



**131-11XX E. S. Lacquer II White Pre-Cat Pigmented TC**

<b>Product Codes:</b> 131-1110 Matte 131-1120 Low Gloss 131-1135 Satin 131-1150 Semi-Gloss 131-1170 Gloss	<b>Viscosity:</b> Zahn #2 signature cup 23-27 sec at 77°F <b>Flash Point:</b> 20°F (-7°C) <b>Density (lb/gal):</b> 8.8 <b>Solid (% by weight):</b> 36.8% <b>Solid (% by volume):</b> 20.9% <b>Shelf Life (months):</b> 6
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**Product Description:**  
 E.S. Lacquer White II is a pigmented pre-catalyzed lacquer. It can be used as a self-primer or with E.S. Primer White II 545-5117, Versaprime® 545-5119, Variset® Primer 545-8023 or Aquaprime® 550-1600. E.S. Lacquer White II is quick drying with good mar, moisture, household wear, and household chemical resistance.

This coating is supplied at a ready to spray viscosity and provides very good coverage even in one coat.

Special Recognition: Meets Kitchen Cabinet Manufacturer Association (KCMA) Standard Recommended: Architectural Woodwork Institute (AWI). T.R.2

**Uses:**  
 E.S. Lacquer White II is recommended for kitchen cabinets, office and household furniture, as well as many other interior wood applications.

<b>Environmental Data (as supplied):</b>	<b>VOC less exempt lb/gal:</b> <5.60 <b>VOC lb/gal:</b> <5.60 <b>VOC less exempt g/l:</b> <670 <b>VOC g/l:</b> <670 <b>VOC lb/lb Solid:</b> <1.72 <b>VHAPs lb/lb Solid:</b> <0.22
<b>Note:</b> See individual compliance sheets for specific data	

<b>Application Data:</b>	<b>Suggested Uses:</b> Wood Finish <b>Mixing Ratio:</b> 100 parts 131-11XX to 3 parts 873-0870 <b>Pot Life:</b> 8 hours (catalyzed) <b>Application Viscosity:</b> Zahn #2 signature cup 23 – 27 seconds <b>Reducer:</b> 803-1325 <b>Retarder:</b> 800-5328 <b>Clean-up Solvent:</b> 803-1298 or 800-5500 <b>Recommended Wet Film:</b> 3 – 5 mils <b>Coverage:</b> 336 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.
<b>Note:</b> N/A	

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### Directions for use:

#### Surface Preparation:

Wood substrate should be sanded with 120, 150 or 180 grit steared paper prior to sanding or coating. Primers should be sanded with 280/320 grit steared paper prior to topcoating. An appropriate primer is E.S. Primer White II 545-5117, Versaprime® 545-5119, Variset® Primer 545-8023 or Aquaprime® 550-1600 or self-seal. When recoating, the previous coat of E. S. Lacquer White II or primer must be sanded and the next coat applied within eight hours. E. S. Lacquer White II cannot be used on metal, old oil or cellulose lacquers.

#### General Information:

Agitate material before use. Always mix E. S. Lacquer White II while adding hardener and reducers in the recommended mixing ratios. E. S. Lacquer White II must be agitated thoroughly at all times to ensure product consistency and consistent gloss.

Apply at 3 – 5 mils wet on sanded or primed substrate. Further coats may be applied after complete drying followed by sanding with 280/320 grit steared paper. The second and subsequent coats must be applied the same day as the previous coat is sanded.

Maximum film build of E. S. Lacquer White II should not exceed 4 mils dry. Maximum film build of total coating system must not exceed 4 mils dry.

Contact with metal surfaces should be avoided.

E. S. Lacquer White II must not be polluted with oil, varnish or the like and must not be sanded with steel wool between the coats. 131-11XX must not be used and dried at temperatures below 64°F or relative humidity above 65%. During hardening the enamel must not be exposed to ammonia vapors. Ammonia cleaners should not be used for cleaning the finished surface. This may accelerate discoloration.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

#### Drying Times:

	Room Temperature (68°F)	Forced Drying Schedule (122°F)
<b>Tack Free Time:</b>	10 – 15 minutes	Flash off before entering oven
<b>Dry to Sand:</b>	2 hours	30 – 45 minutes
<b>Dry to Stack:</b>	3 hours	60 – 90 minutes

#### Note:

N/A

Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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