



**SHERWIN  
WILLIAMS.**

# Industrial Wood Coatings

CC-F27

**SHER-WOOD®**

## Water Reducible Wiping Stain

Wheat..... S64H501  
Cinnamon..... S64N502  
Cordovan..... S64R515  
Dark Walnut..... S64N505

Cherry..... S64R506  
Mahogany..... S64R507  
Dark Oak..... S64N504

Fruitwood.....S64N503  
Clear.....S64T508  
Custom Blend.....S64WX Series

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>SHER-WOOD® Water Reducible Wiping Stains</b> are ready-to-use, pigmented stains intended to accent and highlight grain definition and the natural beauty of wood products.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Ready-to-use</li> <li>• May be used under all SHER-WOOD® sealers and topcoat systems</li> <li>• Clean colors attain rich wood tones</li> <li>• Durable colors - no color fade or bleed</li> <li>• Excellent clarity - highlights wood grain</li> <li>• Good workability - 10 minutes open time</li> <li>• Excellent re-wetting of stain even after 24 hours drying</li> <li>• Apply by spray, dip, brush or cloth</li> <li>• Use as a spray stain with further reduction</li> <li>• May be blended with other stains in this series to make additional colors</li> <li>• Use to make shading lacquers and toners with SHER-WOOD® KEM AQUA® Lacquer</li> </ul>	<p><b>Gloss:</b> Flat</p> <p><b>Weight Solids:</b> 6 - 11% varies by color</p> <p><b>Volume Solids:</b> 5 - 8% varies by color</p> <p><b>Viscosity:</b> 10-15 seconds #4 Ford Cup</p> <p><b>Drying (77°F, 50% RH):</b>  <b>Working time:</b> Wipe within 10 minutes or before water flashes off. If it dries before wiping, just re-wet with stain and wipe.  <b>Recoat time:</b> 30 minutes after wiping. When sealing or topcoating with solvent based products, the stain must be thoroughly dry. Good air movement is important for water evaporation.</p> <p><b>Flash Point:</b> &gt;200°F Seta Flash Closed Cup</p> <p><b>Package Life:</b> 24 months, unopened</p> <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, less water and exempt solvents &lt;3.26lb/gal, 390 g/L</li> <li>• Volatile Hazardous Air Pollutants (VHAPS) as packaged, &lt;1.0 lb/lb 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><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>Custom Color Stains:</b> Other stain colors can be made by blending stains and/or by incorporating KEM AQUA® colorants, CCE or BAC colorants up to 8 oz./gallon or UCDQ colorants up to 4 oz./gallon into the stain to the desired color or strength.</p> <p><b>To Shade Fillers and Lacquers:</b> Wiping Stains may be added to SHER-WOOD® KEM AQUA® Lacquer to make toners and shading lacquers. A maximum of 4 ounces per gallon should be added to the lacquer to obtain the desired color.</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>

## **APPLICATION**

### Typical Setups

#### **May be applied by:**

Conventional  
Brush  
Sponge  
Cloth  
Dip

#### **Conventional Spray:**

Air Pressure..... 30-35 psi  
Fluid Pressure ..... 6-10 psi

**Reduction:** To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.

#### **Application as a Wiping Stain**

Reduction normally not required. If a lighter color is desired, reduce with water or wipe sooner. Spray a full wet coat. Remove excess stain by wiping using a circular motion with a soft cloth. For a deeper color, allow some of the solvent to flash off, up to 10 minutes maximum working time.

If wiping becomes difficult due to dryness of the stain, rewet with a cloth dipped in stain, then wipe again. Sealers or other wood finishing products may be applied 30 minutes after wiping. Wood surface must be dry before top-coating. Good air movement is necessary for best drying.

#### **Application as a Spray Stain**

For applications requiring a spray stain, reduce 500-700% and spray a uniform coat. Atomization pressure of 6 to 10 psi is typical. Subsequent wood finishing products can be applied after 15 to 30 minutes drying.

#### **Cleanup:**

Clean tools/equipment immediately after use with water, or a blend of water and ammonia, or a 3:1 blend of water and 2-Butoxyethanol, R6K25.

Follow manufacturer's safety recommendations when using any solvent.

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## **ADDITIONAL INFORMATION**

- Continuous agitation is recommended to maintain uniform color.
- Final color is influenced by wood type and substrate variations. Water reducible stain may appear very strong in color on soft wood. If color is too deep, reduce stain with water or allow less drying time before wiping.
- Maintain uniform sanding specification for color reproducibility.
- Not recommended for exterior use.
- When finishing Redwood, Red or White Oak, and Cedar Wood with water-based finishes, tannins may be extracted from the wood and cause yellowing, staining, or discoloration of the stain, sealer and/or topcoat. This tannin bleed is most evident with white or pickled stains and clear topcoats. Users are urged to thoroughly test the system under shop conditions.
- Package colors may be used as is or can be custom blended or tinted for desired color or strength. Additional colors can be made by incorporating KEM AQUA® Colorants, CCE or BAC Colorants up to 8 oz./gallon. UCDQ Colorants can be used up to 4 oz./gallon. **Recognize that package colors and the clear base are filled at 128 oz. Simply adding 8 oz. of any colorant will overfill the container.** Color is influenced by many variables. Color development should be manual and by eye on the intended species and cut of wood that is finish sanded by the customer. Final color should be approved by customer prior to any full scale application.

## **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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