

423-29XX Aqualux® 275 WB Clear TC

Product codes:	423-2910 Matte	Viscosity	Zahn #2 signature cup 40 sec at 77°F	
	423-2920 Low Gloss		Flash Point:	>140°F
	423-2940 Satin		Density (lb/gal):	8.6
			Solid (% by weight):	34%
		Solid (% by volume):	31%	
		Shelf Life (months):	12	

Product Description:

Aqualux 275 is a high quality waterborne coating. Aqualux applies easily and typically shows much improved transfer efficiency over solvent borne finishes. Aqualux 275 is a fast drying, good building product that shows excellent resistance to both chemicals and to physical wear. The coating has excellent leveling, a smooth even appearance and low grain raising. Aqualux 275 is supplied at a ready to spray viscosity. This coating will dry quickly, sand easily and can be used a self seal finish.

Special Recognition: Meets Kitchen Cabinet Manufacturer Association (KCMA) Standards.

Recommended: Architectural Woodwork Institute Water Acrylic System (8th Ed).

Uses:

Aqualux 275 is recommended for household furniture, millwork and fixtures as well as many other interior wood applications. Aqualux 275 is a light stable finish designed for use on all types of solid wood and veneer meant for interior use.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<1.71
VOC lb/gal:	<0.43
VOC less exempt g/l:	<205
VOC g/l:	<52
VOC lb/lb Solid:	<0.18
VHAPs lb/lb Solid:	<.01

Note:

See individual compliance sheets for specific data

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	N/A
Pot Life:	N/A
Application Viscosity:	Zahn #2 signature cup 40 seconds
Reducer:	N/A
Retarder:	N/A
Clean-up Solvent:	Wet – 80:20 blend water and 800-5742, Dried – 800-5500
Recommended Wet Film:	2 – 4 mils
Coverage:	Coverage is 450 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.

Note:

N/A

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit steared paper prior to staining or coating. The surface being prepared must be clean and dry before the coating is applied. Sealers, if used, should be sanded prior to being coated with 280/320 grit steared paper. Appropriate sealers are Aqualux Sealer 423-2900, or self seal. Aqualux 275 cannot be used on metal, old oil or cellulose lacquers. AkzoNobel recommends using 825-39XX stains.

General Information:

Agitate material before use. Aqualux 275 must be agitated thoroughly at all times to ensure product consistency and consistent gloss. Avoid high speed agitation to minimize entrapment of air.
 Apply at 2-4 mils wet on sanded substrate. Further coats may be applied after complete drying followed by sanding with 280/320 grit steared paper.
 Maximum film build of Aqualux 275 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.
 Aqualux 275 must not be used and dried at temperatures below 64°F or relative humidity above 65%.
 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)
Tack Free Time:	15 – 20 minutes	10 – 15 minutes
Dry to Sand:	30 - 40 minutes	20 – 30 minutes
Dry to Stack:	Overnight	4 – 6 hours

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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