



**SHERWIN
WILLIAMS.**

Industrial Wood Coatings

CC-F39

SHER-WOOD® Vinyl Primer Surfacer

WhiteP65W4

Custom BlendsP65XX Series

DESCRIPTION

SHER-WOOD® Vinyl Primer Surfacer is a white vinyl lacquer designed as a priming and surfacing coating for interior wood applications. P65W4 offers better moisture resistance than conventional nitrocellulose type wood primers.

Advantages:

- Meets KCMA specifications when used as a primer under Sher-Wood White CAB Acrylic Lacquer
- Meets the Federal HAPS rule for wood finishes as packaged*
- Fast drying
- Good filling properties
- Sands freely with no gumming
- Good gloss holdout
- No critical recoat time
- Can be tinted with OptiColor® XP or GIS colorant up to 6 oz/gal
- Application by conventional, airless, air-assisted airless or HVLP spray equipment
- Can be top-coated with pigmented lacquer
- Good wet and dry hiding
- One package - not catalyzed

*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR 40, Part 63, Subpart JJ

*VOC compliance limits vary from state to state; please consult local air quality rules and regulations.

An Environmental Data Sheet is available from your local Sherwin-Williams facility, or at www.paintdocs.com

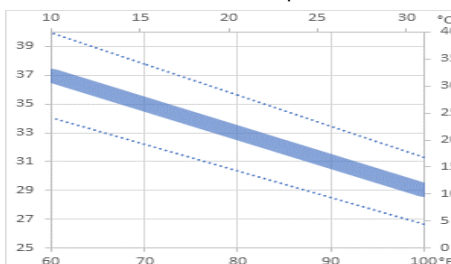
CHARACTERISTICS

Gloss: Flat

Volume Solids: 25.3 ± 3%

Weight Solids: 44.8 ± 2%

Viscosity: as packaged
27-33 seconds #4 Zahn Cup



The above chart is for information only and should not be used as product specifications

Recommended film thickness:

Mils Wet 4.0 - 6.0
Mils Dry 0.9 - 1.3

Spreading Rate (no application loss)
263-408 sq ft/gal @ 0.9-1.3 mils DFT

Drying (77°F, 50% RH):

To Touch: 5-10 minutes
To Handle: 15-20 minutes
To Sand: 30-50 minutes
To Recoat: 30 minutes
Force Dry: 10-20 minutes at 110-140°F

Flash Point: 45°F Pensky-Martens
Closed Cup

Package Life: 2 years, unopened

Air Quality Data:

- Non-photochemically reactive
- Volatile Organic Compounds (VOC)** theoretical as packaged, maximum: 5.15 lbs/gal, 618 g/L less exempts
- Reduced for application 30% with R7K320 5.50 lbs/gal, 660 g/L less exempts
- Volatile Hazardous Air Pollutants (VHAPS) as packaged, maximum: Less than 0.8 lbs per pound of solids

SPECIFICATIONS

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%.

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.

Finishing System:

1. Apply Sher-Wood Vinyl Primer Surfacer at 4.0 - 6.0 mils wet.
2. Allow to dry. Sand with 220-280 grit paper. Remove all sanding dust. A second coat of primer surfacer may be applied after sanding if needed for additional filling. Sand again before top-coating.
3. Topcoat with 1 coat of Sher-Wood White CAB-Acrylic Lacquer, M64 Series.

Note: When finishing MDF, pre-seal routed areas and edges of MDF with vinyl sealer T67F3 before priming. Sealers can be reduced up to 1:2 with HAPS Compliant Lacquer Thinner, R7K320 for this application. Sand sealer lightly before priming. Pre-sealing provides a better appearance and more stable finished product

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.

APPLICATION

Typical Setups

Reducer: Reduce with HAPS Compliant Lacquer Thinner R7K320 as needed up to 30%. R6K9, Acetone can be used as a non-HAPS, non-VOC fast reducer.

Retard: For a HAPS complying retarder thinner use R6K30 MAK up to 5%.

Conventional Spray:

Air Pressure..... 30-50 psi

Fluid Pressure 6-8 psi

Airless Spray:

Pressure1600-2000 psi

Tip011-.015"

Air Assisted Airless: Graco 10:1

Assist Air 20-30 psi

Fluid Pressure 400-800 psi

Cap/Tip011-.015"

HVLP: Mach 1

Atomizing Pressure9 psi

Fluid Pressure 6-8 psi

Cap/Tip 97P/94

Cleanup:

Clean tools/equipment immediately after use with HAPS Compliant Lacquer Thinner R7K320, Lacquer Thinner R7K120 or R7K22 may also be used, but are not HAPS compliant.

Follow manufacturer's safety recommendations when using any solvent.

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ADDITIONAL INFORMATION

- For interior use only.
- Agitate material before and during use.
- Do not intermix with P63 vinyl basecoats or vinyl sealers, T67F3 and P63W2. These qualities are not compatible with P65 Vinyl Primer Surfacer.
- Do not topcoat with clear finishes because P65 Vinyl Primer Surfacer will yellow.
- Do not add acid catalyst to P65 Vinyl Primer Surfacer - acid will not influence drying or hardness.
- Do not topcoat with catalyzed coatings such as catalyzed lacquer or conversion varnishes.
- Maximum dry film thickness of the system should not exceed 4.0 mils.
- Store finished wood parts in an environment to maintain moisture content within 2 percentage points of the 6-8% wood moisture content. Excessive movement in wood moisture content can cause product failure: cracking, delamination, loss of resistance properties.
- Some lower quality woods, such as Luan and Basswood, lack dimensional stability and are not recommended due to increased risk of cracking. All finishing systems should be pre-tested on the substrate prior to use.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.

Performance Tests:

Cold Check:

Passes 20 cold check cycles when primed only or primed and top-coated with White CAB-Acrylic Lacquer M64 Series.

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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