



SHERWIN WILLIAMS

# Industrial Wood Coatings

## CC-F731A

# SHER-WOOD® Waterborne White Topcoat

30 Gloss White.....M64W1543  
15 Gloss White.....M64W1540

30 Gloss Clear Mixing Base.....M64F1542  
20 Gloss Clear Mixing Base.....M64F1541

DESCRIPTION	CHARACTERISTICS	SPECIFICATIONS																										
<p><b>SHER-WOOD®</b> Waterborne White Topcoat is an acrylic finish for interior wood products. This waterborne topcoat is designed for use as a self-sealing topcoat. It has good build and provides a durable finish with very good hardness and good chemical resistance compared to traditional acrylic latex and nitrocellulose finishes.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Fast dry to sand and recoat</li> <li>• Meets KCMA (Kitchen Cabinet Manufacturers Association) standards</li> <li>• VOC as packaged &lt;1.66 lb/gal, 199 g/L</li> </ul> <p><b>Air Quality Data:</b></p> <ul style="list-style-type: none"> <li>• Non-photochemically reactive</li> <li>• Volatile Organic Compounds (VOC) theoretical as packaged, maximum less water and exempt solvents: Less than 1.66 lb/gal, 199 g/L</li> <li>• Volatile Hazardous Air Pollutants (VHAPS) as packaged: 0.15 lb/lb of solids</li> </ul> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility, or at <a href="http://www.paintdocs.com">www.paintdocs.com</a>.</p> <p>VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p>	<p><b>Gloss (60°)</b></p> <table border="0"> <tr><td>M64W1543</td><td>30-35 units</td></tr> <tr><td>M64W1540</td><td>13-17 units</td></tr> <tr><td>M64F1542</td><td>20-32 units</td></tr> <tr><td>M64F1541</td><td>17-22 units</td></tr> </table> <p><b>Volume Solids:</b> 25-28 ± 1%</p> <p><b>Weight Solids:</b> 29-38 ± 1%</p> <p><b>Viscosity:</b></p> <table border="0"> <tr><td>Whites:</td><td>19-24 sec #5 Zahn</td></tr> <tr><td>Clear Bases:</td><td>17-22 sec #5 Zahn</td></tr> </table> <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>3.0 – 4.0</td></tr> <tr><td>Mils Dry</td><td>0.8 – 1.0</td></tr> </table> <p>Do not exceed 4.0 mils total dry film for the complete finishing system.</p> <p><b>Spreading Rate</b> (no application loss) 400-450 sq ft/gal @ 1.0 mils DFT</p> <p><b>Drying</b> (77°F, 50% RH):</p> <table border="0"> <tr><td>To Touch:</td><td>30 minutes</td></tr> <tr><td>To Sand:</td><td>30-45 minutes</td></tr> <tr><td>To Recoat:</td><td>30-45 minutes</td></tr> <tr><td>To Stack:</td><td>24 hours</td></tr> <tr><td>Force Dry:</td><td>30 minutes at 120°F</td></tr> </table> <p>Good air movement and humidity control are necessary for proper drying of water reducible coatings. When humid shop conditions exist, lower relative humidity is achieved only by raising the temperature 10-30°F and ventilating out the excess moisture.</p> <p><b>Flash Point:</b> N/A</p> <p><b>Package Life:</b> 12 months, unopened</p>	M64W1543	30-35 units	M64W1540	13-17 units	M64F1542	20-32 units	M64F1541	17-22 units	Whites:	19-24 sec #5 Zahn	Clear Bases:	17-22 sec #5 Zahn	Mils Wet	3.0 – 4.0	Mils Dry	0.8 – 1.0	To Touch:	30 minutes	To Sand:	30-45 minutes	To Recoat:	30-45 minutes	To Stack:	24 hours	Force Dry:	30 minutes at 120°F	<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>Wood Finishing System</b></p> <ol style="list-style-type: none"> <li>1. Seal – Apply first coat of Sher-Wood Waterborne White Topcoat at 3.0-4.0 mils wet. Sand with 320 grit sandpaper and remove sanding dust or debris. For best sanding results, use steartated sand paper.</li> <li>2. Topcoat – Apply second coat of Sher-Wood Waterborne White Topcoat at 3.0-4.0 mils wet. Allow to dry for 30-45 minutes. Repeat sanding and cleaning step.</li> <li>3. Topcoat – Apply additional coat of Sher-Wood Waterborne White Topcoat to achieve build or depth.</li> <li>4. Maximum dry film thickness - 4.0 mils</li> </ol> <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:** Normally not required. If needed to optimize application, reduce with deionized water.

**May be applied by:**

Conventional Spray  
Airless Spray  
Air Assisted Airless  
HVLP  
Vacuum Coat

**Conventional Spray:**

Air Pressure..... 40-50 psi  
Fluid Pressure ..... 8-10 psi Tip  
.....055-.070

**Airless Spray:**

Pressure .....1400-1800 psi  
Tip ..... .013-.015"

**Air Assisted Airless:**

Air Pressure..... 15-20 psi  
Fluid Pressure .....400-600 psi  
Cap/Tip ..... .011-.013"

**HVLP:**

Air Pressure at Cap .....8-10 psi  
Fluid Pressure .....5-10 psi  
Cap/Tip .....055-.070

**Cleanup:**

Clean tools and equipment immediately after use with a 2:1 blend of water and 2-butoxyethanol (R6K25)

Follow manufacturer's safety recommendations when using any solvent.

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## ADDITIONAL INFORMATION

- Protect from freezing. Do not store at temperature below 40°F
- Do not apply at temperature Below 60°F
- Mix thoroughly prior to use. Avoid vigorous agitation which may cause bubbling or foaming.
- Can be tinted using CCE Colorants.

Base	Tint Limit
M64W1540	Up to 4 oz/gal
M64W1543	Up to 4 oz/gal
M64F1541	Up to 12 oz/gal
M64F1542	Up to 12 oz/gal

- The Clear bases can be used as a stand alone, self-sealing clear topcoat or used as a protective clear coat over the White bases.
- Use stainless steel spray equipment. Tank, piping and containers should be lined steel or plastic.

## 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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