



GEMCOAT High Solids Precat

When you are looking for the highest quality pre-catalyzed finish, second best doesn't cut it. Gemcoat High Solids Precat is a catalyzed Alkyd Amino coating that was formulated specifically for kitchen and bathroom cabinetry, and provides superior water and chemical resistance compared to standard pre-catalyzed lacquers. When you want it done right, use what the professionals use: *Gemini, The Professionals Choice.*



PRODUCT ADVANTAGES

- High Solids
- Water Clear
- Self-Sealing, Two Coat System
- 4 Month Pot Life After Catalyzation
- EASY. Once Catalyzed Just Stir and Spray
- Contains UV Inhibitor
- Superior Chemical Resistance Compared to Conventional Pre-Catalyzed Lacquers
- Meets or Exceeds KCMA Performance Requirements When Applied To Manufacturer Specifications

- 510-0490 GLOSS
- 510-0460 SEMI-GLOSS
- 510-0430 SATIN
- 510-0420 DULL
- 510-0410 FLAT



Gemini "The Professional's Choice"
is a Division of Gemini Industries

for more information regarding Gemini "The Professional's Choice"

800.262.5710 or visit www.gemini-coatings.com



GEMINI
COATINGS

PRODUCT DATA SHEET

GEMCOAT
HIGH SOLIDS PRECAT

DESCRIPTION

Gemcoat High Solids Precat is a high solids, crosslinking, alkyd/amino coating providing superior water and chemical resistance compared to standard pre-catalyzed lacquers. It also has excellent resistance to yellowing and great sanding properties. Formulated specifically for kitchen and bathroom cabinetry, architectural woodwork, and fine furniture. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
510-0490 GLOSS 510-0460 SEMI-GLOSS 510-0430 SATIN 510-0420 DULL 510-0410 FLAT	<p>Viscosity: 26' #2 Zahn Weight Solids: 30.7-32.3% Volume Solids: 23.3- 24.2% Weight/Gallon: 7.8-7.9 lbs./gal Coverage: 374-392 sq. ft. per gallon at one mil dry film thickness.</p> <p>VOC (reg/coating): 5.3-5.4 lbs./gl. or 636-645 g/l VOC (act/material): 5.3-5.37 lbs./gl. or 634-644 g/l VOC Ratio: 2.1-2.2 lbs. VOC/lbs. Solids HAPS Ratio: 0.05 lbs. HAPs/lbs. Solids</p> <p>Dry Times: Air Dry: at 78°F, relative humidity 50% To touch: 12 minutes To Handle: 20 minutes To sand/recoat: 45 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.</p> <p>Dry Film Thickness: <i>Maximum DFT for a complete system must not exceed 5 dry mils.</i></p> <p>Pot Life: 120 days (4 months) once catalyzed</p> <p>Shelf Life: 12 months @77° F if unopened, un-catalyzed and stored in a cool dry area. Always rotate stock. Storage: Keep away from heat or sparks.</p>	<p>Catalyzation: THIS PRODUCT <u>MUST</u> BE CATALYZED EITHER BY THE DISTRIBUTOR OR END USER. Containers are short filled to allow for catalyst. Use pre-packaged catalyst kit: To catalyze add: 2 oz of NXCAT-0700 to gallon container 10 oz of NXCAT-0700 to 5 gallon pail 100 oz of NXCAT-0700 to drum This is equal to 1.59% by volume NOTE: DO NOT add more than the recommended amount of catalyst! This will <i>not</i> make the product cure faster or harder and may cause cracking, haziness, gloss issues, and <i>will</i> affect the integrity of the final product.</p> <p>Reduction: Thinning: If 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>Retarder: If a slower dry time is desired, use SOL-9056 PM Acetate not to exceed 8% by volume or SOL-9012 Haps Free Retarder at levels not to exceed 5% by volume*</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 210-0216 FD Precat Vinyl Sealer 210-0215 Ultra Seal Precat Sealer</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</i></p>
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ High Solids ➤ Water Clear ➤ Self-Sealing ➤ Highly Crosslinked Coating Increases Performance Compared To Std. Precats ➤ 120 Day Pot Life Once Catalyzed ➤ Contains UV Inhibitor ➤ Extremely low HAPs ➤ Meets or exceeds KCMA Requirements When Applied To Manufacturer Specifications ➤ Non Photo Chemically Reactive ➤ Phthalate Free 		

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