



PPG Architectural Coatings

GENERAL DESCRIPTION

WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310 is an excellent, interior, fast drying, solventborne, clear, vinyl-toluene modified oil sanding sealer for all types of properly prepared bare wood including trim, plywood, paneling and furniture. Use as a prime coat under alkyd or acrylic varnishes (avoid topcoating with polyurethane varnishes). WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310 can also be used as a fast dry, low sheen finish for areas not subject to high traffic or abrasion such as beams, overheads, paneling, etc.

RECOMMENDED USES

- Woodwork
- Doors
- Trim
- Beams
- Furniture
- Paneling

FEATURES / BENEFITS

- | | |
|--------------------------------|-----------------------------|
| • Recoat in 1 hour | Saves time |
| • Easy sanding | Saves labor |
| • Does not gum up sandpaper | Saves materials |
| • Excellent sealing properties | Topcoats have uniform gloss |
| • Excellent flow and leveling | Reduces brushmarks |
| • Excellent uniformity | Avoids uneven sheen |

RECOMMENDED SYSTEMS

WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310 functions as an easy sanding sealer and finish over bare wood. Typical finish systems with WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310 are:

Stain (if required):

- WOOD GUARDIAN Interior Oil Wood Stain No. PP300-PP305

Sanding Sealer:

- WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310

Finish:

- WOOD GUARDIAN Interior Sain Fast Dry Varnish No. PP312
- WOOD GUARDIAN Interior Gloss Fast Dry Varnish No. PP314

WOOD GUARDIAN™ Interior Quick Dry Sanding Sealer

TINTING AND BASE INFORMATION

Do not tint.

PP310 Clear (not tintable)

PRODUCT DATA

Product Type:	Vinyl-toluene modified oil
VOC:	
As supplied (untinted):	4.46 lb/gal (535 g/l)
Gloss, 60° :	Satin (Typical range: 30 - 60)
Percent Solids:	
Weight:	36 ± 2%
Volume:	30 ± 2%
Weight/Gallon:	7.0 lb
Thinner:	Do not thin.
Clean-up:	Porter Paint Thinner No. 5132.
Recommended Spread Rate (Theoretical):	Up to 500 sq. ft./gal.

Coverage does not include variation due to application methods, surface proposity, and/or mixing.

Dry time (70°F @ 50% R.H.):

To Touch:	15 minutes
To Sand:	1 hour
To Recoat:	1 hour

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: 63°F (17°C)

Flame Spread Rating: Class A (0-25)

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

Federal Specification Crossover: None

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

LIMITATIONS OF USE

Do not use as a sealer under polyurethane varnishes. Do not use on floors or in exterior applications. Do not apply when air or surface temperature is below 60°F (15°C) or above 110°F (43°C). Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-80°F (18-27°C). Use for service below 180°F.

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GENERAL SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled surfaces. Remove dirt, oils, grease, wax, release agents, sanding dust, paint remover, etc. with Dirtex or TSP 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/BARE WOOD: Repair construction defects as necessary. Fill openings and nail holes with a suitable wood putty or filler. When filler is ready, sand all surfaces smooth and clean surfaces. For best results, wipe the sanded surfaces with a tack rag just prior to application of WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310. **STAINING:** If the wood is to be stained, apply the stain before applying WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310.

REPAINT: (NOTE: Best service will be achieved by removing failing varnish systems completely, down to bare wood, then preparing as above.) For varnishes in good condition except for minor, random failed areas, remove any loose and failing coating by hand scraping or power tool cleaning. Fill holes and gouges with wood patch or filler as appropriate. Sand patched and bare wood areas smooth before priming with WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310. When the prime coat is ready, sand all areas to degloss and prepare to receive the selected Porter finish.

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: Apply a uniform seal coat of WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310. Finish with one or more coats of the selected Porter finish.

Repaint: Spot prime bare areas with a coat of WOOD GUARDIAN Interior Quick Dry Sanding Sealer No. PP310. Finish with one or more coats of the selected Porter finish.

APPLICATION INFORMATION

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

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.

Brushes: Use china bristle brushes.

Rollers: For volume work on smooth surfaces, use a PRO TIZ Foam Roller Cover.

Thinning: Do not thin.

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

SHIPPING

Freight Classification: PAINT

Packaging: 6 Quarts per carton; 4 Gallons per carton

Shipping Weights: 2.1 lb/qt (12.9 lb/carton); 8.0 lb/gal (33.0 lb/carton)

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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