



TIMBERCARE 2100 Series Exterior Hybrid Wood Stain Solid, Flat Satin Finish

Product Description

Timbercare Exterior Hybrid Solid Stain with its alkyd fortified acrylic formula is a top quality self priming and sealer made of an alkyd and acrylic latex blend. This Hybrid blend offering the superior penetration and adhesion properties of an oil based primer and the long lasting durability of a 100% acrylic. Protects and beautifies exterior new wood, weathered wood or previously painted or stained wood surfaces. Recommended for wood siding, fences, trim, decks and outside furniture.

Advantages

- Soap and water clean
- Superior penetration and adhesion of an oil based
- Blended with 100% acrylic for long lasting durability
- Formulated to protect from UV radiation and to help prevent surface mildew
- Provides resistance against weather exposure, cracking, blistering or peeling
- Hides the color of the wood, but still shows the texture
- Product that complies with the Canadian environmental standards in relation to volatile organic compounds (VOC)

Projects

Environment

Exterior

Use

Vertical and horizontal wood surfaces: patios, decks, stairs, fences, siding, doors, trim and outdoor furniture.

Surfaces

New or previously painted or stained wood: pine, cedar, pressure-treated wood and composite materials that were exposed to the effects of weather for one year or more. It is essential to prepare the surface prior to applying the product.

Note

This product is incompatible with preservatives and waterproof semi transparent stains containing wax. Not recommended over glossy or non porous surfaces. Not for shingles that are subject to standing water. Do not mix with other paints or solvents.

Pre-mixed colors, tinting bases and sizes

Before job application, it is recommended to prepare a test sample on same type of wood as project to ensure colour satisfaction. Apply the same amounts of coats set in the instruction described below in the Application area of the sheet. Full tint base including Oxford Brown (2121), Pioneer White (2134), Country Red (2148), Bowling Green (2164). Consult your Para retailer.

Characteristics

Physical Form Liquid

Quality First Choice

Transparency Solid

Gloss Level Flat Satin

Gloss Percentage

Gloss at 60°: 5 to 10

Gloss at 85°: N/A

Composition

- Diluent: water
- Binder: Alkyd and 100% Acrylic blend
- Pigments: titanium dioxide

Spreading Rate

3.7 L: 300 to 400 ft² (30 to 40 m²)

@ 1 - 1.2 mils DFT. Rate may change depending on surface porosity.

Drying Time

- Tack free: 1-2 hours
- Handle: 4-6 hours
- Recoat : 6-8 hours for vertical and 12-24 hours for horizontal
- Horizontal surfaces: 48 hours before resuming normal traffic and 5 to 7 days before replacing furniture
- Before cleaning: 14 days

Density*

1.27 ± 0.02 g/mL

Solids by Volume*

34.4 ± 1%

Flash Point*

Not applicable

Inflammability

Nonflammable

Certifications*

VOC method ASTM D3960-05:

Canadian environmental VOC standards:

< 150 g/L

PARA guarantees the quality of its products. They are in conformity with the description provided in the technical data sheets and on the labels for which they are intended, as indicated by the company. However, since the manufacturer has no control over the circumstances, the methods and the conditions appropriate to their intended uses, this guarantee applies only to the high quality of PARA products. Liability, if any, is limited to replacement of product only. Labour or the cost of labour and other consequential damages are not included.

Surface Preparation

Surface preparation is of the utmost importance. The majority of problems attributable to coatings are caused by inadequate surface preparation. Surfaces must be clean, solid, free from dust, dirt, oil, soot, wax, mildew, chalking, patina or flaking, etc. In order to prepare surfaces adequately, follow the preparation steps as described below:

- Clean surface with the appropriate product. If mildew or moss is present, surface should be washed with a solution of 20% household bleach and 200 to 400g TSP in a gallon of warm water. Apply the mixture by brush or low pressure spray, wait 10 minutes, scrub and rinse with clean water and let dry. Wear eye protection and rubber gloves. If no mildew or moss is present; proceed with the following steps.
- A wood cleaner and conditioner is the most common cleaner used on bare or previously treated wood. If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner.
- Strip surface if it is in poor condition or if it has previously been treated with a waterproof product containing wax.
- Sand horizontal surfaces using No. 60-80 grit sandpaper and vertical surfaces using No. 100-120 grit sandpaper. Vacuum sanding residues. Sanding allows for better stain penetration. Precautionary measures: operations such as dry sanding or paint film burning may generate dust and harmful fumes. If possible, use the wet sanding method. If exposure cannot be avoided by means of local ventilation, wear a breathing mask.
- Repair holes and cracks with a paste filler suitable to surface being repaired. If necessary, replace boards that are cracked or warped.
- On bare wood, wipe knots with lacquer thinner before seal knots with shellac.
- No primer is required. Before applying the product, cover or mask surfaces that you do not wish to stain. Consult your retailer for additional information.

Application

- Before applying the product, wait 48 hours after rainfall or high pressure cleaning. The wood must have between 12 to 18% moisture content.
- This is a ready-to-use product and should not be diluted.
- Thoroughly stir the product before and during application.
- Condition the tools with water before using them.
- Apply the product along the grain of the wood. If you use a roller, immediately smooth the surface with a paintbrush. To avoid lapping, only coat a few boards at a time. Generously saturate the ends of the boards. Apply two coats to achieve optimum performance, and comply with the prescribed drying time before covering. If second coat is not applied within 5 days after the first coat; please sand surface lightly with 150-180 grit sandpaper prior to applying second coat of stain.
- Let surface dry completely before walking on it. Extend drying time in case of heavy rain, cooler temperatures and high humidity.
- Wait 48 hours before resuming normal traffic, 5 to 7 days before replacing furniture on the deck and 14 days before cleaning the surface with a non-abrasive detergent and water.
- To obtain more information on application methods, visit the website at www.para.com

****AdditionalData:**

Brushing is preferred because the stain is worked into the surface and a more uniform distribution is achieved. To avoid lap marks, keep a "wet" edge by stopping only at natural breaks. Not recommended over gloss or previously painted surfaces especially containing wax. For optimum adhesion and application performance, ensure that the temperature and relative humidity are as stated above at time of application and four hours afterward

Recommendations

Application Conditions

- Temperature: Optimum 15°C to 25°C
- Relative humidity: Optimum 40 - 60%
- Not to be applied under direct sunlight, on a hot surface or during windy or wet weather.

**Please see "Additional Data" below.

Tools

- Paintbrush: nylon polyester bristles
- Roller: 5 - 10 mm
- Spray gun - tip: 0.015 - 0.019 in

Cleaning of the Tools

Clean tools and hands with lukewarm water and soap. (A final rinse with Mineral Spirits may be required).

Surface Maintenance

- The normal maintenance is every 2 to 4 years, depending on use and location. The product performance may be prematurely affected on surfaces highly exposed to the effects of weather or intense traffic. A visual inspection should be performed every year as part of a maintenance schedule program.
- Clean the surface, touch up bare spots with the same product and apply an additional coat on entire surface.

Storage and Transportation

Keep product in a cool, dry and well-ventilated area. Avoid freezing. Pot-life for this product is approximately 5 years.

Disposal: Contact your municipality to dispose of leftover products.

Safety Measures: See material safety data sheet for complete health and safety info. May cause eye irritation. Avoid contact with eyes. Keep out of reach of children. Use under well ventilated conditions.

FIRST AID TREATMENT: Contains small amounts of non-ionic surfactants. In case of contact with eyes, flush well with running water. If swallowed, call poison centre or physician immediately.