



**SHERWIN  
WILLIAMS.**

# Chemical Coatings

CC-F13

## 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 flowcoat</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><b>Recommended film thickness:</b>  Mils Wet 2.0 - 4.0  Mils Dry 0.2 - 0.4</p> <p><b>Spreading Rate</b> (no application loss)  400-1125 sq ft/gal @ 0.2-0.4 mil DFT</p> <p><b>Drying</b> (77°F, 45% RH):  To Handle: 30 minutes  To Recoat: 4 hours  To Pack: Overnight</p> <p>Force Dry: 60 minutes at 140°F</p> <p><b>Flash Point:</b> 80°F Pensky-Martens Closed Cup</p> <p><b>Package Life:</b> 36 months, unopened</p> <p><b>Air Quality Data:</b>  Photochemically reactive  Volatile Organic Compounds (VOC) as packaged, maximum  6.25 lb/gal, 750 g/L</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p><b>Wood</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>Testing:</b> Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p>

## 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.

## CAUTIONS

#### **FOR INDUSTRIAL SHOP APPLICATION**

Thoroughly review product label and Material Safety Data Sheet (MSDS) for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

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

**Note:** Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.