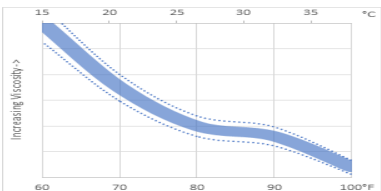




**SHERWIN
WILLIAMS.**

SHER-WOOD® Kemvar® 5411S Wood Surfacers

SurfacersE63W50001

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>				
<p>SHER-WOOD® KEMVAR® 5411S Wood Surfacers is a fast drying, post-catalyzed, acid cured primer for interior MDF and interior solid woodwork. It has extremely good coverage and provides good hold-out of the topcoat. Using SHERWOOD® KEMVAR® 5411S Wood Surfacers provides a high solids primer with excellent filling and sanding characteristics. Top coating KEMVAR® 5411S Wood Surfacers with KEMVAR® 8420S Conversion Varnish provides a superior finishing system. It can be tinted and has low HAPS.</p> <p>Air Quality Data:</p> <ul style="list-style-type: none"> • Photochemically reactive • Volatile Organic Compounds (VOC) theoretical as packaged, maximum less exempt solvents: 3.66 lb/gal, 439 g/L. <p>Volatile Hazardous Air Pollutants (VHAPS) as packaged maximum: less than 0.8 lbs per pound of solids</p> <p>VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility, or at www.paintdocs.com.</p>	<p>Volume Solids: 46 ± 2%</p> <p>Weight Solids: 66 ± 2%</p> <p>Viscosity: 80-88 KU</p>  <p><i>The above chart is for information only and should not be used as product specifications.</i></p> <p>Recommended film thickness:</p> <table border="0"> <tr> <td>Mils Wet</td> <td>3.5 - 5.0</td> </tr> <tr> <td>Mils Dry</td> <td>1.6 - 2.3</td> </tr> </table> <p>Spreading Rate (no application loss) 754 sq ft/gal @ 1.0 mils DFT</p> <p>Drying (77°F, 50% RH): To Sand: 1-2 hours</p> <p>Flash Point: 55°F Pensky-Martens Closed Cup</p> <p>Mixing Ratio: 1 part Surfacers</p> <p>13% (16.64 oz/gal) By Volume Catalyst, Standard Catalyst V66V102 Slow Catalyst V66V103 Fast Catalyst V66V101</p> <p>13% (16.64 oz/gal) By Volume Catalyst, Standard Catalyst V66V20005 Slow Catalyst V66V20006 HF Fast Catalyst V66V20007</p> <p>Add catalyst under agitation using graduated cup. Add thinner after catalyzed to desired application viscosity. Typically about 20% reduction</p> <p>Pot Life: 24 hours</p> <p>Package Life: 1 year, unopened</p>	Mils Wet	3.5 - 5.0	Mils Dry	1.6 - 2.3	<p>Surface preparation: Wood - New Work (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>Previously finished wood (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.</p> <p>Testing: 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>
Mils Wet	3.5 - 5.0					
Mils Dry	1.6 - 2.3					

APPLICATION

Typical Setups

Reduction:

Compatible reducers are
R7K10003 Standard Reducer
R7K10001 Fast Reducer
R7K10006 Slow HF Reducer
R7K10007 Retarder P HF

Conventional Spray:

Air Pressure..... 40 - 50 psi
Fluid Pressure..... .7-10 psi
Cap/Tip..... 1.8-2.0

Air Assisted Airless:

Air Pressure..... 11 - 17 psi
Fluid Pressure..... 290 - 580 psi
Cap/Tip..... .013 - .016

HVLP:

Atomizing Air Pressure at the cap..20-25 psi
Pot Pressure.....7-10 psi
Cap/Tip..... 1.8-2.0

Cleanup:

Clean tools/equipment immediately after use
with reduction solvent

Follow manufacturer's safety
Recommendations when using any solvent.

ADDITIONAL INFORMATION

- KEMVAR® 5411S Wood Surfacer must be catalyzed 13% by volume with the recommended catalyst.
- Catalysts V66V101, V66V102, V66V103, V66V20005, V66V20006 and V66V20007 are acids. To prevent acid corrosion and pitting, all equipment should be made of stainless steel. Containers and piping should be stainless steel or plastic. Acid reacting with iron or steel will cause a discoloration of conversion varnish.
- For best adhesion, sanding is critical. When using KEMVAR® 5411S Wood Surfacer, sanding on solid wood should be done using a maximum of 180 grit sandpaper. All sanding belts and sandpaper used should not be worn, as worn sanding materials may polish the wood.
- When using KEMVAR® 5411S Wood Surfacer on MDF sand any routed areas with a minimum of 400 grit sandpaper. UV filled MDF board must be sanded before application of KEMVAR® 5411S Wood Surfacer to ensure good inter-coat adhesion
- Maximum recommended dry film thickness for total coating system is 7 dry mils. Heavier film build may cause cracking
- Some alkyd paints are affected when applied over acid catalyzed coatings, and may not cure at all. Testing is recommended
- Can be tinted with up to 12 oz/gal with Opticolor® XP or GIS colorants. Do not tint with Umber pigments

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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.

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

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