

# PRODUCT

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## INFORMATION



PRATT & LAMBERT PAINTS

## StainShield® Semi-Transparent Waterborne Deck & Siding Stain Z1497

### DESCRIPTION:

StainShield® Semi-Transparent Waterborne Deck & Siding Stain is an acrylic stain that provides long lasting beauty and protection by forming a long lasting, mildew resistant, film that repels damaging water and ultraviolet rays. StainShield® Semi-Transparent Waterborne Deck & Siding Stain highlights the natural beauty of wood, enhancing the grain and enriching the wood's natural color. StainShield® Semi-Transparent Waterborne Deck & Siding Stain *may be applied to damp surfaces, allowing surfaces to be prepared and stained in one day.*

### USES:

Recommended for exterior use only on new or previously stained smooth, pressure treated or roughsawn lumber, trim, railings or lattice work.

**SIZES:** Gallons and Fives

### COLORS:

All semi-transparent colors on StainShield® Exterior Stain color card.

### RECOMMENDED SYSTEMS:

#### NEW WORK:

*Please see Surface Preparation and Application sections on next page*

As with all semi-transparent stains, application of additional coats will highlight any unevenness or inconsistencies in the underlying wood surface. Ensure surface preparation is complete and any previous coatings are removed entirely prior to staining previously coated areas.

#### ROUGHSAWN LUMBER, SHAKES, SHINGLES

1 or 2 coats of StainShield® Semi-Transparent Waterborne Deck & Siding Stain  
*Second coat must be applied "wet on wet", within 20-60 minutes after first coat.*

#### SMOOTH LUMBER

1 coat of StainShield® Semi-Transparent Waterborne Deck & Siding Stain  
*If second coat must be applied for proper color development, apply "wet on wet", within 20-60 minutes after first coat. DO NOT APPLY MORE THAN 2 COATS.*

#### RESTAIN:

Prepare surface by removing previous coatings entirely. If not possible through sanding or power washing, take steps to ensure surface coloration is even and porosity of wood is not compromised.

1 coat of StainShield® Semi-Transparent Waterborne Deck & Siding Stain

*If second coat must be applied for proper color development, apply "wet on wet", within 20-60 minutes after first coat.*

### PRODUCT DETAIL:

<b>Vehicle:</b>	Acrylic
<b>Sheen:</b>	No Sheen
<b>% Solids:</b>	By Weight: 28% By Volume: 23%
<b>Wt./Gallon:</b>	8.9 lbs.
<b>Flashpoint:</b>	499°F
<b>VOC Level:</b>	Max. 150 g/l (1.25 lbs./gal)
<b>Thinner:</b>	Not Recommended
<b>Cleanup:</b>	Water
<b>Dry Time:</b>	@ 77°F (25°C) 50% RH: To Touch: 1.0 hour Use: 8.0 hours
<b>Rec. Film Thickness:</b>	Dry: Nominal Wet: Do not apply heavy enough to cause drips or runs. Do not allow to pool.
<b>Coverage:</b>	Rough Surfaces: 100-200; Smooth surfaces: 300-400 sq. ft./gallon.

### APPLICATION:

<b>Brush:</b>	Nylon/Polyester
<b>Roller:</b>	3/8" nap Synthetic
<b>Airless Spray:</b>	At package consistency

**Limitations:** Do not topcoat with other finishes until film has weathered a minimum of 2 years. Color will be influenced by texture, grain and porosity of wood.

Technical Information Line:  
1-800-BUY-PRAT (1-800-289-7728)  
[www.prattandlambert.com](http://www.prattandlambert.com)

## SURFACE PREPARATION:

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

### General

Remove all surface contamination by washing with appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull.

### Wood

New wood should be stained right away. If not, excessive weathering can shorten the life of the wood and the coating applied to it. Sand any weathered wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

If staining pressure treated lumber, conduct a water absorption test prior to applying product. Sprinkle water on the surface to be coated - if it is readily absorbed, the surface is ready to stain. If not, allow to weather one week and conduct the test again. If weathering exceeds one month, power wash or sand to a fresh surface before applying product. This product may be applied to damp surfaces.

On new cedar and redwood siding, planing and milling of the wood can create an impermeable surface on the smooth side of the planks. This is often referred to as "mill glaze". If this is present, sand surface to open the wood pores. This is a necessary step to ensure the proper penetration of the primer or stain.

### Mildew

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. **DO NOT ADD DETERGENTS OR AMMONIA TO THE BLEACH/WATER SOLUTION.**

## CLEANUP INFORMATION:

Clean spills and spatters immediately with mineral spirits. Clean tools immediately after use with detergent and warm water.



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## APPLICATION:

Do not apply at air or surface temperatures below 50°F or when air or surface temperatures may drop below 50°F within 48 hours. No reduction necessary.

### Brush

Use a nylon/polyester brush.

### Roller

Use a 3/8" nap synthetic roller cover.

### Spray-Airless

Pressure ..... 1500 psi

Tip ..... .015 - .017

## TIPS TO IMPROVE

### PERFORMANCE:

- Clean the surface thoroughly.
- Prepare the substrate to create a uniform surface.

To achieve color accuracy, stain a small area and allow to dry prior to staining the entire surface. Stain heavy traffic areas first, then proceed to stain the entire deck surface including restain over the heavy traffic areas.

All stains tend to lap (dark areas where two freshly coated areas overlap). To minimize this occurrence:

- Do not stain in direct sunlight or on a hot surface
- Always stain into a wet edge
- Use two coats on badly weathered or unfinished wood
- Apply a second coat when lap marks appear on the first

### CAUTIONS:

For exterior use only.  
Do not use on roofs.