



**SHERWIN
WILLIAMS.**

106.07

WOOD CLASSICS[®]

Waterborne Polyurethane Varnish

A68V00091 Gloss
A68F00090 Satin

| As of 06/29/2017, Complies with: | | | |
|----------------------------------|-----|--------------------|-----|
| OTC | Yes | LEED® 09 NC, CI | Yes |
| OTC Phase II | No | LEED® 09 CS | Yes |
| SCAQMD | No | LEED® 09 H&S | Yes |
| CARB | Yes | LEED® V4 Emissions | No |
| CARB SCM2007 | No | LEED® V4 VOC | No |
| Canada | Yes | MPI | |

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. It 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

Drying and recoat times are temperature, humidity, and film thickness dependent

Finish:

Gloss 80+ units @ 60°
Satin 20-30 units @ 60°

Vehicle Type: Polyurethane Acrylic

A68V00091 Gloss

Flash Point: N.A.

VOC (less exempt solvents): 315 g/L 2.63 lbs/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 25 ± 2%

Weight Solids : 29 ± 2%

Weight per Gallon: 8.54 lb

A68F00090 Satin

Flash Point: N.A.

VOC (less exempt solvents): 312 g/L 2.60 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 25 ± 2%

Weight Solids : 30 ± 2%

Weight per Gallon: 8.58 lb

SPECIFICATION

Suggested systems:

Speed and clarity

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

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

Tinting with BAC or CCE:

| | | |
|-------|--------|----------------|
| Base | oz/gal | Strength |
| Clear | 0-4 | not controlled |

White or light colors

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

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. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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.

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

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.

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| <u>APPLICATION</u> | <u>APPLICATION</u> | <u>CAUTIONS</u> | | | | | | | | |
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| <p>Tips: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p> <p>Surface to be finished must be free from dirt or other foreign matter.</p> <p>Natural wood will change color by itself and clear wood finishes will not keep this from occurring.</p> <p>Remove sanding dust with a vacuum or water-dampened cloth.</p> | <p>Be sure the temperature is above 50°F, and the humidity is below 85%. Do not shake. Stir Satin gently during use.</p> <p>No reduction necessary.</p> <p>Brush—Use a synthetic bristle brush. Brush out evenly, avoid unnecessary brushing into already coated areas. Avoid over-brushing which causes bubbling.</p> <p>Spray—Airless Pressure..... 2000 psi Tip..... .011" - .013"</p> <p>HVLP Unit..... Graco 3800 or 4900 Gun960 Tip.....1.4 -1.6 mm</p> <p>After staining with Wood Classics Interior Oil Stain, wait 6 hours before applying Wood Classics Waterborne Varnish. When using other stains, wait 24 hours.</p> <p>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.</p> <p>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.</p> <p>Although not as effective as sandpaper, synthetic abrasive pads may be used for very light sanding.</p> <p>Remove sanding dust with a vacuum or water-dampened cloth.</p> <p>After the last coat of varnish is applied, allow 6 hours drying before using the varnished item.</p> | <p>Do not use over sealers containing zinc stearate. For interior use only. Not for use on commercial floors. Not for use on surfaces continuously wet or under water. Do not use as a clear protection over solvent-based glazes or other finishes.</p> <p>Before using, carefully read CAUTIONS on label.</p> <table border="0"> <tr> <td>HOTW</td> <td>06/29/2017</td> <td>A68V00091</td> <td>08 315</td> </tr> <tr> <td>HOTW</td> <td>06/29/2017</td> <td>A68F00090</td> <td>08 312</td> </tr> </table> <p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters, hands and tools immediately after use with soap and warm water.</p> <p>Adding a small amount of ammonia to the clean up water will make the cleaning easier.</p> <p>After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.</p> | HOTW | 06/29/2017 | A68V00091 | 08 315 | HOTW | 06/29/2017 | A68F00090 | 08 312 |
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