

Architectural Coatings

*Wood Guardian Urethane Varnish***GENERAL DESCRIPTION**

Wood Guardian Interior/Exterior Urethane Varnish is an excellent, interior/exterior, urethane wood varnish for doors, woodwork and trim, floors, cabinets, paneling, furniture, porches, sun decks, lawn furniture and boat decks. This is a hard, durable, abrasion resistant urethane varnish for use in all types of varnish applications where extra durability, abrasion resistance or weather resistance are required.

RECOMMENDED SUBSTRATES

Interior Wood Floors	Wood Cabinets
Interior/Exterior Wood Doors	Wood Garage Doors
Interior/Exterior Wood Furniture	Wood Trim
"Above Waterline" Marine Applications	

FEATURES / BENEFITS

Interior/Exterior
Resists Abrasion and Common Household Chemicals
Protects Against Rain, Sun and Wind Damage
Excellent Ultraviolet Protection
Excellent Hardness
Exceptional Sanding Properties

PRODUCT INFORMATION

PP857	Clear Satin
PP858	Clear High Gloss

PACKAGING

5-Gallon (18.9 L)

PRODUCT DATA

PRODUCT TYPE:	Urethane Varnish
SHEEN:	High Gloss, > 90 @ 60° Satin, 40-55 @ 60°
VOLUME SOLIDS*:	45% +/- 2%
WEIGHT SOLIDS*:	52% +/- 2%
WEIGHT/GALLON*:	7.6 lbs. (3.5 kg) +/- 0.2 lbs. (91 g)
VOC:	< 450 g/L (3.8 lbs./gal.)

*Product data calculated on product PP857.

COVERAGE: Up to 500 sq. ft. (46 sq. meters) per U.S. gallon (3.78 L) depending on surface texture and porosity.

Wet Film Thickness:	3.2 mils
Wet Microns:	81
Dry Film Thickness:	1.4 mils
Dry Microns:	36

Coverage figures do not include material loss due to application or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Touch:	1 hour
To Recoat:	6-8 hours
To Service:	24 hours
Return-To-Service (floors):	5 days

Drying times listed may vary depending on temperature, humidity, film build, and air movement.

CLEANUP: Clean all brushes and applicators with paint thinner or mineral spirits. **DANGER - RAGS, STEEL WOOL OR WASTE SOAKED WITH WOOD GUARDIAN MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.**

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: 101°F (38°C)

LIMITATIONS OF USE

Apply only when air, product, and surface temperatures are between 50°F (10°C) and 90°F (32°C). It is important to maintain air and surface temperatures for 24 hours after application. Avoid painting in direct sunlight or on hot surfaces. Do not apply late in the day when dew and condensation are likely to form, or if rain is expected within 48 hours.

PROTECT FROM FREEZING.

GENERAL SURFACE PREPARATION

Surface must be clean and dry. Remove all loose and peeling paint, dust, dirt, grease, oils, wax, and any other surface contaminants.

BARE WOOD: Sand with 220-grit sandpaper along the wood grain until smooth. Remove all dust. Stain if desired. When applying over stained wood, ensure stain is thoroughly dry.

PREVIOUSLY COATED WOOD: If the clean surface is in good condition, sand with 220-grit sandpaper. Remove all dust. If the finish is damaged or deteriorated, complete removal of the finish is recommended. Do not use polyurethane over light-colored surfaces, wax, shellac, fresh lacquer, lacquer sanding sealer, silicones, or stearates.

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.

APPLICATION INFORMATION

Provide adequate ventilation. Stir well before and during use. Do not shake. When using more than one container of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with a high-quality, natural bristle brush, pad, or spray equipment. Apply thin, even coats with the grain of the wood. For adequate protection on interior surfaces, a minimum of two coats are required. A minimum of three coats are recommended for exterior applications or applications to interior floors. Between coats, sand with 220-grit or finer sandpaper along the wood grain until smooth. Remove dust. Additional and/or maintenance coats will extend the life of the finish. Recoat at the earliest sign of peeling, cracking, or excessive wear.

Airless Spray: For airless spray, use a .011" - .015" tip at 700-800 psi, adjust pressure as needed. 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: Natural Bristle Brush

Roller (nap roller cover): 1/4" - 3/8"

Thinning: Do not thin.

Permissible temperatures during application:

Material: 50 to 90°F (10 to 32°C)

Ambient: 50 to 90°F (10 to 32°C)

Substrate: 50 to 90°F (10 to 32°C)

PRECAUTIONS

For warning information, please refer to the product label and SDS available at the online listing for this product at www.pittsburghpaintsco.com. Keep container tightly closed and sealed until ready for use. SDS, spill, and emergency information are available by calling 1-833-477-1553.

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Technical Services
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