




DESCRIPTION

WBP-1102 is a single component waterborne primer designed to dry fast and have excellent sanding properties. This product meets or exceeds the performance parameters outlines by KCMA and ASTM. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
<p>WBP-1102</p>	<p>Viscosity: 25"-30" #3 Zahn @ 77°F</p> <p>Weight Solids: 51%</p> <p>Volume Solids: 32%</p> <p>Weight/Gallon: 11.2 lbs./gal</p> <p>VOC (Act./material): 0.3 lbs./gal (less exempt solvents) or 36 g/l</p> <p>VOC (reg./coating): 0.7 lbs./gal or 89 g/l</p> <p>HAPS: Zero</p> <p>Coverage: 550 sq. ft. per gallon at one mil dry film thickness</p> <p>Dry Time: Tack free in 15-20 minutes, sand in 30-45 minutes. <i>(Note: relative humidity and temperature will affect dry time)</i></p> <p>Shelf Life: 12 months in a properly sealed container. Always rotate stock.</p> <p>Protect product from freezing.</p> <p>This primer can be coated with a durable exterior topcoat and retain its coating properties.</p> <p>This product is not intended for large exterior surfaces.</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:</p> <p>Thinning: Mix thoroughly before use. Reduction may be required for certain types of application. Water should be used for reduction, not to exceed 15% by volume.</p> <p>Retarder: If a slower dry time is desired, use Butyl Carbitol, not to exceed 2% by volume.</p> <p>Approved Companion Products WB-14X0 Series</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>
<p>PRODUCT ADVANTAGES</p> <ul style="list-style-type: none"> • Excellent Hiding power • Excellent Sanding Properties • Quick Dry And Stack Times • Durable, Moisture Resistant Film • LOW Odor • LOW VOC • HAPs Free • Meets KCMA Performance Requirements When Applied To Manufacturers Specifications  <p>Complies With LEED IEQ Credit 4.2</p>		

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PRODUCT DATA SHEET CONTINUED WBP-1102



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:

Mix thoroughly before use. **DO NOT SHAKE!** 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 30-45 minutes. Sand with 240-280 grit, no-fill sandpaper and remove sanding dust with clean compressed air. This product must be sanded in between coats to ensure proper adhesion.

Typically we recommend a coating system comprised of 1-2 two coats of WBP-1102 applied at 3-4 mils wet film build and 1 coat of WB-14X0 series topcoat applied at 3-4 mils wet film build. **Maximum dry film thickness of the complete system must not exceed 4 dry mils.**

This product must not be polluted with oil, solvent based paint or the like and should not be applied to metal surfaces. Application and drying conditions must be at temperatures of 64°F or above and at a humidity of less than 65%. Increased air flow and/or drying temperatures, including the use of infrared lighting for cure will significantly decrease dry times.



Recommended Tip Sizes:

Conventional Air	1.4-1.8mm
HVLP	1.7-1.9mm
Airless	10-15 thousandths
Air Assisted Airless-	11-15 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 plastic or lined container. All containers used in conjunction with storage and/or application of this product must be stainless steel, plastic, or otherwise acid resistant.

Clean up:

Use water to clean all equipment when material is in a liquid stage. 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.