

#### Product Description

Water-repellent wood finish formulated for most bare exterior woods.

#### Advantages

- Unique product with an exceptional finish: enhance your outdoor decor.
- Easy to clean.
- High-solid resin made of flexible alkyd: for a long-lasting, rich wet look.
- Good wood surface penetration.
- Contains penetrating natural oils providing optimum protection against flaking.
- Enhances the beauty of the wood without concealing the grain.
- Mould, mildew and weathering resistant.
- Ready for use and easy to apply.
- Complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

#### Projects

#### Environment

Exterior only.

#### Use

New or maintenance work.

Residential and commercial sites.

Vertical and horizontal surfaces: decks, stairs, railings, sidings, shutters, doors, windows, fences and outdoor furniture.

#### Surfaces

Exterior bare wood vertical and horizontal surfaces:

- pine, spruce, treated wood, cedar, redwood, kiln dried hardwood\*;
- log and even weathered for more than a year exotic wood.

#### Notes

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

\* There is a strong possibility that a change in colour will occur on kiln dried hardwood coated with this product when exposed to UV radiation.

Do not use on water-repellent stains containing wax or, on previously painted or solid stained surfaces.

Not to be applied over shellac.

Do not use this product as a primer.

Notice: High and continuous moisture content, insufficient ventilation of wood or intensive traffic (decks) prematurely reduces the product durability or can cause peeling.

This product is not to be mixed with other products.

#### 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

Translucent

##### Gloss Level

Semi-gloss finish

- Gloss at 60°: 35 to 50%
- Gloss at 85°: Not available

##### Composition

- Diluent: Hydrocarbons
- Binder: Alkyd & Penetrating linseed oil in solution

##### Drying Time\*

- Touch dry: 2 hours
- Dust free: 5 to 6 hours
- Before recoating: 16 hours
- Prior to withstanding rain: 24 hours
- Prior to foot traffic: 24 hours
- Prior replacing furniture: 7 days
- Full curing: 7 days

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

##### Spreading Rate per Coat

3.78 L: 56 to 65 m<sup>2</sup> (600 to 700 ft<sup>2</sup>)

(Excluding losses caused by variations in application methods or surface porosity)

##### Volatile Organic Compounds (VOCs)\*

According to ASTM D3960-05: < 350 g/L

Canadian regulation: < 350 g/L

##### Solids by Volume\*

62%

##### Flammability

Combustible liquid

##### Minimal Film Thickness\*

(According to the maximum spreading rate)

- Wet: 2.3 mils (58 µm)
- Dry: 1.2 mils (30 µm)

##### Certifications\*

MPI #13 Stain, Exterior, Solvent Based, Semi-Transparent

*\*Technical data source: 236-580*



## Surface Preparation

All surfaces must be thoroughly clean and dry. Remove all dust, dirt, chalking, oil, wax, mildew, sanding dust, mill glaze, loose stain and other surface contamination.

► Clean surface with the appropriate cleaner for removing the contaminant. Rinse well.

– Remove mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Wear rubber gloves and eye protection. Apply with a garden sprayer or a heavy nap roller cover and scrub surface with a hard bristle brush. Rinse thoroughly with clear water.

► New wood or bare weathered wood: Clean with exterior wood cleaner, brightener and conditioner Sico® 771-222, 771-333 or 771-666 or an appropriate cleaner, rinse well with clear water.

► Surfaces in poor condition: Remove any trace of stain with a stripper or a pressure jet, depending on the surface condition.

Clean with exterior wood cleaner, brightener and conditioner. Rinse well with clear water.

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

► 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 of dry coatings 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.

► Previously stained wood in good condition: Ideally, remove the old coating in order to keep the semi-transparent look, otherwise wash well with a Polyprep cleaner 771-135 or 771-136 or an appropriate cleaner and sand lightly with #80 sandpaper to dull the surface.

► Old cracked or warped boards must be replaced.

► If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner.

► 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 following the recommended application conditions.

## Application

Do not thin. Stir thoroughly before and during application. Pour the quantity of product needed into another container to avoid contaminating the original stain container. Keep containers closed when not in use.

APPLY OUTDOORS.

CAUTION: Floors are slippery when wet. Use caution when walking on wet surfaces during application.

Apply evenly, in the direction of the grain avoiding heavy application and comply the spreading rate.

Application using a brush is the preferred method, if not back brush immediately to ensure penetration and to avoid an uneven finish.

Saturate all end grains, nail holes and cracks in the wood.

For maximum protection, wood must be stained on all 6 sides.

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

Observe drying time between coats. Low temperatures or high humidity will affect drying time. Applying two coats will provide better durability and appearance.

Wait 3 to 7 days before replacing furniture on the deck.

For more information, visit the website at [www.sico.ca](http://www.sico.ca) or call our customer service: 1-800-463-7426.

## Surface Maintenance

• Wait for its full curing before washing the coating or testing its adhesion: minimum 7 days.

• The level of sun exposure, the traffic intensity and the quality of ventilation of the structures drive the maintenance frequency. Wear, colour fading and greying of the wood 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.

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 traffic (decks) prematurely reduces the product durability or can cause peeling.

## Safety Measures

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

Use only in well-ventilated areas.

Do not intentionally breathe vapours.

## Recommendations

### Application Conditions

Temperature: 10 to 32°C (50 to 90°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 product 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.

### Tools

• Paintbrush: Natural or synthetic bristles.

• Roller: Not recommended.

### Cleaning Tools

Remove as much product as possible and clean with Polyprep 875-104 or mineral spirits immediately after use.

### Storage and Transportation

Keep in a dry and ventilated area, between 4 and 29°C (40 and 85°F). Under such conditions, unopened containers may be stored up to 4 years from manufacturing date.

### Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations or give leftover paint to someone who could use it: a neighbour, a friend, a recreation centre or a non-profit organization. Do not empty into drains.

FIRST AID TREATMENT: Contains naphta solvent and Stoddard solvent. 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.

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