

Product Description

Exterior water-based solid stain recommended for use on properly prepared, exterior wood, including decks, fences, siding, railings, outdoor furniture, and other wood surfaces. Apply to new, dry, pressure-treated wood, uncoated new or weathered wood, or wood previously stained or painted.

Features

- Water-base.
- Tools washable with water.
- May be applied to vertical or horizontal surfaces.
- Satin Finish.
- Acrylic-blend formula for lasting beauty.
- Penetrating natural oils for optimal protection against peeling.

Available Colours

132-100	White
132-501 ^A	White Base
132-502 ^A	Medium Base
132-503 ^A	Neutral Base

^AMust be tinted before use

^BColourants added to this base paint may increase VOC level significantly depending on colour choices.

Refer to the appropriate colour formula book, automatic tinting equipment, and/or computer colour-matching system for colour formulas and tinting instructions.

Projects

Environment

Exterior only.

Use

New and maintenance work.

Residential and commercial sites.

Vertical and horizontal surfaces: decks, fences, siding, railings, outdoor furniture, and other wood surfaces.

Surfaces

- Apply to new, dry, pressure-treated wood, uncoated new or weathered wood, or wood previously stained or painted.
- Can be applied over old well-prepared finishes: paint, stains (except for waterrepellent stains containing wax).

Notes

- Wood must have less than 12% moisture.
- Use on exotic hardwoods may affect coverage, dry time, and durability.
- This product is incompatible with preservatives and waterproof stains containing wax.
- Not to be used on torrefied wood.
- Drying will take longer at low temperatures or under high conditions of humidity. 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 paints, stains or thinners.

Certifications

LIMITED 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

Solid colour

Gloss Level

Satin finish

- Gloss at 60°: 9 to 19%
- Gloss at 85°: Not available

Composition

- Diluent: Water
- Binder: Acrylic-blend formula

Drying*

- Touch dry: 4 hours
- Before recoating: Minimum 24 hours
- Between coats: Maximum 7 days
- Prior to withstanding rain: 24 hours
- Prior to light foot traffic: 24 to 48 hours
- Before replacing the furniture: 72 hours
- Prior to normal foot traffic: 3-7 days
- Prior to heavy use: 14 days
- Full curing: 14 days

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

High humidity or low temperatures extend drying and recoating times.

Drying times listed may vary depending on temperature, humidity, colour, film build, and air movement.

Spreading Rate per Coat

3.78 L: Up to 56 square metres (600 sq. ft.) depending on application, wood texture, and porosity.

Coverage figures do not include material loss due to application.

Volatile Organic Compounds (VOCs)*

- According to ASTM D3960-05: < 50 g/L

Solids by Volume*

31 ± 2%

Flammability

Combustible

Minimal Film Thickness*

Film Thickness varies greatly depending on the surface condition and porosity.

- Wet: 2.7 mils (68 µm)
- Dry: 0.83 mil (21 µm)

*Technical data source: 132-100

Surface Preparation

Surface must be clean and dry. Remove all dust, dirt, mildew, oil, loose wood fibres, and other contaminants. Remove loose, peeling stain or paint by sanding, scraping, or wire brushing. To ensure proper adhesion, weathered, dirty, or mildewed surfaces should be cleaned with a wood cleaner prior to applying stain. After rinsing, allow wood to dry. Sand all cleaned wood using 80–120 grit sandpaper for vertical surfaces and 60–80 grit sandpaper for horizontal surfaces. Always sand in the direction of the wood grain and remove sanding dust.

► 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.

► 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.

► Composite wood surfaces: Clean and prepare surface. Do not sand composites wood.

► **TANNIN BLEEDING:** Some woods, such as redwood and cedar, contain natural, water-soluble tannin, a coloured wood extract, which tends to "bleed" or migrate to the surface. If tannin bleeding occurs, allow the coating to dry completely, then wash with a mild detergent solution and rinse with clear water.

