Industrial Wood Coatings

CC-F38

SHER-WOOD® White CAB-Acrylic Lacquer

Gloss Warm White M64W1
Low Gloss Warm White..... M64W2
Gloss Blending White M64W3
Low Gloss Blending White... M64W4

DESCRIPTION

SHER-WOOD® White CAB-Acrylic Lacquers are designed for interior wood finishing where light stable, non-yellowing whites and pastels are required. These white lacquers can be used for finishing kitchen cabinetry, furniture, and other interior woodworking. Cellulose Acetate Butyrate (CAB) Acrylic represents the best chemistry of lacquers for resistance to yellowing.

Advantages:

- Excellent resistance to yellowing - superior to all nitrocellulose compositions
- Meets KCMA specifications when applied over Sher-Wood Vinyl Sealers T67F3, T67F5 and T67F6, Sher-Wood White Vinyl Sealer, P63W2 or Sher-Wood Vinyl Primer Surfacer, P65W4
- Meets the Federal HAPS rule for wood finishes as packaged*
- VOC under 5.5 lb/gal**
- Fast drying – similar to nitrocellulose lacquers
- Application by conventional, airless, air-assisted airless, or HVLP spray equipment
- Excellent print resistance after overnight dry
- Available in a variety of off white and pastel colors
- May be blended with Sher-Wood Clear CAB-Acrylic Lacquer (T75C15 series)

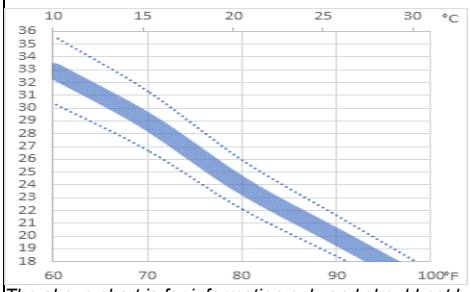
*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR 40, Part 63, Subpart JJ
**VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.

CHARACTERISTICS

Gloss: Gloss 78-85 units
Low Gloss 15-20 units

Volume Solids: 22 ± 2%

Viscosity:
26-32 seconds #2 Zahn Cup
24-29 seconds #4 Ford 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) 272-392 sq ft/gal @ 0.9-1.3 mils DFT

Drying (77°F, 50% RH):
To Touch: 10 minutes
To Handle: 20 minutes
To Sand: 30-60 minutes
To Recoat: 30-60 minutes
Force Dry: 10-20 minutes at 110-140°F

Pack Time: 24 hours

Flash Point: 22-37°F PMCC

Package Life: 2 years, unopened

Air Quality Data (Theoretical):

- Non-photochemically reactive
- Volatile Organic Compounds (VOC) as packaged, maximum 5.42 lb/gal, 649 g/L
- Volatile Hazardous Air Pollutants (VHAPS) as packaged, maximum less than 0.8 lbs per pound of solids

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

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. Spray a full wet coat of Sher-Wood Vinyl Primer Surfacer, P65W4, to hide grain. Apply a second coat if necessary. Where grain definition is desired, prime with Sher-Wood White Vinyl Sealer, P63W2 or Sher-Wood Vinyl Sealers, T67F3, T67F5 or T67F6.
2. Air dry 30 minutes, sand, and remove sanding dust.
3. Apply a full wet coat of Sher-Wood White CAB-Acrylic Lacquer and allow 30-60 minutes drying.
4. For additional fullness, apply a second coat or apply a coat of clear CAB-Acrylic Lacquer for depth and ultimate metal mark resistance.

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 Lacquer Thinner R7K22 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, compatability and performance prior to full scale application.

APPLICATION

Typical Setups

Reduction: Reduce with Lacquer Thinner R7K120 or HAPS Compliant Lacquer Thinner R7K320. For faster dry use MEK at 5-10% or up to 20% Butyl Acetate R6K18 as a HAPS compliant alternative. Acetone, R6K9 can be used as a non-HAPS, non-VOC fast reducer.

Retard: In high humidity conditions or where blushing is evident, add 1-5% MAK R6K30.

Conventional Spray:
Air Pressure .....30-45 psi
Fluid Pressure.....6-8 psi
Reducer ..... none

Airless Spray:
Pressure .....1200-1800 psi
Tip..... .011 - .015"
Reducer .....Lacquer Thinner
Reduction Rate .....as needed up to 10%

Air Assisted Airless:
Air Pressure .....10-15 psi
Fluid Pressure.....400-600 psi
Tip..... .011 - .015"
Reducer .....Lacquer Thinner
Reduction Rate .....as needed up to 10%

HVLP:
Atomizing Pressure.....9 psi
Fluid Pressure.....5-10 psi
Tip.....047
Reducer ..... none

Cleanup:
Clean tools/equipment immediately after use with Lacquer Thinner or a HAPS complying replacement.

Follow manufacturer's safety recommendations when using any solvent.

SPECIFICATIONS

Product Limitations:

- Surface to be finished must be free of grease, dirt, and other foreign matter.
- For KCMA application prime with T67F3, T67F5, T67F6, P63W2, or P65W4 only.
- Self-sealing systems are not recommended.
- Maximum cure and resistance properties are obtained after 14 days air drying.
- For interior use only.
- Agitate thoroughly before use.
- 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.
- Can be tinted up to 4 oz./gal using OptiColor® XP or GIS colorants
- Customer colors and gloss ranges available by intermixing low and high gloss bases

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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