



Precatalyzed – Non-Stearated – 550 VOC  
Sanding Sealer – 210-0030

### DESCRIPTION

210-0030 is a high quality precatalyzed sanding sealer, designed to be used under our 550 VOC Pre-catalyzed topcoats. This sealer is water clear and has been formulated to resist the degradation caused by UV radiation. It is high solids and quick to cure; thereby, producing films with excellent build and fast sanding schedules. In addition, this product is virtually HAP's free and non-photo-chemically reactive. For wood substrates only. For interior use only.

### PRODUCT NUMBERS / SHEENS

# 210-0030

### COATING PROPERTIES

**Viscosity:** 19 #2 Zahn  
**Weight Solids:** 28.66 %  
**Volume Solids:** 20.84 %  
**Weight/Gallon:** 7.45 lbs./gal  
**Coverage:** 334 sq. ft. per gallon at one mil dry film thickness.

### PREPARATION INSTRUCTIONS

**Catalyzation:** This product comes pre-catalyzed. Do NOT add catalyst.

**Reduction:**  
**Thinning:** This product is supplied ready to spray. Thinning is not recommended.

**Retarder:** If a slower dry time is desired, or to prevent blushing in humid weather use SOL-0061 Retarder at levels not to exceed 4 oz per gallon (3% by volume)\*

**Note:** Effective dry times will be lengthened if retarder is added

VOC after adding recommended retarder amount is less than 550 grams per liter.

\*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.

**Approved Companion Products**  
**510-001X Series 550 VOC Pre-catalyzed Lacquers**

*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.*

### PRODUCT ADVANTAGES

- 550 VOC
- Virtually HAP's Free
- High Solids
- User Friendly
- Rapid Cure Schedule
- Water Clear
- Excellent Sanding Properties
- Resists Yellowing
- Ready To Spray As Supplied
- Meets KCMA & ASTM Performance Requirements When Applied to Manufacturer's Specifications
- Non Photo Chemically Reactive
- Phthalate Free

**VOC (coating):** 4.5 lbs./gl. or 534 g/l  
**VOC (material):** 2.7 lbs./gl. or 323g/l  
**VOC Ratio:** 1.26 lbs. VOC/lbs. solids  
**HAPS Ratio:** 0.0425 lbs. HAPS/lbs. solids

**Dry Times:**  
**Air Dry:** at 78°F, relative humidity 50%  
To touch: 8 minutes  
To Handle: 15 minutes  
To sand/recoat: 30 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.

**Dry Film Thickness:**  
*Total DFT for the complete coating system should not exceed 3 mils.*

**Pot Life:** N/A

**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.



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## PRODUCT DATA SHEET 210-0030 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 choosing and let dry per the instructions on the PDS for that particular stain. Using conventional, HVLP, airless, or air assisted equipment, apply this sealer at 3-4 wet mils per coat. Let dry a minimum of 30 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 a coating system comprised of one coat of 210-0030 applied at 3-4 mils wet film build and 1-2 coats of topcoat applied at 3-4 mils wet film build. 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-0500 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.