

DESCRIPTION

Gemini's Hideless Tint Base is a controlled lacquer tint base designed for tinting medium to dark colors in a low VOC lacquer system. It is short filled for ease of tinting and has excellent application properties. For wood substrates only. For interior use only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
HTB400-0060 SEMI-GLOSS HTB400-0020 DULL	Viscosity: 16-22 #3 ZAHN Weight Solids: 42-43% Volume Solids: 30-31% Weight/Gallon: 8.02-8.06 lbs./gal Coverage: 487-493 sq. ft. per gallon at one mil dry film thickness. VOC (reg./coating): 2.01-2.04 lbs./gl. or 241-260 g/l VOC (act/material): 0.87-0.88 lbs./gl. or 104-105 g/l VOC Ratio: 0.25- 0.26 lbs. VOC/lbs. Solids HAPS Ratio: 0.0 lbs. HAPS/lbs. Solids Dry Times: Air Dry: at 78°F, relative humidity 50% To touch: 7 minutes To Handle: 15 minutes To sand/recoat: 30-45 minutes 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 dry mils. Shelf Life: 24 months @ 77° F if unopened and stored in a cool dry area. Always rotate stock. Storage: Keep away from heat or sparks. <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>	Reduction/Thinning*: This product is supplied ready to spray. No thinning is recommended. However, if needed due to equipment or conditions in your facility, Acetone may be used up to 10%. Max VOC after reducing 10% with Acetone is less than 275 grams per liter. Tinting: This series is designed to be tinted up to 12.8 oz per gallon (10% by volume) using 844 colorants**. Never tint with Universal Colorants that contain Glycol **The State of California regulates the VOC content of colorant in specific areas and for specific uses. Tinting this material may result in increasing the VOC levels of this product. Always use an approved colorant that is compliant in your area, and refer to your local regulations before tinting. *Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning. Approved Companion Products 400-1200 275 VOC White Lacquer Sanding Sealer WCLSS275-0100 Lacquer Sanding Sealer 700-1200 275 High Build Lacquer Sanding Sealer
PRODUCT ADVANTAGES		
<ul style="list-style-type: none"> ➤ 275 VOC Compliant ➤ HAPs Free ➤ Ready To Spray ➤ Excellent Film Build And High Profile Appearance ➤ Non Photo Chemically Reactive ➤ Phthalate Free ➤ Short Filled For Easy Tinting And Controlled For Tint Strength 		

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PRODUCT DATA SHEET HTB400-00XX SERIES 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. Tint to desired color with Chromaflo 844 colorants up to 10% by volume. Mix or agitate thoroughly at moderate speed for ten minutes before use.



Application:

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 should be sanded in between coats.

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 clear 275 VOC lacquer in the desired sheen.

Recommended System #2. Apply one coat of a companion sealer (see approved companion products section) applied at 3-4 mils wet film build and 1 coat of tinted color applied at 3-4 mils wet film build. Apply a final coat of clear 275 VOC lacquer 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	1.5-1.9 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 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.