



**TAB #11**  
**Clear Through™**  
**Crystal Clear Alkyd**  
**Polyurethane**  
**UC-25XX Series**  
 Rev. 03/09

## Clear Through™ Crystal Clear Alkyd Polyurethane UC-25XX Series

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Polyurethane Alkyd	Gloss, Semi-Gloss & Satin	400 – 600 Sq. Ft. Per Gallon*	Brush, Roller or Spray	Mineral Spirits	Mineral Spirits
<b>Dry Time:</b>		<b>Tack Free:</b> 4 Hours	<b>Recoat:</b> 18 Hours	<b>Full Cure:</b> 7 – 10 Days	

<b>PRODUCT NAME:</b> UC-25XX Series Clear Through™ Alkyd Polyurethane	A tough, clear alkyd polyurethane for all interior and certain exterior wood surfaces – stained or unstained. It is ideal for use when abrasion is a problem, or when staining from household chemicals is a consideration. Its excellent wearing qualities make it highly recommended for application in hard use areas of hotels, hospitals, schools and residential structures.	
<b>WHERE TO USE:</b>	<b>Wood</b>	On interior areas such as floors, trim, furniture, door or cabinets. Also on exterior semi-protected trim areas such as benches, entry doors, breezeways etc. Not recommended for large exposed exterior vertical surfaces.
<b>SURFACE PREPARATION:</b>	Surface to be coated must be clean and free of dust, grease, dirt or wax. If wax is a suspect contaminate, remove with a commercial wax stripper. New interior wood must be sanded smooth and for best results sealed with alkyd sanding sealer, allowing 4 to 6 hours dry time, sand lightly and topcoat with either finish. Additional coats of this polyurethane varnish may be applied after 18 hours to achieve a deep, rich appearance. Sand lightly between coats with fine sandpaper. Pick up sanding dust with a tack cloth.	
<b>APPLICATION:</b>	This alkyd polyurethane may be brushed, rolled or sprayed. Best rolling results are obtained with a ¼” short nap mohair type roller. For best brush application, use a china bristle brush. When brushing or rolling, flow material on with a minimum of strokes. This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied. If thinning is necessary, use mineral spirits sparingly. Do not use the Polyurethane Varnish over wood fillers, shellacs, lacquers or any sealer that contains stearates. Do not apply when surface or air temperatures are below 50° F. Do not paint if surface temperature is within 5° F of the dew point.	
<b>*NOTE ON SPREAD RATE:</b>	Actual spread rate will vary based upon numerous factors including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.	
<b>RESIN TYPE:</b>	Polyurethane Alkyd	
<b>SOLIDS:</b>	Weight: 51.5 ± 1.0%                      Volume: 42.0 ± 1.0%	
<b>WEIGHT PER GALLON:</b>	7.5 – 7.7 lbs.	
<b>VISCOSITY:</b>	UC-2500 & UC-2505: 60 – 70 seconds (#4 Ford Cup) UC-2589: 40 – 50 seconds (#4 Ford Cup)	

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<b>FLASH POINT:</b>	105° F. (TT-P-141, Method 4293)
<b>SPECULAR GLOSS:</b>	UC-2500: 85+ units @ 60 degrees UC-2505: 40 – 45 units @ 60 degrees UC-2589: 25 – 30 units @ 60 degrees
<b>SAG RATING:</b>	Pass 6 mils (Leneta)
<b>REC. FILM THICKNESS:</b>	Wet: 2.7 to 4.0 mils Dry: 1.1 to 1.7 mils
<b>CAUTIONS:</b>	<p style="text-align: center;"><b>DANGER!</b></p> <p style="text-align: center;">FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. VAPOR HARMFUL. CAUSES EYE IRRITATION. HARMFUL OR FATAL IF SWALLOWED. CALL PHYSICIAN IMMEDIATELY.</p> <p><b>Contains Mineral Spirits, Ethyl Benzene, and Amorphous Silica.</b> Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose, and throat irritation. Overexposure may cause kidney damage. May be harmful if absorbed through the skin.</p> <p><b>NOTICE:</b> Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.</p> <p><b>Use only with adequate ventilation.</b> Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.</p> <p><b>First Aid:</b> In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Call physician immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p><b>DANGER</b> – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.</p> <p><b>WARNING:</b> This product contains chemicals known to the state of California to cause cancer and birth defects, or other reproductive harm.  <b>Obtain and read the MSDS prior to using this product.</b></p> <p style="text-align: center;"><b>KEEP OUT OF REACH OF CHILDREN</b></p>
<b>VOC/VOS STATEMENT:</b>	This product contains a maximum of 450 grams of VOC/VOS per liter of coating. (3.75 pounds per gallon).
<b>OTC CATEGORY:</b>	This product is not compliant under the Ozone Transport Commission regulations except in Quart size containers.