

PRODUCT

INFORMATION



PRATT & LAMBERT PAINTS

StainShield® Solid Color Latex Siding Stain Z1400 / F1400 Series *Low Temperature Application*



DESCRIPTION:

StainShield Solid Color Latex Siding Stain is a penetrating, 100% acrylic latex stain that produces a lasting, durable finish with excellent color retention on siding. StainShield Solid Hide Latex Stain highlights the natural beauty of wood, blocks ultra-violet rays and blocks tannin staining.

USES:

Recommended for exterior use only on new or previously stained smooth, pressure treated or roughsawn lumber, trim, railings or lattice work. DO NOT USE on cementitious surfaces, such as concrete tile and terrazzo, or roofs.

SIZES: Gallons

COLORS:

Super One Coat White, Cedar, all Base 1, Base 2 and Base 3 Calibrated colors.

RECOMMENDED SYSTEMS:

NEW WORK:

Please see Surface Preparation and Application sections on next page

ROUGHSAWN LUMBER, SHAKES, SHINGLES

Severely bleeding woods may require use of SuPrime Exterior Alkyd Wood Primer over knots or heavy pitch staining

2 coats of StainShield Solid Color Latex Siding Stain

SMOOTH LUMBER

Severely bleeding woods may require use of SuPrime Exterior Alkyd Wood Primer over knots or heavy pitch staining

2 coats of StainShield Solid Color Latex Siding Stain

RE-STAIN:

Spot prime bare areas of severely bleeding woods with SUPRIME Exterior Alkyd Wood Primer

1 or 2 coats of StainShield Solid Color Latex Siding Stain

Note: When applying over tannin staining woods such as cedar or redwood, apply the first coat liberally and allow to dry completely, a minimum of two hours. If tannin staining occurs, the first coat will discolor as the stains are trapped within. Test a small area to ensure stains do not bleed through the second coat before coating entire surface. Refer to Product Detail for drying times in various temperatures.

PRODUCT DETAIL:

Vehicle:	100% Acrylic
Sheen:	Flat (0-5 @ 85°)
% Solids:	By Weight: 49% By Volume: 32%
Wt./Gallon:	11.1 lbs.
Flashpoint:	499°F
VOC Level:	Max 150 g/l (1.25 lbs./gal.)
Thinner:	Water
Cleanup:	Water
Dry Time:	@ 77°F (25°C) 50% RH: To Touch: 1.0 hours Recoat: 2.0 hours
Dry Time:	@ 50% RH: @ 35-45°F @ 45-70°F
	To Touch: 2 hours 2 hours Recoat: 24-48 hours 5 hours
Rec. Film Thickness:	Dry: 1.3-2.6 Mils Wet: 4.0-8.0 Mils
Coverage:	200 - 400 sq. ft./gallon, surface dependent

APPLICATION:

Brush:	Nylon/Polyester
Roller:	3/8" - 3/4" nap synthetic cover
Conv. Spray:	Reduce with up to 1 pint of water
Airless Spray:	At package consistency

Limitations: DO NOT apply when air, surface or product temperature is below 35°F or if temperatures might drop to this level within 48 hours after application. Coverage figures do not include spray loss.

Technical Information Line:
1-800-BUY-PRAT (1-800-289-7728)
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. Allow moisture content of wood to drop below 15% before application.

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 splatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. Rinse thoroughly. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.



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APPLICATION:

Do not apply at air, surface or material 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 2000 psi

Tip015 - .019

Spray—Conventional

Thin with up to 1 pint of water

Air Pressure 40-60 psi

Fluid Pressure 20 psi

Cap/Tip 704/FX

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.

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
- Stain up and down on vertical siding and across horizontal siding
- 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.

Do not use on floors or any horizontal surfaces where water may collect.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Pratt & Lambert Paints. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Pratt & Lambert dealer or representative to obtain the most recent Product Data Sheet.