



Uses:

- Trim /Moldings/Chair Rails
- Windows/Doors
- Mantels
- Residential Floors
- Cabinets

Features:

- Recoat in 1 hour
- Maintains excellent clarity
- Seals and protects
- Sands to powder in 1 hour
- Good durability

106.07

WOOD CLASSICS®

WATERBORNE

POLYURETHANE VARNISH

A68 SERIES

SHERWIN WILLIAMS.

As of 09/22/08, Complies with:			
OTC	Yes	LEED® Clv2.0	Yes
SCAQMD	No	LEED® NCv2.2	Yes
CARB	Yes	LEED® CSv2.0	Yes
MPI Spec #	No	LEED® H	No
NAHB	No		

CHARACTERISTICS

The **Wood Classics System** is designed for use on architectural wood in commercial, institutional, and residential new construction and also for refinishing.

Wood Classics Waterborne Polyurethane Varnish provides a rich, even finish with excellent clarity and good durability.

Wood Classics Waterborne Polyurethane Varnish is recommended over white or pastel stain colors because of the clarity of the finish.

Wood Classics Waterborne Polyurethane Varnish can be used as a protective finish over latex-based faux finishes.

Color: Crystal clear when dry
Milky white when wet

Coverage: 400 - 500 sq ft/gal
@ 3.2 - 4 mils wet; 0.8 to 1.0 mils dry

Drying Time, @ 77°F, 50% RH:
Touch: 30 minutes
To Sand: 1 hour
Recoat: 1 hour
Dry to use/service: 6 hours
To apply over latex faux 18 hours

Dry times are based on good ventilation, 77°F temperature and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or thick coats will extend drying times.

Finish:
Gloss 90-95 units @ 60°
Satin 25-30 units @ 60°

Flash Point: N/A

Tinting with Blend-A-Color Toner:
Up to 4 oz. of Blend-A-Color Toner can be added to Wood Classics to shade the topcoats.

Vehicle Type: Polyurethane Acrylic
A68V91 A68F90

	Gloss	Satin
VOC: g/L	311	308
lb/gal	2.60	2.57

Volume Solids ± 2%: 26 27

Weight Solids ± 2%: 29 30

Weight per Gallon, lb: 8.5 8.6

SPECIFICATION

Suggested systems:

- 1st: Wood Classics Stain (optional)¹
- 2nd: Wood Classics Waterborne Polyurethane Varnish
- 3rd: Wood Classics Waterborne Polyurethane Varnish

¹ OTC Compliant in quarts

Note: When used on residential floors, a minimum of 3 coats of Wood Classics Waterborne Polyurethane Varnish are recommended

APPLICATION

STIR WELL before and occasionally during use. DO NOT SHAKE.

Do not use over sealers containing zinc stearate.

Be sure the temperature is above 50°F, and the humidity is below 85%.

Thinning not normally recommended. If desired, thin with water.

Initial foam will usually disappear in the final film.

Product is milky white in the can, but quickly dries to a crystal clear finish.

Brush—Use a synthetic bristle brush. Brush out evenly, avoid unnecessary brushing into already coated areas. Avoid over-brushing which causes bubbling.

Roller—Use a 1/4" nap synthetic or lambs-wool roller cover. Avoid rapid rolling which causes bubbling. Roller apply on horizontal surfaces only.

Spray—Airless
Pressure 2000 psi
Tip011" - .013"

HVLP
Unit Graco 3800 or 4900
Gun 960
Tip 1.4 -1.6 mm

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.

Wood must be dry and cleaned of dirt, grease, wax, polish, and marks. Old finishes in poor condition should be completely removed and the surface treated as a new surface.

New wood should be stored inside for a minimum of 24 hours prior to coating. Varnish applied to wood that has not dried thoroughly can exhibit blotching, discoloration, or cracking.

Sand wood to a smooth surface using 100-120 grit paper. Remove sanding dust with a vacuum or tack cloth.

Do not use steel wool for abrading when using Wood Classics Waterborne Polyurethane Varnish. Since steel wool and water can cause rust, steel wool should be avoided around all water-based wood finishing products.

Avoid sanding wood that has only stain on it, sanding will remove some of the stain creating an uneven appearance.

Protect surrounding items with drop cloths, masking tape, etc.

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SURFACE PREPARATION

After staining with Wood Classics Interior Oil Stain, wait 6 hours before applying Wood Classics Waterborne Varnish. When using other stains, wait 24 hours.

Staining may raise the grain of the wood, developing a slight texture. After the first coat of varnish is applied, if sanding is needed to eliminate this texture, allow 1 hour drying before sanding. Very lightly scuff sand between coats using 180 or finer grit sandpaper.

For coating surfaces where the previous coat has dried greater than 8 hours, scuff sanding must be done prior to application of a fresh coat of Wood Classics Waterborne Polyurethane Varnish.

Although not as effective as sandpaper, synthetic abrasive pads may be used for very light sanding.

Remove sanding dust with a vacuum or water-dampened cloth.

After the last coat of varnish is applied, allow 6 hours drying before using the varnished item.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water.

Adding a small amount of ammonia to the clean up water will make the cleaning easier.

After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

CAUTIONS

For interior use only.
Not for use on commercial floors.
Not for use on surfaces continuously wet or under water.
Do not use over sealers containing zinc stearate.
Do not use as a clear protection over solvent-based glazes or other finishes.

CAUTIONS

CAUTION contains VOLATILE ORGANIC COMPOUNDS, 1-Methyl-2-Pyrrolidinone. CONTAINS MATERIAL THAT MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS AND MAY ADVERSELY AFFECT THE DEVELOPING FETUS BASED ON ANIMAL DATA. VAPOR HARMFUL. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

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The information and recommendations on this Product Data Sheet are based on tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations listed are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent information.