



PPG Architectural Coatings

WOOD GUARDIAN™ Alkyd Solid Color Stain

GENERAL DESCRIPTION

WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 Series is an excellent, full bodied, interior/exterior, oil modified alkyd, solid color stain. It is used for all types of new or previously stained or painted smooth or rough sawn siding, shingles, shakes and fences. Its heavy bodied consistency (compared to other stains) results in easier, smoother application. WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 Series may be applied as a single coat for economy, or in a two coat system for extended performance.

RECOMMENDED USES

- Wood siding
- Wood trim
- Wood shakes
- Wood shingles
- Wood fencing
- Primed old, badly weathered wood

FEATURES / BENEFITS

- | | |
|------------------------------|----------------------------|
| • Oil modified alkyd formula | Penetrates into surface |
| • Good weather resistance | Reduces time to restaining |
| • Good hiding | Saves material costs |
| • Easy to apply | Saves labor |
| • Mildew resistant* | |

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

RECOMMENDED SYSTEMS

WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series is typically applied as a one or two coat system over new or previously stained or painted wood surfaces. It can also be applied to a wide variety of properly prepared and primed incidental substrates such as metal. Finish the following primed surfaces with one or two coats of WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series:

SUBSTRATE	TYPICAL PRIMERS
Aluminum, Bare:	PP272/PP276, PP286, PP296
Copper:	PP272/PP276, PP286, PP296
Repaint:	PP515, PP898, PP74130, self-prime
Steel, iron:	PP212/PP215, PP272/PP276, P286, PP296
Steel, Galvanized:	PP212/PP215
Wood:	self-prime

TINTING AND BASE INFORMATION

Tint with Porter DESIGN SPECTRUM® Colorants per label directions.

PP1875 White Base
PP1878 Deep Base
PP1874 UD Base

PRODUCT DATA

Data below is based on White base.

Product Type: Oil Modified Alkyd
Sheen: Low Luster
VOC 2.84 lb/gal (340 g/l)
Percent Solids:
Weight: 70 ± 2%
Volume: 56 ± 2%
Weight/Gallon: 9.6 lb

Thinner: Do not thin.
Clean-up: Porter Paint Thinner No. 5132.

Spread Rate (Theoretical):

Smooth Surfaces: Up to 400 sq. ft./gal.

Rough Sawn: Up to 200 sq. ft./gal.

Repaint Rough: Up to 300 sq. ft./gal.

Dry time (70°F @ 50% R.H.):

To Touch: 4 hours

To Recoat: 24 hours

Full Cure: 24-48 hours

(Drying times listed may vary depending on temperature, humidity, color, and air movement.)

Flash Point: >107°F (>42°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TT-P-52

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

LIMITATIONS OF USE

SPONTANEOUS COMBUSTION HAZARD: To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled, closed metal container. Do not apply in direct sunlight or when air or surface temperature is below 40°F or above 110°F. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 180°F. Do not use on floors or deck walking surface. Stir during application to maintain uniform color.

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. 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: Remove loose and failing paint or stain by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches. (NOTE: For best appearance, always prime bare areas back to equal absorbency condition of the old, surrounding surface with an appropriate primer or stain, particularly when only one coat of WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series will be applied.)

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: 40°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: Apply a uniform coat of WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series, or an appropriate primer for incidental non-wood surfaces, per primer data sheet instructions (SEE RECOMMENDED SYSTEMS) at the millage specified for the application. Finish with one or more coats of WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series.

Repaint: Spot prime bare areas as required with an appropriate primer (SEE RECOMMENDED SYSTEMS), then apply one or more coats of WOOD GUARDIAN ALKYD Solid Color Stain No. PP1875 series.

***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 1 gallon per minutepump; .015"-0.019" 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: Nylon/polyester brushes or china bristle brushes.

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

Thinning: Do not thin.

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: 4 Gallons per carton; 5-Gallon pail

Shipping Weights: 9.6 lb/qt (39.6 lb/carton); 50.0 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.



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