SHER-WOOD® CAB-Acrylic Lacquer

Gloss T75C15
Medium Rubbed Effect (MRE) T75F17
Bright Rubbed (BRE).....T75F16
Dull Rubbed Effect (DRE).....T75F18

DESCRIPTION

SHER-WOOD® CAB-Acrylic Lacquer is formulated to meet the water white and non-yellowing demands of the furniture, kitchen cabinet, and wood finishing mar- kets. It is intended as a clear topcoat over white, "pickled" or light pastel stains where the best non-yellowing properties are required. Cellulose Acetate Butyrate (CAB) Acrylic presents the best chemistry of lacquers for resistance to yellowing.

Advantages:

- Meets the federal HAPS rule for wood products as packaged*
- Water-white color
- Excellent resistance to yellowing - superior to all nitrocellulose composi-tions
- Meets KCMA specifications when applied over Sher-Wood Vinyl Sealer T67F3, T67F5, T67F6 or T67F7
- Fast drying - similar to nitrocellulose lacquers
- Excellent film clarity and color retention
- Application by conventional, airless or air assisted airless spray equipment
- Excellent print resistance after over-night dry
- May be used as a shading lacquer or toner by adding Chroma-Chem® 844 or OptiColor® XP colorants up to 4 ounces per gallon.

Air Quality Data (Theoretical): May vary by color

- Non-Photochemically reactive
- Volatile Organic Compounds (VOC) as packaged, maximum less exempt solvents 5.60 lb/gal, 672 g/L 3.20 lbs VOC/lb solids
- Hazardous Air Pollutants as packaged, maximum less than 0.8 lb per pound of solids

*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ

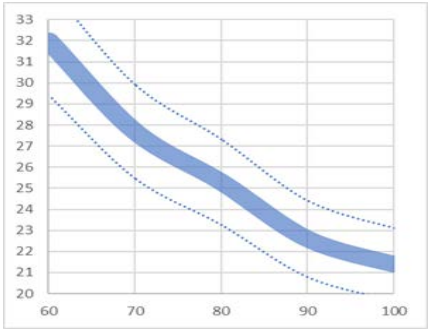
CHARACTERISTICS

Gloss (measured on black glass):

Gloss	85+ units
BRE	55-59 units
MRE	34-38 units
DRE	17-21 units

Volume Solids: 19 ± 1%

Package Viscosity:
26-32 seconds #2 Zahn Cup
23-28 seconds #4 Ford Cup



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

Recommended film thickness:

Mils Wet	4.5 - 6.0
Mils Dry	0.7 - 1.0

Spreading Rate (no application loss)
310-443 sq ft/gal @ 0.7-1.0 mil dft

Drying (77°F, 50% RH):

To Touch:	10 minutes
To Handle:	15-20 minutes
To Sand:	30-60 minutes
To Recoat:	30-60 minutes
Force Dry:	10 -20 minutes at 110-140° F

Flash Point: 37°F PMCC

Package Life: 24 months, unopened

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

SPECIFICATIONS

Wood (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%.

Wood Finishing System:

1. Apply full wet coat of Sher-Wood Vinyl Sanding Sealer, T67F3, T67F5, T67F6 or T67F7.
2. Air dry 30 minutes, sand, remove all sanding dust.
3. Apply full wet coat of Sher-Wood CAB-Acrylic Lacquer and allow 30-60 minutes drying.
4. For more depth and better appear-ance, apply a second coat.
   Do not exceed 4.0 mils DFT for total system.

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.

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APPLICATION

Typical Setups

In high humidity conditions or where blushing is evident, add 1-2% 2-butoxyethanol R6K25, or MAK, R6K30, as a HAPS compliant alternative.

Typical Setups

Conventional Spray:
Air Pressure .... 45-65 psi
Fluid Pressure..... .. 6-8 psi
Reducer……..none

Airless Spray:
Pressure..... ..1200-1800 psi
Tip..... 011-.015"
Reducer.....HAPS compliant lacquer thinner, R7K320 as needed up to 10%. Lacquer thinner, R7K120 may also be used, but is not HAPS compliant.

Air Assisted Airless:
Air Assist..... .. 10-15 psi
Fluid Pressure..... .. 400-600 psi
Cap/Tip ..... 011-.015"
Reducer.....HAPS compliant lacquer thinner, R7K320 as needed up to 10%. Lacquer thinner, R7K120 may also be used, but is not HAPS compliant.

Cleanup:
Clean tools and equipment immediately after use with HAPS complying lacquer thinner, R7K320. Lacquer thinner K120 or K22 may also be used but are not HAPS compliant

Follow manufacturer's safety recommendations when using any solvent

ADDITIONAL INFORMATION

Product Limitations:
- Surface to be finished must be free of grease, dirt, and other foreign matter.
- Sher-Wood Vinyl Sealer, T67F3, T67F5, T67F6 or T67F7, must be used as a sealer to meet the KCMA specification. Do not use any other lacquer or vinyl sealers under CAB- Acrylic Lacquer.
- Self-sealing systems are not recommended.
- Maximum cure and resistance properties are not obtained for at least 14 days air drying.
- Yellowing over white and pastel colors may occur due to the yellowing tendency of the color system (stain, basecoat, etc.), and not to the clear CAB-Acrylic topcoat.
- For interior use only.
- Agitate thoroughly before use.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.
- Do not exceed 4.0 mils DFT for total system.

Performance Tests:
Wood test panels prepared with one coat Sher-Wood Vinyl Sealer, T67F3 and two coats Sher-Wood CAB-Acrylic Lacquer, T75F17 (MRE). Allowed to ambient age 30 days
Panels tested per KCMA Chemical Resistance methods.

Household Chemicals Test
Vinegar.....no effect
Lemon Juice.....no effect
Orange Juice .....no effect
Grape Juice.....no effect
Tomato Catsup.....no effect
Coffee.....no effect
Olive Oil.....no effect
100 Proof Alcohol .....no effect
Water and Detergent, 1% .....no effect
Mustard (1 hour).....very slight discoloring

Cold Check Resistance 20 cycles

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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