



PRODUCT DATA SHEET

WHITE LACQUER TOPCOAT WL-10XX SERIES

DESCRIPTION

These fast drying, high solids pigmented lacquers provide rapid build and excellent holdout. They provide exceptional protection for doors, moldings, trim, and other interior woodwork projects that do not require significant moisture resistance. This product is controlled for tint strength at the factory. For Wood Substrates Only. For Interior Use Only.

PRODUCT NUMBERS / SHEENS	COATING PROPERTIES	PREPARATION INSTRUCTIONS
WCL-1090 Gloss WCL-1060 Semi-Gloss WCL-1030 Satin WCL-1010 Flat	Viscosity: 67-80 K.U. Weight Solids: 36.97-44.87% Volume Solids: 25.61-29.64 % Weight/Gallon: 8.43-9.16 lbs./gal Coverage: 415-425 sq. ft. per gallon at one mil dry film thickness. VOC (Reg./coating): 5.04-5.33 lbs./gl. or 604-639g/l VOC (Actual/material): 5.03-5.32 lbs./gl. or 602-638g/l VOC Ratio: 1.22-1.69 lbs. VOC/lbs. solids HAPS Ratio: 0.90-1.26 lbs. HAPS/lbs. solids Dry Times: Air Dry: at 78°F, relative humidity 50% To touch: 6 minutes To Handle: 9 minutes To sand/recoat: 30 minutes Force Dry: Flash: 6 minutes Bake: 15 minutes @110°F 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 coating system must not exceed 4 dry mils. Pot Life: N/A 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.	Reduction: Thinning: This product is supplied ready to spray. If needed due to conditions in your facility use SOL-0500 Lacquer Thinner at levels not to exceed 10% by volume* Retarder: If a slower dry time is desired, use SOL-0061 Retarder at levels not to exceed 5% by volume* Tinting: This product is controlled for tint strength and may be tinted up to 4 oz per gallon with Industrial colorants formulated for lacquers such as Chromaflo 844. Never tint with Universal Colorants that contain Glycol. Note: Effective dry times will be lengthened if retarder is added *Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning. Approved Companion Products U8080 White Lacquer Sealer <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">➤ AIM Compliant➤ Ready To Spray As Supplied➤ Extremely User Friendly➤ Fast Drying➤ High Solids➤ Rapid Build➤ Excellent Hiding➤ Phthalate Free➤ Short Filled @ 124 oz Per Gallon For Ease Of Tinting		

February, 2023

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PRODUCT DATA SHEET WL-10XX 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. Thinning is not recommended for airless application.



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 minutes. Sand with 280-320 grit, no-fill sandpaper and remove sanding dust with clean compressed air, or tack rag.

Typically we recommend a coating system comprised of one coat of a companion primer (see approved companion products section) applied at 3-4 mils wet film build and 2 coats of topcoat applied at 3-4 mils wet film build. Maximum dry film thickness of the complete system must not exceed 4 dry mils.



Recommended Tip Sizes:

Conventional Air	1.8 mm
HVLP	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 should 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 should be clean, and best if they are stainless steel, plastic, or 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.