



# PRODUCT DATA SHEET

## WATERBORNE SOLID COLOR DECK AND SIDING STAIN

### 188

#### DESCRIPTION

Hallman/Lindsay's Timbershades Waterborne Solid Color Deck & Siding Stain enhances the natural texture of wood and is formulated with Alkyd Latex for improved penetration and adhesion. The use of a Broad-Spectrum fungicide and algaecide increases resistance to mildew and algae growth.

Use on new and previously stained wood surfaces such as decks, siding, logs, shingles, shakes and fencing. The high solids formula provides a rich color that is more opaque than a Semi-Transparent Stain.

#### FEATURES

- ✓ Enhances the Natural Texture of Wood
- ✓ Excellent Adhesion
- ✓ Easy Application
- ✓ Rich colors that Resist Fading
- ✓ Ultraviolet Ray Protection
- ✓ Mildew and Algae Resistant
- ✓ Water Repellent Finish
- ✓ Tough and Durable
- ✓ Soap and Water Clean up

#### PRECAUTIONS/LIMITATIONS

- ✓ Please refer to Safety Data Sheets.
- ✓ Apply only if air, surface and paint temperatures are between 50°F and 90°F and will remain so for 48 hours. Also, the dew point must not be within 5° of the temperature until the film is dry, or for approximately 16 hours.
- ✓ Due to variations in humidity and temperature allow 12-24 hours of dry time before opening deck to limited foot traffic. **Avoid dragging furniture across deck or porch.** To insure film is sufficiently cured wait 72 hours before heavy use. Allow minimum of 7 days' cure time before washing newly stained surfaces.

#### TECHNICAL DATA

- ✓ Color/Tinting:  
White and tint bases
- ✓ Vehicle Type:  
Alkyd Latex
- ✓ Gloss: Flat  
2-4 units @ 60°  
  
Percent Solids:  
Weight: 54% ± 2  
Volume: 37% ± 2
- ✓ Recommended Spreading Rate:  
Apply at 200-400 sq.ft./gal.  
When calculating working coverage, allow for application losses, texture and porosity of surface, application technique, etc.
- ✓ Drying Time at 77° F 50% R.H.:  
To touch: 6 hours  
Recoat: Overnight  
Extended drying time may be expected when conditions such as high humidity, high dew point, low temperature, etc are present. Allow product to dry thoroughly before topcoating.
- ✓ Thinning/Cleanup:  
Water/ Soap and Water
- ✓ VOC:  
17 g/L      0.14 lbs./gal.

#### TECHNICAL SERVICES



#### FACTORY & MAIN OFFICES

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## SURFACE PREPARATION

STAIN MUST BE ABLE TO PENETRATE THE WOOD FOR PROPER PERFORMANCE. Surfaces must be dry, clean and free of dirt, oil, grease, wax, mill glaze, dust, chalk, rust, or any other contaminants that may prevent proper adhesion. Removal of latex and oil paints, stains or old sticky finishes will require the use of a wood stripper. Any mill glaze should be sanded sufficiently to allow the stain to penetrate. When refinishing a deck or siding remove all loose wood fibers, peeling paint, mold, mildew, algae or dirt by using a quality wood cleaner, wood stripper, wood brightener or deck and siding wash. Finish the process by power washing. Let the surface dry for 24-48 hours before staining. The moisture content of the wood should be below 15%. Hard glossy surfaces must be dulled by sanding. Replace rotting, decaying, cracking boards and spindles for best results. Warning! If you scrape, sand or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## hallman/lindsay PRIMER RECOMMENDATIONS

### **NEW WORK**

Cedar, Redwood etc.: Self-priming, if tannin staining or other types of extractive bleeding occur one coat of 111 may be applied.

Pine, Treated Pine and other wood: Self-priming. May be used for interior application on new wood.

### **REPAINT WORK**

Primer (all surfaces): Spot prime all bare areas with 188 or 111.

## hallman/lindsay FINISH RECOMMENDATIONS

It is recommended to always apply a wet sample to the wood being stained to insure the color and walk away appearance are acceptable.

## APPLICATION

Mix thoroughly before use. Apply by brush, roller, pad, or airless spray. If sprayed, product should be back brushed to properly work into wood. Apply generously, working to a wet edge using overlapping strokes. Work entire length of 2-3 boards to avoid lap marks. Avoid application in direct sunlight when the surface temperature is above 90 degrees. **Note: Two coats of 188 are recommended to achieve the maximum performance, durability and uniformity.**

## EQUIPMENT REQUIREMENTS

- ✓ Airless: Minimum ¾ GPM with .015" tip @ 2000 PSI
- ✓ Conventional: Not recommended
- ✓ HVLP: Not recommended
- ✓ Roller: 1/4" – 3/8" nap synthetic cover on decks
- ✓ Brush: 100% nylon or synthetic blend
- ✓ Pad: Synthetic



### **FACTORY & MAIN OFFICES**

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