical data source: SIK29003</p>
<p>Recommended Uses</p> <p>New or maintenance work.</p> <p>Residential and commercial sites.</p> <p>Vertical and horizontal surfaces: Ceilings, panelling, Logs and Dry Saunas.</p> <p>Interior only.</p> <p>Surfaces</p> <p>Interior bare light-coloured wood surfaces.</p>	<p>Recommendations</p>
<p>Features & Benefits</p> <ul style="list-style-type: none"> • Ready for use and easy to apply. • Dries quickly and has very little odour. • Water-based product which allows tool clean-up with water. • Complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements. 	<p>Tools</p> <ul style="list-style-type: none"> • Paintbrush: Synthetic bristles (nylon, polyester). <p>Spreading Rate per Coat</p> <p>3.78 L: 37 to 51 m² (400 to 550 ft²)</p> <p>(Excluding losses caused by variations in application methods or surface porosity)</p> <p>Cleaning Tools</p> <p>Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.</p> <p>Drying Time*</p> <ul style="list-style-type: none"> • Touch dry: 2 hours • Before recoating: 4 to 6 hours • Full curing: 14 days <p>If relative humidity is higher than 50%, required time must be doubled.</p>
<p>Colour Range</p> <p>Colourless finish.</p> <p>Notes</p> <p>Use on bare light-coloured wood only.</p> <p>The moisture content of wood must be below 18%.</p> <p>Previous coatings must be removed prior to the application.</p> <p>Do not use as a primer.</p> <p>Not to be applied over shellac.</p> <p>This product is not to be mixed with other wood finishes or thinners.</p>	<p>Application Conditions</p> <p>Temperature: 10 to 35°C (50 to 95°F)</p> <p>(ideal 20°C ± 5°C [68°F ± 9°F]).</p> <p>Relative humidity: Ideal between 15 and 50%, maximum 85%.</p> <p>High humidity or low temperatures extend drying time.</p> <p>Conditions to be observed during both product application and drying time.</p>

Surface Preparation

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

- ▶ Remove hardware. Any hardware that cannot be removed should be covered with painters tape.
- ▶ Apply a cleaning solution of 120 g of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate-free substitute in 3 L of water to the wood surfaces. Wipe surface with a damp cloth or sponge and clear water to remove any residue. Allow to dry completely before sanding.
- ▶ 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 80-120 grit sandpaper. Always sand in direction of the wood grain. For a smoother finish, sand surface again with 180-220 grit sandpaper and wipe clean.

▶ Eliminate sanding residues.

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

- ▶ Once the surface is free of any contaminant, 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

CAUTION: Do not apply over stain; use on bare, light-coloured wood only.

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

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

Using a nylon-polyester brush, apply in the direction of the grain, a first coat leaving no bare spots or excessively coated areas, by complying with product spreading rate.

To avoid lap marks, start at one edge and follow through to the end, maintaining a wet edge.

Let surface dry for 4 to 6 hours.

Lightly sand with #220 grit sandpaper. Eliminate sanding dust.

Apply a second coat leaving no bare spots or excessively coated areas, by complying with product spreading rate.

A third coat may be applied to high-wear areas.

Tips:

- Avoid direct sunlight, which may cause uneven color because of shortened open time and poor penetration.
- It is always recommended to perform a two-coat test sample on the wood.

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 and 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 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 BL 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.
- A third coat may be applied to high-wear areas.

Surface Maintenance

The longevity of the coating depends on many factors such as daily wear and tear and exposure to ultraviolet light. Maintenance should be performed when visually necessary.

- Follow preparation procedures using the cleaning solution, reducing it to 2 ounces of powdered Tri-Sodium Phosphate (TSP) or phosphate-free substitute.
- Use a damp cloth or sponge to rinse and remove residue from the surface. Allow to dry. Fill all holes and cracks with a good quality tinted acrylic wood filler to match the colour of the project.
- Sand lightly in the direction of the wood grain with #220 to 320-grit sandpaper. Eliminate sanding dust.
- Apply one coat of the product.

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Safety Measures

Read the Material Safety Data Sheet. Keep out of reach of children. Use only in ventilated areas.

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.

FIRST AID TREATMENT: If in eyes or on skin, flush thoroughly with clear water. If swallowed, do not induce vomiting. Inhalation: If respiratory discomfort occurs, move the person to fresh air. Call Poison Control 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 heat.

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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