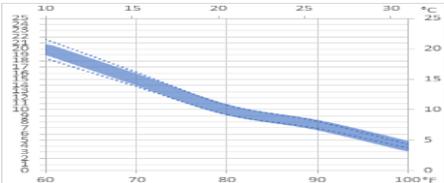




**SHERWIN  
WILLIAMS.**

## SHER-WOOD® HOMOCLAD® Sealer

Clear.....V81V1

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>										
<p><b>SHER-WOOD® HOMOCLAD® Sealer</b> is a tough, moisture resistant, synthetic sealer for use under both solvent and water reducible topcoats.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Deep penetration into wood pores</li> <li>• Imparts dimensional stability by filling the air voids in wood</li> <li>• Better moisture resistance, toughness, and adhesion than lacquer sealers</li> <li>• Resists rot by restoring synthetic resin replacing sap in open pores</li> <li>• Reduces tendency to warp</li> <li>• Low viscosity, deep penetration</li> <li>• Versatile application by dip, brush, spray, or flow-coat</li> <li>• Improves holdout</li> <li>• Can be applied over filler or wiping stain to enhance clarity and water resistance</li> <li>• Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303.</li> </ul>	<p><b>Gloss:</b> Full gloss, but appears flat after sealing wood</p> <p><b>Weight Solids:</b> 16 ± 1%</p> <p><b>Volume Solids:</b> 12 ± 2%</p> <p><b>Viscosity:</b> 10-15 seconds #2 Zahn Cup</p>  <p><i>The above chart is for information only and should not be used as product specifications</i></p> <p><b>Recommended film thickness:</b></p> <table border="0"> <tr> <td>Mils Wet</td> <td>2.0 -4.0</td> </tr> <tr> <td>Dry</td> <td>0.2 - 0.4</td> </tr> </table> <p><b>Spreading Rate</b> (no application loss) 480-960 sq ft/gal @ 0.2-0.4 mil DFT</p> <p><b>Drying</b> (77°F, 45% RH):</p> <table border="0"> <tr> <td>To Handle:</td> <td>30 minutes</td> </tr> <tr> <td>To Recoat:</td> <td>4 hours</td> </tr> <tr> <td>To Pack:</td> <td>Overnight</td> </tr> </table> <p>Force Dry: 60 minutes at 140°F</p> <p><b>Flash Point:</b> 80°F PMCC</p> <p><b>Package Life:</b> 36 months, unopened</p> <p><b>Air Quality Data</b> (Theoretical):</p> <ul style="list-style-type: none"> <li>• Photochemically reactive</li> <li>• Volatile Organic Compounds (VOC) as packaged, maximum: 6.25 lb/gal, 750 g/L</li> </ul>	Mils Wet	2.0 -4.0	Dry	0.2 - 0.4	To Handle:	30 minutes	To Recoat:	4 hours	To Pack:	Overnight	<p><b>Surface preparation:</b></p> <p><b>Wood - New Work</b> (interior only): Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%.</p> <p><b>Previously finished wood</b> (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.</p> <p><b>Testing:</b> 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>
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## APPLICATION

### Typical Setups

Reduction usually not required.

#### Can be applied by:

Conventional Spray  
Airless Spray  
Air Assisted Airless  
HVLP

#### Conventional Spray:

Air Pressure..... 40-45 psi  
Fluid Pressure ..... 10-12 psi  
Tip ..... 042  
.055

#### Airless Spray:

Pressure .....1200-1500 psi  
Tip ..... 009-.013

#### Air Assisted Airless:

Assist Air Pressure ..... 15-20 psi  
Fluid Pressure ..... 600-800 psi  
Tip ..... 009-.013

#### HVLP:

Maximum Air Pressure at Cap....10 psi  
Fluid Pressure ..... 6-8 psi  
Tip ..... 042-.055

#### Cleanup:

Clean tools/equipment immediately after use with Toluol or Xylol.

Follow manufacturer's safety recommendations when using any solvent.

## SPECIFICATIONS

#### Product Limitations:

- Does not sand easily or as soon as lacquer sealer. Scuff sanding is recommended.
- The slower drying is intentional to achieve deep penetration of wood pores.
- Do not apply over toners or bleaching lacquers because a light amber tone will result.

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## CAUTIONS

#### For Industrial Shop Application Only

**Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.**

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or [www.paintdocs.com](http://www.paintdocs.com).

Please direct any questions or comments to your local Sherwin-Williams facility.

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