



SHERWIN
WILLIAMS.

Industrial Wood Coatings

CC-F48

SHER-WOOD® KEM AQUA® Pigmented Lacquer Primer

White.....E64W500

Custom Blend.....E64XX Series

DESCRIPTION

SHER-WOOD® KEM AQUA® Pigmented Lacquer Primer is a fast drying waterborne primer designed for priming interior woods. When used under Sher-Wood Kem Aqua Pigmented Lacquer, it also functions as a barrier to tannins which may be extracted from the wood.

Advantages:

- Meets KCMA specifications when used under Sher-Wood® Kem Aqua® Pigmented Lacquer.
- Less than 1.5 lb/gal, 180 g/L VOC as packaged*
- Fast drying
- Sands freely with no gumming in 30 minutes
- Good gloss hold-out of topcoat
- No critical recoat time
- Application by conventional, airless, air assisted airless, or HVLP spray equipment
- Good wet and dry hiding
- Custom pastel colors available

Air Quality Data:

- Non-photochemically reactive
- Volatile Organic Compounds (VOC)
Theoretical as packaged, less water and exempt solvents <1.5 lb/gal, 180 g/L
- Volatile Hazardous Air Pollutants (VHAPS) as packaged, no reportable VHAPS

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

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

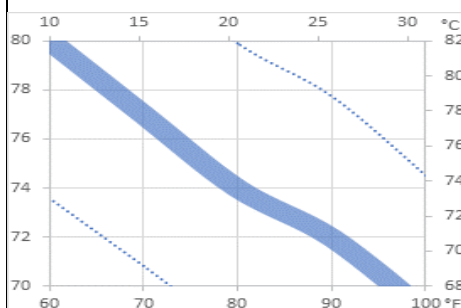
CHARACTERISTICS

Gloss: Flat

Volume Solids: 38 ± 2%

Weight Solids: 53 ± 2%

Viscosity:
70-80 Krebs Units
32-37 seconds #3 Zahn Cup



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

Recommended film thickness:

Mils Wet 4.0-5.0
Mils Dry 1.5-1.9

Spreading Rate (no application loss)
320-410 sq ft/gal @ 1.5-1.9 mils DFT

Drying (77°F, 50% RH):

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

Good air movement and humidity control are necessary for proper drying of water reducible coatings. When humid shop conditions exist, lower relative humidity is achieved only by raising the temperature 10-30°F and ventilating out the excess moisture.

Flash Point: None

Package Life: 1 year, unopened
Protect from freezing

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.

Wood Finishing System

1. Primer—apply Sher-Wood Kem Aqua Pigmented Lacquer Primer at 4-5 mils wet. Air dry thoroughly. Sand with 240 grit sandpaper. A second coat of primer may be applied for improved holdout. Sand between primer coats and before topcoat.
2. Topcoat—apply Sher-Wood Kem Aqua Pigmented Lacquer at 3-4 mils wet. A second coat may be applied. Sand with 240 grit sandpaper between coats.
3. Dry—allow overnight drying before stacking or packing.
4. Maximum dry film thickness of the system must not exceed 4 mils dry.

Shading: May be tinted with up to 4 ounces per gallon with Blend-A Color® colorants, CCE colorants or Kem Aqua® colorants. **Not to be used as part of a basecoat/clearcoat 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.

APPLICATION

Typical Setups

Reduction: Apply full body. If needed, reduce up to 10% with water. To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.

Conventional Spray:

Air Pressure 45-55 psi
Fluid Pressure 10-12 psi

Airless Spray:

Pressure 600-900 psi
Tip011-.013"

Air Assisted Airless:

Air Pressure 15-25 psi
Fluid Pressure 600-900 psi
Tip011-.013"

HVLP:

Air Pressure 6-7 psi
Fluid Pressure 10 psi
Cap 97P/92

Cleanup:

Clean tools/equipment immediately after use with water.
Flush equipment with water followed by flushing with 2 parts water and 1 part 2-Butoxyethanol, R6K25.

Follow manufacturer's safety recommendations when using any solvent.

ADDITIONAL INFORMATION

- Protect from freezing.
- For interior use only.
- Reducing more than 15% with water will lessen performance as a barrier coat to tannins.
- For applications on MDF, two coats of primer are recommended. Sand between coats.
- Paint, substrate and ambient conditions must be above 60°F.
- During high humidity, use force dry up to 140°F with good air movement.
- Mix thoroughly before use. Avoid vigorous agitation which may cause foaming.
- The customer is urged to pretest the system under shop conditions
- Excessive wet film thickness of more than 5.0 mils wet may sag.
- Do not tint with UCDQ colorants or blend with Sher-Wood Kem Aqua Pigmented Lacquers (M64 Series) as package stability is poor.
- For wood substrates requiring a primer with additional filling properties, Kem Aqua® 65P SprayFil is recommended.
- Inside storage between 40°F and 90°F only.
- Can be tinted with either Blend-A-Color® colorants, CCE colorants, or Kem Aqua® colorants up to 4 ounces per gallon.

Performance Tests:

Cold Check Resistance.....Passes 20 cycles when top-coated with Sher-Wood Kem Aqua Pigmented Lacquer.

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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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