PRECAUTION: Dry sanding 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.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. Contact a regional Health Canada office for more information.

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

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

► Previously stained wood in good condition: Wash well with a Sico cleaner 771-333A 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 a shellac 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.

Recommendations

Application Conditions

Temperature: 10°C (50°F) to 32°C (90°F)

Relative humidity: Ideal 50% relative humidity, maximum 85%.

Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight or during windy conditions. Application conditions must be maintained during stain application and drying. High humidity or low temperatures extend drying time.

Tools

• Paintbrush: Synthetic bristles (nylon, polyester)

• Roller: 15 mm (1/2") lint-free nap roller;

• Spray gun : Not recommended.

Always use top quality application tools. If rolling, back brush immediately on the surface.

Cleaning Tools

Clean tools with warm, soapy water.

Storage and Transportation

PROTECT FROM FREEZING.

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not pour down a drain or storm sewer.

Application

Apply when no precipitation is expected for 24 hours, and when air and surface temperatures are 10°C to 32°C (50°F to 90°F) and will remain above 10°C (50°F) for the next 24 hours. For maximum protection, wood must be stained on all six sides. Avoid staining in direct sunlight or on hot surfaces. DO NOT THIN. When using more than one container of the same colour, intermix to ensure colour uniformity. Stir thoroughly and often during use. Apply to a small area and allow stain to dry to ensure acceptable appearance. Apply two thin coats with a high-quality brush or paint/stain pad. When applying by roller, always back-brush for best results. Some colours, drastic colour changes, or porous surfaces may require additional coats of paint to achieve a uniform finish. To help avoid lap marks, apply to only a few boards at a time, and maintain a wet edge.

CAUTION: Surfaces are slippery when wet; use caution when walking on wet surfaces.

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

High humidity or low temperatures extend drying and recoating times. Dries to light foot traffic in 24 to 48 hours. Wait 72 hours to replace furniture. Wait at least 14 days before washing.

TWO COATS ARE REQUIRED. Application of one coat or use of smaller nap roller will not build film thickness required to seal surface. Water will penetrate and peeling may result.

Minimum of 24 hours between coats.

Maximum of 7 days between coats for maximum performance.

DO NOT APPLY IF: Temperature is expected to fall below 10°C (50°F) or if rain is expected within 24 hours of each coat, as product will not cure properly and peeling will result. Do not apply above 32°C (90°F). Before applying first coat, dab a heavily loaded brush into cracks, gaps, nail/screw holes, and knots until filled. Cut in around the edges of the deck or concrete surface with a brush using a short dabbing stroke. To apply the first coat, fully saturate the roller by rolling back and forth in the tray. A fully loaded roller will cover an area of approximately 0.46 to 0.65 square metres (5 to 7 sq. ft). Using light and even pressure, apply product to a few boards at a time, keeping a wet edge to avoid lap marks.

For cupped, cracked, or warped boards, drive product into cracks by rolling across the narrow width as well as the length of the board. Lightly brush any product that drips between the boards. Back-brush after rolling for a smoother appearance. Please use caution when applying around aquatic habitats to avoid spills.

To apply second coat, cut in around edges of entire surface again and roll out as for the first coat.

For more information, visit the website at www.sico.ca or call our customer service: 1-866-660-2220.

Safety Measures

ATTENTION 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. **FIRST AID TREATMENT:** Contains: titanium dioxide; talc, not containing asbestos; propane-1,2-diol. Keep container tightly closed and sealed until ready for use. For workplace use, an SDS is available from your retailer or by calling 1-800-463-7426. EMERGENCY SPILL INFORMATION: 514-645-1320.

Surface Maintenance

- Wait for its full curing before washing the product or testing its adhesion: minimum 14 days depending on temperature and relative humidity (longer in conditions of high humidity or low temperature).
- The level of sun exposure drive the maintenance frequency. Chalking and colour fading are natural aging characteristics between maintenance coats.
- 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 traffic (decks) prematurely reduces the product durability or can cause peeling.

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