



HAPS COMPLIANT WHITE VINYL PRIMER
110-0003

DESCRIPTION

110-0003 Is an exceptionally durable pre-catalyzed vinyl primer designed for use under our pre-catalyzed topcoat systems. It provides excellent chemical and moisture resistance and excellent build. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
110-0003	<p>Viscosity: 32 #4 Ford Weight Solids: 40.48 % Volume Solids: 24.48 % Weight/Gallon: 8.97 lbs./gal Coverage: 395 sq. ft. per gallon at one mil dry film thickness.</p>	<p>Catalyzation: This product comes pre-catalyzed. Do NOT add catalyst.</p>
<p>PRODUCT ADVANTAGES</p> <ul style="list-style-type: none"> ➤ Good Holdout And Build ➤ User Friendly ➤ AIM Compliant ➤ HAPs Compliant ➤ Phthalate Free 	<p>VOC (reg./coating): 5.26 lbs./gl. or 630 g/l VOC (act/material): 4.96 lbs./gl. or 594 g/l VOC Ratio: 1.37 lbs. VOC/lbs. solids HAPS Ratio: 0.2863 lbs. HAPS/lbs. Solids</p> <p>Dry Times: Air Dry: at 78°F, relative humidity 50% To touch: 5 minutes To Handle: 15 minutes To sand/recoat: 45 minutes Force Dry: Flash: 8-10 minutes Bake: 15 min @ 110° F Cool down: 10 min Stack immediately after cool down Relative humidity will affect the speed of drying. Ideal conditions are 75° F or warmer at 50% humidity or less. Dry time will be faster at higher temperatures and lower humidity and equally slower at colder temperatures and higher humidity.</p> <p>Dry Film Thickness: <i>Ideal dry film thickness for this primer is 1-1.5 dry mils. Maximum DFT for the complete system must not exceed 3 mils.</i></p> <p>Shelf Life: 12 months @77° F if unopened and stored in a cool dry area. Always rotate stock.</p> <p>Storage: Keep away from heat or sparks.</p>	<p>Reduction: Thinning: This product is supplied ready to spray for airless application. If needed due to conditions in your facility, or for certain types of spray equipment, use SOL-9011 HAPs Free Thinner or SOL-9059 HAPs Free Reducer at levels not to exceed 5% by volume* Max VOC after recommended thinning is less than 680 grams per liter.</p> <p>Retarder: If a slower dry time is desired, or to prevent blushing in humid weather use SOL-9012 at levels not to exceed 4% by volume.</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>Approved Companion Products 410-0002</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>

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PRODUCT DATA SHEET 110-0003 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:

Mix material thoroughly before and during 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 45 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag.

Typically we recommend a coating system comprised of one coat of 110-0003 applied at 3-4 mils wet film build and 2 coats of our 410-0002 HAPs Compliant White Precat. Maximum dry film thickness of the complete system must not exceed 3 dry mils.



Recommended Tip Sizes:

Conventional Air	1.3-1.8mm
HVLP	1.3-1.8mm
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 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 SOL-9011 Non HAPs Thinner or SOL-9059 HAPs Free Reducer to clean up all equipment. 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.