




GEMINI
COATINGS

PRODUCT DATA SHEET

Premium Waterborne Exterior
WBE-00XX

DESCRIPTION

This product is a waterborne acrylic alkyd, which has been designed to provide maximum durability for interior, as well as exterior wood substrates. Superior durability and non-yellowing properties qualify this product as a preferred coating for high quality furniture and cabinetry. For wood substrates only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
WBE-0010 Flat (10°) WBE-0030 Satin (30°) WBE-0060 Semi-Gloss (60°) WBE-0090 Gloss (90°)	<p>Viscosity: 30-35' (#2 Zahn)</p> <p>Weight Solids: 36.6-38.8%</p> <p>Volume Solids: 33.4-34.6%</p> <p>Weight/Gallon: 8.90-9.04 lbs/gal</p> <p>Film Hardness: 2B Overnight</p> <p>VOC (Reg./coating): 214.08-227.50 g/l</p> <p>VOC (Act./material): 94.04-96.55 g/l</p> <p>HAPs: Zero</p> <p>Coverage: 552 Sq. Ft. per gallon at 1 mil dry film thickness.</p> <p>Dry Time: Touch: 15 minutes Recoat: 30 minutes</p> <p><i>(Note: relative humidity and temperature will effect dry time)</i></p> <p>Shelf Life: 12 months if unopened and stored in a cool dry area. Always rotate stock.</p> <p>Protect product from freezing.</p> <p>Airless Equipment Usage:</p> <p>**Due to the nature of this product, when used in airless equipment that is not a stainless steel system; pumps require daily flushing and cleaning. Do not leave product in the system overnight as discoloration can take place due to reaction between the coating and non-stainless metals. **</p>	<p>Reduction: Reduction is not necessary. If needed, water should be used for reduction. Very little water is needed to reduce viscosity, typically no more than 5% by volume.</p> <p>Retarder: If a slower dry time is desired, use SOL-0090 at levels not to exceed 5%.</p> <p>Note: Effective dry times will be lengthened if retarder is added.</p> <p>*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <p><i>Note: These numbers represent actual control values on a smooth, sanded substrate. Spray techniques, texture, and sealing as well as film thickness may give different results on actual work, but they may be used for comparison. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</i></p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> • Zero HAPS • Extremely Low VOC's • Resists Yellowing • Interior or Exterior • Exceeds KCMA and ASTM When Applied to Manufacturer's Specifications. 		

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PRODUCT DATA SHEET WBE-00XX CONTINUED



Substrate preparation:

New wood: Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%. Sand to 150-180 grit. Proper sanding of wood is absolutely critical to achieve the best color development and adhesion of the coating to the substrate.

Old wood: Strip old finishes completely and remove all contaminants from the surface. Make sure the surface is dry, sand as required. Finish same as new wood.



Mixing Instructions:

DO NOT SHAKE! Mix thoroughly before use. Material may be mixed by hand or mechanical agitation at moderate speed.



Application:

Using conventional, HVLP, airless, or air assisted equipment, apply this product at 3-4 wet mils per coat. Let dry a minimum of 30 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air. This product must be sanded in between coats to ensure proper adhesion.

For optimum performance of this waterborne urethane, we recommend that it be applied as a self-sealing system. When applied as a self-sealing system, we recommend the total coating system not exceed three coats with a final dry film thickness no greater than 4 mils.



Recommended Tip Sizes:

Conventional Air	1.5- 1.8mm
HVLP	1.7-1.9mm
Airless	12-15 thousandths
Air Assisted Airless-	13-15 thousandths



Precautions:

These products are intended for Professional use only. Do not proceed if you are planning on mixing with other finishing systems or other manufacturer's products. Gemini will not be held liable for finish failures due to the improper use of our products or deviation from our finishing recommendations

Equipment:

All equipment used with this product must have plastic, stainless steel, or Teflon fluid passages and wetted parts

Containers:

We supply this material in a lined container. All containers used in conjunction with storage and/or application of this product must be stainless steel, plastic, or acid resistant.

Clean up:

Use water to clean all equipment when material is in a liquid stage. Use 2:1 mixture of water and Butyl Cellosolve (SOL-0061) to remove semi-dried coating. Use Acetone to remove dried coating. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

Care and cleaning of this finish: Use a mild dishwashing liquid and a damp cloth to remove food, grease, and other residue. Wipe dry. Do not use cleaners that contain ammonia, bleach, or abrasives as this may damage the finish.