

#### Product Description

Exterior water-based solid stain specially recommended for pressure-treated wood, pine and even weathered for more than a year composite woods. Ideal for decks, stairs, railings, sidings, fences and outdoor furniture.

#### Advantages

- Contains penetrating natural oils providing optimum protection against flaking.
- Acrylic formula that preserves the beauty of the wood.
- Water-based microporous product allowing wood to breathe.
- Dries rapidly and has only very little odour.
- Ready for use and easy to apply.
- Withstands the effects of weather without fading, chalking, blistering, peeling or cracking.
- Contains a mildew-resistant preservative.
- Water-based product which allows tool clean-up with water.
- Low VOC content complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

#### Projects

#### Environment

Exterior only.

#### Use

New and maintenance work.

Residential and commercial sites.

Vertical and horizontal surfaces: decks, stairs, patios, railings, sidings, fences and outdoor furniture.

#### 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).

#### Notes

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

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.

#### 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.

#### Technical Specifications (21°C (70°F))

#### Appearance

Solid colour

#### Gloss Level

Satin finish

- Gloss at 60°: 5 to 15%
- Gloss at 85°: Not available

#### Composition

- Diluent: Water
- Binder: Acrylic polymer and linseed oil (emulsion)

#### Drying Time\*

- Touch dry: 4 hours
- Before recoating: 24 hours
- Prior to withstanding rain: 24 hours
- Prior to light foot traffic: 24 hours
- Prior to normal foot traffic: 3 days
- Before replacing the furniture: 3 to 7 days
- Full curing: 14 days

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

#### Spreading Rate per Coat

3.78 L: 46 to 56 m<sup>2</sup> (500 to 600 ft<sup>2</sup>)

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

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

According to ASTM D3960-05: < 150 g/L

Canadian regulation: < 250 g/L

#### Solids by Volume\*

36%

#### Flammability

Non flammable

#### Minimal Film Thickness\*

(According to the maximum spreading rate)

- Wet: 2.7 mils (69 µm)
- Dry: 1.0 mil (25 µm)

#### Certifications\*

Not available

*\*Technical data source: 232-100*



## 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 Polyprep cleaner 771-135, 771-136, or 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: 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, 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.
- ▶ Composite wood surfaces: Clean and prepare surface. Do not sand composites wood.
- ▶ 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.

- ▶ Previously stained wood in good condition: Wash well with a Polyprep cleaner 771-135 or 771-136 or an appropriate cleaner. Rinse well. Sand lightly with #80 sandpaper.
- ▶ Old cracked or warped boards must be replaced.
- ▶ Repair holes and cracks with a paste filler or a joint compound suitable for the surface to be repaired.
- ▶ If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. On bare wood, seal knots with Polyprep shellac 205-112 before applying the primer.
- ▶ At the end of the surface preparation, rinse well with water. If water beads, surface preparation must be repeated.
- ▶ 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.
- Bare wood: No primer is required. However, for light or pastel colour on bare wood, to prevent tannin bleeding of knotty or reddish coloured wood with natural dyes, initially apply two coats of GoPrime® primer 150-135.

## Application

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

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 finishing coats will provide better durability and appearance.

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

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

## Recommendations

### 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.

### Tools

- Paintbrush: Synthetic bristles (nylon, polyester) 10 mm (3/8 in.).
- If rolling, back brush immediately on the surface.

### Cleaning Tools

Remove as much product quantity as possible and clean tools with lukewarm water and soap immediately after use.

### Storage and Transportation

Keep in a dry and ventilated area, between 10 and 32°C (50 and 90°F). Under such conditions, unopened containers may be stored up to 3 years from manufacturing date. AVOID FREEZING.

### Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment or give leftover stain to someone who could use it: a neighbour or friend, a recreation centre or a non-profit organisation. Do not empty into drains.

## Surface Maintenance

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

## Safety Measures

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Read the Material Safety Data Sheet.

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, and then discard.

Use only with adequate ventilation. Do not breathe vapor or mist. Avoid contact with eyes and skin.

Keep out of reach of children.

FIRST AID TREATMENT: For eye contact, flush with running water for at least 15 minutes. If swallowed, do not induce vomiting. Call Poison Control Centre or physician immediately.

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