



**PRODUCT DESCRIPTION:** Aqua Coat Clear Lacquer is a self-crosslinking, non-yellowing, self sealing finish; Clear Lacquer exhibits exceptional clarity along with excellent application, sandability, block resistance and added UV inhibitors. Clear Lacquer meets KCMA when used as a self-sealer or with Aqua Coat X-119 High Build Sanding Sealer. Ideal for use on millwork, furniture cabinets and other wood substrates. It is Non-Flammable

**FEATURES:** Ready to use, fast drying High solids, good build  
**Sizes: Quart, Gallon, 5 Gallon Pail, 55 Gallon Drum**  
 Non Yellowing Works as Sealer and Topcoat  
 Easy Sanding Exceptional Clarity  
 Meets KCMA Resistant to Stains, Fingerprints

**PRODUCT DATA:**

<b>Sheen</b>	Gloss, Semi-Gloss, Satin, Flat	<b>Weight Solids*</b>	27-31.5
<b>Weight Per Gallon*</b>	8.5 (+/-) 0.2	<b>Volume Solids*</b>	24-27.5
<b>Viscosity as supplied</b>	77F Zahn #2 ...17-22	<b>V.O.C.*</b>	<245 g/l
<b>Coverage</b>	Approx. 500 sq. ft. per gallon at one mil dry film thickness	<b>V.O.C. Content*</b>	<2.00 lbs
<b>Shelf Life</b>	>12 months in a properly sealed container at 60-80F	<b>Storage</b>	60F-85F Passes 3 Freeze Thaw Cycles
<b>Flash Point</b>	94c 200F	<b>Boiling Point</b>	100 Celsius/ 212 Farenheit
*Values calculated from formula			

**MIXING/APPLICATION:**

<b>Working Temp:</b>	65-85 degrees F
<b>Pot Life/Catalyst:</b>	N/A
<b>Mixing:</b>	Mix to ensure uniform and consistency. Do not over mix. Stir well, do not shake.
<b>Reducer:</b>	If needed. Use distilled water or Aqua Coat Reducer less than 20%. Use Aqua Coat Retarder less than 20% to slow drying and reduce hazing.
<b>Surface Preparation:</b>	Wood must be clean, dry and finish sanded. Substrates should be free of grease, oil, dirt, fingerprints and any contamination to ensure optimum adhesion and coating performance properties. On bare wood sand with grain using #120 grit and finish with #220 grit.
<b>Application:</b>	Stir contents well before application. Do not shake. Can be applied by spray, brush, pad applicator or vacuum coater. Use a quality synthetic brush or paint pad applicator. Spray medium wet films 3-4 mil thickness. Spray compressed air 0.40" fluid tip/medium cap: HVLP; 0.043-0.051" fluid tip/medium cap; Airless or Air Assisted: 0.009-0.011" tip. Sand with sterated #320 grit or finer between coats. 3-5 coats are recommended. Remove dust before recoating. Do not use tack rags [oils and waxes] to remove dust. Aqua Coat Lacquer may be used over most solvent and water based stains. Allow stain to dry thoroughly before sealing. Allow solvent based stains 48-72 hours to dry.
<b>Drying times:</b>	30 minutes to touch, time to sand and recoat 1-2 hours, light use 7-10 days, until cured 21 days. Estimates based off 70 degrees F and 50% RH. (Cooler temperatures will prolong dry time up to 4-6 hours.)
<b>Tinting</b>	Aqua Coat Toners or Aqua Tone Stains Recommended. Up to 5% max.
<b>Clean up:</b>	Use warm, soapy water or Aqua Coat Equipment Cleaner
<b>Recommended Sealer</b>	Self-Seal or Aqua Coat X-119 Sanding Sealer
<b>Recommended Stain:</b>	Aqua Tone Stains

**CAUTIONS:** The technical data noted herein is accurate as of the date of publication and is subject to change without prior notice. Aqua Coat assumes no responsibility for coverage, performance or injuries resulting from use. Liability if any is limited to replacement of products. This product is intended for Industrial use only. Refer to the SDS for safety and any cautions prior to use. We recommend a test sample to insure adequate adhesion to substrate, proper curing conditions and desired performance. Optimal results depend on a number of factors: nature of the substrate, the technical and physical possibilities, as well as the user's application technique.



Product #120-100

# Clear Lacquer Technical Data Sheet