



PRODUCT DATA SHEET

275 VOC Pre-cat Deep Tint Base

DESCRIPTION

PC275TB-1230 is a pre-catalyzed lacquer that has been formulated specifically for tinting medium to dark opaque colors. This tint base can either be top-coated with our NEXUS 275 VOC Clear Pre-cat, or may also be used as a stand-alone topcoat. The NEXUS product line has been formulated for use on kitchen and bathroom cabinetry, architectural woodwork, and fine furniture. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
PC275TB-1230 Satin	Viscosity: 15-17 #2 Zahn Weight Solids: 27.6 % Volume Solids: 19.4 % Weight/Gallon: 7.96 lbs./gal Coverage: 311.2 sq. ft. per gallon at one mil dry film thickness. VOC (coating): 2.27 lbs./gl. or 272 g/l VOC (material): 0.65 lbs./gl. or 78.86 g/l VOC Ratio: 0.29 lbs. VOC/lbs. solids HAPS Ratio: 0.0 lbs. HAPS/lbs. Solids Dry Times: Air Dry: at 78° F, relative humidity 50% To touch: 5 minutes To Handle: 15 minutes To sand/recoat: 45-60 minutes Force Dry: Flash: 8-10 minutes Bake: 15 @110°F minutes Cool down: 10 minutes Stack: 1 hour 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. Dry Film Thickness: Maximum DFT for the complete system must not exceed 4 mils. Shelf Life: 6 months @77° F if unopened and stored in a cool dry area. Always rotate stock. Storage: Keep away from heat or sparks.	Catalyzation: This product comes pre-catalyzed. Do NOT add catalyst. Tinting: May be tinted up to 12.8 ounces per gallon (10% by volume) with Chromaflo 844 colorants. Do not use umber pigments. Never tint with Universal Colorants that contain Glycol. Fill Level: 115 oz Reduction/Thinning: This product is supplied ready to spray and no reduction is necessary. If needed due to equipment or conditions in your facility use SOL-0020 Acetone, or SOL-9032 Zero VOC Lacquer Thinner at levels not to exceed 5% by volume* Maximum VOC after recommended reduction is 275 g/l Approved Companion Products PCS275-0100 275 VOC Pre-cat Sealer PC275-00XX 275 VOC Pre-cat Lacquer <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>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none">➤ 275 VOC Compliant➤ HAPs Free➤ Durable➤ Ready to Spray➤ Self Sealing➤ Short Filled For Tinting➤ Meets KCMA Requirements When Applied To Manufacturer Specifications➤ Non Photo Chemically Reactive➤ Phthalate Free		

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PRODUCT DATA SHEET PC275TB-1230 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 3-3.5 wet mils per coat. Let dry a minimum of 45-60 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.

Recommended System #1-Apply two coats of tinted color following the procedure listed above with proper drying time and sanding in between coats. Apply a final coat of PC275-00XX NEXUS clear 275 VOC pre-cat in the desired sheen.

Recommended System #2. Apply one coat of a companion sealer (see approved companion products section) applied at 3-3.5 mils wet film build and 1 coat of tinted color applied at 3-4 mils wet film build. Apply a final coat of PC275-00XX NEXUS clear 275 VOC pre-cat in the desired sheen.

Self seal system:

Apply 2-3 coats of tinted color following the procedure listed above with proper drying time and sanding in between coats. **Maximum dry film thickness of any of these complete systems must not exceed 4 dry mils.**



Recommended Tip Sizes:

Conventional Air	1.3-1.8 mm
HVLP	1.7-1.9 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 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-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.