



DESCRIPTION

Gemini's PC-00XX Series is an extremely user friendly, pre-catalyzed lacquer designed for professional wood finishers. This product is catalyzed at the factory, supplied ready to spray, and meets or exceeds the performance parameters outlined by the National Kitchen Cabinet Association when applied as recommended. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
PC-0090 Gloss PC-0060 Semi-Gloss PC-0030 Satin PC-0020 Dull PC-0010 Flat PC-0005 Dead Flat	<p>Viscosity: 26-28 #2 Zahn Weight Solids: 26.8 - 28.4% Volume Solids: 19.6- 20.7 % Weight/Gallon: 7.65-7.74 lbs./gal Coverage: 315-331 sq. ft. per gallon at one mil dry film thickness.</p> <p>VOC (coating): 5.44-5.50 lbs./gl. or 652-660 g/l VOC (material): 5.02-5.08 lbs./gl. or 602-609 g/l VOC Ratio: 2.29-2.47 lbs. VOC/lbs. Solids HAPS Ratio: 0.63 -0.68 lbs. HAPS/lbs. solids</p> <p>Dry Times: Air Dry: at 78°, relative humidity 50%; To touch: 8 minutes To Handle: 12 minutes To sand/recoat: 30-45 minutes Force Dry: Flash: 8-10 minutes Bake: 15 minutes @110°F Cool down: 10 minutes Stack: 1 hour after cool down Relative humidity will affect the speed of drying. Ideal conditions are 75° 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: Maximum DFT for a complete system must not exceed 4 dry mils.</p> <p>Pot Life: N/A</p> <p>Shelf Life: 12 months @77° F if unopened and stored in a cool dry area. Always rotate stock. Storage: Keep away from heat or sparks.</p>	<p>Catalyzation: This product comes pre-catalyzed. Do NOT add catalyst.</p> <p>Reduction: Thinning: This product is supplied ready to spray. If needed due to conditions in your facility use SOL-9059 HAPs Free Reducer, SOL-9011 HAPs Free Thinner at levels not to exceed 10% by volume*</p> <p>Retarder: If a slower dry time is desired, use SOL-9056 (PM Acetate) between 4-6% by volume, or SOL-9012 Haps Free Retarder 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 PVS-0100 NEXUS Precat Vinyl Sealer USM-0350 Ultra Seal Max Precat Sealer</p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ HAPs & AIM Compliant ➤ Extremely User Friendly ➤ Fast Dry And Easy Sanding ➤ No Catalyst Required ➤ Water Clear ➤ Contains UV Inhibitor ➤ Self Sealing ➤ Meets KCMA Performance Requirements When Applied to Manufacturer's Specifications ➤ NFPA 255 Class A Rated For Flame Spread Utilizing ASTM E 84 Standard ➤ Pthalate Free ➤ Non Photo Chemically Reactive <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 PC-00XX SERIES CONTINUED



Substrate preparation:

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

New wood: 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 as new work.



Mixing Instructions:

Mix material thoroughly before and during use. Material may be mixed by hand or mechanical agitation at moderate speed.



Application:

If staining, apply the approved Gemini stain of your choosing and let dry per the instructions on the PDS for that particular stain. 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 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag. This product must be sanded in between coats to ensure proper adhesion.

This product may be used with a sealer or as a self-seal system. If a sealer is desired, we recommend a coating system comprised of one coat of a companion sealer (please refer to the Approved Companion Products section of this document) applied at 3-4 mils wet film build, and 1-2 coats of topcoat applied at 3-4 mils wet film build. If used as a self-seal system we recommend 2-3 coats of PC-00XX series. Maximum dry film thickness of the complete system must not exceed 4 dry mils.



Recommended Tip Sizes:

Conventional Air	1.3-1.8mm
HVLP	1.5-1.9mm
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 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-9059 HAPs Free Reducer or SOL-9011 Non HAPs Thinner 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.