

PRODUCT DATA SHEET

Premium White Waterborne Primer

DESCRIPTION

WBP-1102 is a single component waterborne primer designed to dry fast and have excellent sanding properties. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS COATING PROPERTIES PREPARATION INSTRUCTIONS WBP-1102 Viscosity: 20-25 #3 ZAHN Reduction/Thinning*: Reduction is not Weight Solids: 49.1% necessary but may be required for certain Volume Solids: 32.6% types of application equipment. Use water Weight/Gallon: 10.97 lbs./gal for reduction. Very little water is needed Coverage: 523 sq. ft. per gallon at one mil to reduce viscosity, typically no more than dry film thickness. 5-10%% by volume. VOC (reg./coating): .98 lbs./gl. or 118.4 g/l PRODUCT ADVANTAGES VOC (act/material): .36 lbs./gl. or 44.3 g/l Excellent Hiding power VOC Ratio: 0.068 lbs. VOC/lbs. Solids Retarder: To improve flow and leveling or HAPS Ratio: 0.0 lbs. HAPS/lbs. Solids to assist with coalescing at lower Excellent Sanding Properties temperatures, use SOL-0090 at levels not Quick Dry And Stack Times to exceed 4% by volume (5 oz per **Dry Times:** gallon). Maximum VOC when adding Air Dry: at 78° F, relative humidity 50% Durable, Moisture Resistant To touch: 8-10 minutes retarder as specified is < 275 grams per Film To handle: 15-20 minutes liter. To sand/recoat: 30-45 minutes ➤ LOW Odor Force Dry: > LOW VOC Flash: 10 minutes Bake: 30 min @ 105° F * Airless Equipment Usage: > HAPs Free Cool down: 10 min ➤ Meets KCMA Performance Stack: 4-6 hours **Due to the nature of this product, Requirements When Applied To when used in airless equipment that is Manufacturers Specifications not a stainless steel system; pumps Relative humidity will affect the speed of require daily flushing and cleaning. drying. Ideal conditions are 75° F or warmer Do not leave product in the system at 50% humidity or less. Dry time will be overnight as discoloration can take faster at higher temperatures and lower place due to reaction between the humidity and equally slower at colder coating and non-stainless metals. ** temperatures and higher humidity. Dry Film Thickness: To optimize performance, the ideal DFT for this primer should be between 1-1.3 mils. Please refer to the PDS for the specific topcoat you are using **Approved Companion Products** for maximum allowable DFT for the complete WB-14X0 Series system. **Shelf Life:** 12 months @77° F if unopened and stored in a cool dry area. Always rotate stock. Storage: Protect product from freezing.

February, 2023

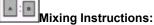
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PRODUCT DATA SHEET CONTINUED WBP-1102



New wood: Remove any dirt, grease, glue or other contaminants. Moisture content of wood should be 7-9%. Sand to150-180 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.



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

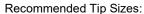


Application:

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.



Conventional Air
HVLP
1.9-2.2 mm
Airless
Air Assisted Airless9-11 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 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.