



Industrial Wood Coatings

CC-E40

KEM AQUA® BP Pro

White..... M64WH0523
Bright Yellow.....M64YH0502
Red Oxide.....M64RH0501

Black.....M64BH0504
Red Shade Yellow.....M64YH0503
Blue.....M64LH0500
Clear Glaze Vehicle...M64FH0500

Yellow Oxide.....M64YH0501
Bright Red.....M64RH0500
Green.....M64GH0501
Custom Blend.....M64PR Series

DESCRIPTION	CHARACTERISTICS	SPECIFICATIONS
<p>KEM AQUA BP Pro is a single-component monochromatic waterbased acrylic coating for wood and approved composite siding and building products. KEM AQUA BP Pro is suitable for use on properly primed wood, LP Smartside and Fiber cement.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Excellent color and gloss retention • Consistent DFT across peaks and valleys • Good mar and scuff resistance • Enhanced monochromatic pigment platform for consistent performance and enhanced color space • Designed for exterior use. Can also be used for interior applications. <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC) Theoretical as packaged, maximum, less water and exempt solvents 0.55 lb/gal, 66 g/L Volatile Hazardous Air Pollutants (VHAPS) as packaged, maximum: No reportable VHAPS</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.</p> <p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p>	<p>Gloss: 10-15 units @ (60°)</p> <p>Volume Solids: White 37 ± 1% Monos 32 ± 2%</p> <p>Weight Solids: White 52 ± 1% Monos 40 ± 2%</p> <p>Viscosity as packaged: White, Monos: 80 – 90 KU Clear Glaze Veh: 50 – 60 KU</p> <p>Recommended film thickness per coat: Mils Wet 6.0 – 10.0 Mils Dry 1.9 – 3.2</p> <p>Spreading Rate (no application loss) 503-602 sq ft/gal @ 1.0 mils DFT</p> <p>Drying (77°F, 50% RH): To Touch: 10- 15 minutes To Handle: 40 - 50 minutes To Sand As soon as able to handle</p> <p>To Recoat: No critical recoat To Pack: Depends on line and factory conditions</p> <p>Force Dry: 10 minutes at 140°F</p> <p>Good air movement and humidity control are necessary for proper drying of water reducible coatings.</p> <p>Baking Schedule: Flash off time 10 minutes 10 minutes at 140°F</p> <p>Flash Point: 499°F Pensky-Martens Closed Cup</p> <p>Package Life: 24 months, unopened</p>	<p>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>Wood and Engineered Wood (Exterior): Must be primed, clean, dry, and finish sanded. Use of exterior quality primer recommended. Due to the nature of wood and use of various primers these products should be thoroughly tested for exterior performance.</p> <p>Fiber Cement: An additional coat of suitable primer (E69AL0501 or E60WL0536) in addition to factory applied primer is recommended followed by one or two coats of basecoat.</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>

APPLICATION

Typical Setups

May be applied by:

Conventional Spray
Airless Spray
Air Assisted Airless
HVLP

Conventional Spray:

Air Pressure 50 – 60 psi
Fluid Pressure ... 15 – 20 psi 64 oz. min
Cap/Tip 0.70 Tip
Reducer Not recommended *
Recommended Viscosity...As Packaged

Airless Spray:

Pressure.....1800-2500 psi
Tip Size615 - 619 Tip
Reducer Not recommended *
Recommended Viscosity.... As packaged

Air Assisted Airless:

Merkur 23:1 Graco Fixed Head

Air Assist Pressure..... 20 psi
Fluid Pressure 600 – 900 psi
Cap/Tip 615 – 619 Tip
Reducer Not recommended *
Recommended Viscosity...As Packaged

Air Assisted Airless:

Kremlin Fixed Head

Air Assist Pressure..... 15 psi
Fluid Pressure 700 psi
Cap/Tip 09094 Tip
Reducer Not recommended *
Recommended Viscosity...As Packaged

HVLP:

Air Pressure at the cap..... 50 – 60 psi
Fluid Pressure 15 – 20 psi 64oz. min
Cap/Tip 0.70 tip
Reducer Not recommended *
Recommended Viscosity.... As Packaged

* - Reduction will impact DFT

Cleanup:

Clean tools/equipment immediately after use with 4 parts water to 1 part Hi-Lite Solutions Aero Green #4110.
Finish by flushing equipment with solvent to prevent rusting.
Follow manufacturer's safety recommendations when using any solvent

ADDITIONAL INFORMATION

- Kem AQUA® BP Pro requires complete evaluation including application and performance for each end user on each substrate to qualify for use
- Intended for OEM applications only.
- Protect from freezing. Store between 45-90°F.
- If possible, preheat substrate to 70-140°F prior to application.
- Good air movement and humidity control are necessary for proper drying of water reducible coatings. Cold and moist conditions prolong cure dramatically if conditions are near dew point. Seven days is necessary for full cure. Slip sheeting is recommended especially for fiber cement and heavy or abrasive substrates. Packaging should allow finished products to breath to allow excess moisture to escape.
- Wet mils applied must result in dry mils required.

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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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