

# PRODUCT

## INFORMATION



PRATT & LAMBERT PAINTS

### StainShield®

## 100% Acrylic Solid Color Deck Stain

### Low Temperature Application

Z1511-White Tint Base  
Z1512-Deep Base  
Z1513-Neutral Base



#### DESCRIPTION :

StainShield® 100% Acrylic Solid Color Deck Stain is formulated to provide long lasting beauty and protection for your deck. It is resistant to peeling, blistering, and scuffing and has excellent adhesion on new, weathered, previously stained, or painted surfaces. It is ideal for decks manufactured from composition decking materials. StainShield® 100% Acrylic Solid Color Deck Stain *may be applied to damp surfaces, allowing surfaces to be prepared and stained in one day.* It may also be applied in temperatures as low as 35° F.

#### USES :

Recommended for exterior use on new, previously stained, pressure treated, weathered, or painted surfaces. It is ideal for decks manufactured from composition materials.

**SIZES :** Gallons and Fives

#### COLORS :

All colors on StainShield® Exterior Stain color card.

#### RECOMMENDED SYSTEMS :

##### NEW WORK :

Please see Surface Preparation and Application sections on next page

##### PREVIOUSLY STAINED:

1 or 2 coats of StainShield® 100% Acrylic Solid Color Deck

##### PRESSURE TREATED LUMBER

1 or 2 coats of StainShield® 100% Acrylic Solid Color Deck

##### PREVIOUSLY PAINTED:

1 or 2 coats of StainShield® 100% Acrylic Solid Color Deck

##### COMPOSITE DECK MATERIALS:

1 or 2 coats of StainShield® 100% Acrylic Solid Color Deck

#### PRODUCT DETAIL :

|                    |  |
|--------------------|--|
| <b>Vehicle:</b>    | Acrylic                                    |
| <b>Sheen:</b>      | 5-15 @ 60°                                 |
| <b>% Solids:</b>   | By Weight: 53%<br>By Volume: 40%           |
| <b>Wt./Gallon:</b> | 10.7 lbs.                                  |
| <b>Flashpoint:</b> | 499°F                                      |
| <b>VOC Level:</b>  | Max. 121 g/l (1.01 lbs./gl)                |
| <b>Thinner:</b>    | Not Recommended                            |
| <b>Cleanup:</b>    | Water                                      |
| <b>Dry Time:</b>   |  |
| 77° - 90°F         | To Touch: 1.0 hour<br>Recoat: 2.0 hours    |
| 45° - 77°F         | To Touch: 2.0 hours<br>Recoat: 5.0 hours   |
| 35° - 45°F         | To Touch: 2.0 hours<br>Recoat: 24-48 hours |

*Based on 50% RH*

**Coverage:** Rough Surfaces: 200-400;  
sq. ft./gallon.

**Film Thickness:** 4.0-8.0 mils WFT  
1.3-2.6 mils DFT

#### APPLICATION :

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

**Limitations:** 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)



## PRATT & LAMBERT PAINTS

### 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.

#### Composition Material

Follow general cleaning and apply at package consistency

#### 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 detergent and water. Clean tools immediately after use with detergent and warm water.

### APPLICATION:

Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°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 ..... 2200-2400 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

#### CAUTIONS:

For exterior use only.  
Do not use on roofs.