

PC-1600 Precat Clear Sealer

DESCRIPTION

PC-1600 Pre-catalyzed Clear Sealer is a water white sanding sealer designed for professional woodworkers who need a high-solids, ready-to-spray finish. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
PC-1600 Sealer	<p>Viscosity: 22 – 28" #2 Zahn</p> <p>Weight Solids: 24% +/- 1.0%</p> <p>Volume Solids: 18% +/- 1.0%</p> <p>Weight/Gallon: 7.6 lbs.</p> <p>Coverage: 284 sq. ft. per gallon at one mil dry film thickness.</p>	<p>Catalyzation: This product is packaged pre-catalyzed. Do NOT add catalyst.</p> <p>Reduction:</p> <p>Thinning: Supplied ready-to-spray. If thinning is needed due to conditions in your facility use SOL-9059 HAPs Free Reducer, or SOL-9011 HAPs Free Thinner at levels not to exceed 10% by volume.*</p>
<p>PRODUCT ADVANTAGES</p> <ul style="list-style-type: none"> ➤ Meets KCMA Standards ➤ Resists Moisture ➤ Ready To Spray Viscosity 	<p>VOC (coating): 5.58 lbs./gl. or 669 g/l VOC (material): 4.80 lbs./gl. or 575 g/l VOC Ratio: 2.62 lbs. VOC / lbs. Solids HAPS Ratio: 0.47 lbs. HAPs / lbs. Solids</p> <p>Dry Times:</p> <p>Air Dry: at 78° F, relative humidity 50%</p> <p>To touch: 7 minutes To handle: 15 minutes To sand/recoat: 25 - 30 minutes</p> <p>Force Dry:</p> <p>Flash: 10 minutes Bake: 15 minutes @ 110°F Cool down: 10 minutes</p> <p>Dry Film Thickness: Maximum DFT for a complete system must not exceed 5 dry mils.</p> <p>Pot Life: N/A</p> <p>Shelf Life: 21 months @ 77°F if unopened and stored in a cool dry area. Always rotate stock.</p> <p>Storage: Keep away from heat and sparks.</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:</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</p> <p>PCS-16XX Precat Clear 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>

February 2026

The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. **HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER. **CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN!** BEFORE using this product, it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact the manufacturer.

PRODUCT DATA SHEET PCS550-0100 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:

If staining, apply the approved Gemini stain of your choice and let dry per the instructions on the PDS for that particular stain. Use conventional, HVLP, airless, or air assisted equipment to apply this product at 3-4 wet mils per coat. Let dry for a minimum of 25 minutes. Sand with 280-320 grit no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag. This sealer must be sanded before applying a topcoat.

Typically, we recommend 1 coat of PCS-1600 applied at 3-4 mils wet film build and 2 coats of topcoat applied at 3-4 mils wet film build. Please refer to the Approved Companion Products section of this document for a list of approved topcoats. Please refer to the PDS for the topcoat you choose for dry film limitations for the complete system.



Recommended Tip Sizes:

Conventional Air	1.3-1.8 mm
HVLP	1.5-1.9 mm
Airless	10-13 thousandths
Air Assisted Airless-	11-13 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 manufacturers' 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-0020 Acetone, or SOL-9032 Zero VOC Lacquer 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.