



PPG Architectural Coatings

WOOD GUARDIAN™ Exterior Rustic Semi-Transparent Stain

**GENERAL DESCRIPTION**

WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842 is an excellent, bodied, exterior, oil modified alkyd, semi-transparent stain. It is used for sealing, protecting and coloring rough sawn or smooth-planed new exterior wood, and for recoating well-weathered penetrating finishes. WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842 is ideal for siding, trim, shingles, shakes and fences. Its heavier bodied consistency (compared to other semi-transparent stains) results in easier, smoother application.

**RECOMMENDED USES**

- Wood siding
- Wood trim
- Wood shakes
- Wood shingles
- Wood fencing

**FEATURES / BENEFITS**

- |                              |                                   |
|------------------------------|-----------------------------------|
| • Oil modified alkyd formula | Penetrates into surface           |
| • Good weather resistance    | Reduces time to restaining        |
| • Semi-Transparent           | Allows wood grain to show through |
|                              | Saves labor                       |
| • Easy to apply              |                                   |
| • Mildew resistant*          |                                   |

\*This paint contains agents which inhibit the growth of mildew on the surface of this paint.

**RECOMMENDED SYSTEMS**

WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842 is typically applied as a one or two coat system over new or previously stained wood surfaces.

**LIMITATIONS OF USE**

Do not apply when air or surface temperature is below 35°F or above 110°F. Surface temperature must be at least 5°F above dew point. Use for service below 200°F. Expect slower drying in cool, humid weather and when thick films are applied. Do not apply to on-grade concrete floors that do not have a vapor barrier under them or wherever water will puddle and stand for extended periods of time.

**TINTING AND BASE INFORMATION**

Tint with Porter DESIGN SPECTRUM® Colorants per label directions up to 12 ounces per gallon. (NOTE: See Porter exterior stain charts for color formulas, or to approximate Porter Design Spectrum colors, use 1/4 of the DESIGN SPECTRUM formula, and add "VV" colorant as necessary for color depth.) Test tinted stain on a piece of scrap (new work) or in a little noticed location (restrain) before proceeding since the wood has a great effect on the color and effect of semi-transparent stains.

PP1842 Rustic Semi-Transparent Stain

**PRODUCT DATA**

<b>Product Type:</b>	Oil Modified Alkyd
<b>Sheen:</b>	Low Luster
<b>VOC</b>	4.29 lb/gal (514 g/l) 4.59 lb/gal (550) When thinned to maximum.
<b>Percent Solids:</b>	
<b>Weight:</b>	40 ± 2%
<b>Volume:</b>	34 ± 2%
<b>PVC:</b>	20 ± 2%
<b>Weight/Gallon:</b>	7.8 lb
<b>Viscosity (Initial):</b>	53-58 Krebs Units
<b>Thinner:</b>	Thinning is normally not required. If necessary, thin up to 12 oz. per gallon of Porter Paints Thinner No. 5132. (NOTE: Thinning will reduce film build and may result in reduced performance and longevity.)
<b>Clean-up:</b>	Porter Paint Thinner No. 5132.
<b>Spread Rate (Theoretical):</b>	
<b>Smooth Surfaces:</b>	200-400 sq. ft./gal.
<b>Rough Sawn:</b>	100-200 sq. ft./gal.
<b>Dry time (70°F @ 50% R.H.):</b>	
<b>To Touch:</b>	6 hours
<b>To Recoat:</b>	12 hours
	(Drying times listed may vary depending on temperature, humidity, color, and air movement.)
<b>Flash Point:</b>	>107°F (>42°C)
<b>Flame Spread Rating:</b>	Class A (0-25)
	(See Porter Technical Bulletin No. 9: Flame Spread Rating.)
<b>Federal Specification Crossover:</b>	None
	(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

PPG Architectural Coatings

WOOD GUARDIAN™ Exterior Rustic Semi-Transparent Stain

## GENERAL SURFACE PREPARATION

Paint only clean, dry surfaces. Remove dirt, oils, grease, wax, sanding dust, paint remover, etc. with Dirtex and water, Porter Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with a commercial mildew remover such as X-14 Mildew Remover or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes).

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact 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 USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**NEW WOOD:** Repair construction defects, sand as necessary. Fill openings and nail holes with a suitable filler.

**RESTAIN:** Test application in a clean, protected area such as under the eaves to see that the stain penetrates well and dries to a low luster within 24 hours. If so, continue. Clean surfaces as outlined above. Fill holes and gouges in wood with wood patch. Sand patched areas smooth as necessary. (NOTE: For best appearance, always prime bare areas back to equal absorbency condition of the old, surrounding surface, particularly when only one coat of WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842 will be applied. Use WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842 thinned as necessary.)

## DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during use. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

### Permissible temperatures during application:

**Temperature Range:** 35°F to 110°F (air, surface, paint)  
(Optimum paint temperature 65-85°F)

**Dew Point:** Surface temperature must be at least 5°F above the dew point.

**Relative Humidity:** Maximum 85%

**New Work & Restain:** Apply one or two coats of WOOD GUARDIAN Exterior Rustic Semi-Transparent Stain No. PP1842, working the stain into the surface to get a uniform effect and full performance. **VERTICAL SIDING:** Begin at the top with several boards and apply continuously to the bottom (always keep a wet edge going-do not stop application in the middle of any board and return to it later or a darker overlap streak will result). **HORIZONTAL SIDING:** Begin at one edge of several boards and keep a wet edge moving til a natural stop is reached (window, door, inside or outside corner, etc.).

**\*NOTE:** Avoid runs and sags. Best performance when spraying is achieved by spray and backbrush or backroll. Regardless of the application method, always work stain into the wood surface.

## APPLICATION INFORMATION

**Application Equipment:** Apply with a high quality brush, roller, or by spray equipment.

**Airless Spray:** Minimum 28:1 Pump Ratio; .011"-.013" tip; 1800-2400 psi; 1/4" high pressure material hose.

**Conventional Spray:** DeVilbiss MBC-510 gun; E tip; 704 air cap; 3/8" (1.0 cm) ID material hose; double regulated pressure tank with oil and moisture separator.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

**Brush:** Use china bristle (preferred) or nylon/polyester brushes.

**Roller:** Use 3/8" to 1/2" polyester or lambswool roller covers.

**Thinning:** Thinning is normally not required. If necessary, thin up to 12 oz. per gallon of Porter Paints Thinner No. 5132. (NOTE: Thinning will reduce film build and may result in reduced performance and longevity.)

**Clean-up:** Clean tools and spray equipment with Porter Paint Thinner No. 5132 immediately after use.

## SHIPPING

**Freight Classification:** PAINT OR PAINT RELATED MATERIAL

**Packaging:** 6 Quarts; 4 Gallons per carton; 5-Gallon Pail

**Shipping Weights:** 2.1 lb/qt (13.0 lb/carton; 8.0 lb/gal (33.0 lb/carton); 40.4 lb/5-gal

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



PPG/Porter Paints  
400 South 13th Street  
Louisville, KY 40203  
[www.porterpaints.com](http://www.porterpaints.com)

Technical Services  
1-800-332-6270

Architect/Specifier:  
1-888-PPG-IDEA

PPG Industries, Inc.  
One PPG Place  
Pittsburgh, PA 15272  
[www.ppg.com](http://www.ppg.com)



No. PP1842  
(Rev 10/06)