Chemcraft
A Great Finish is Only the Beginning

AkzoNobel

423-73XX Aqualux® Post-Cat WB Clear TC

Product codes:	423-7335 Satin	**Viscosity**	Zahn #2 signature cup 50 sec at 77° F
		Flash Point:	>200° F
		Density (lb/gal):	8.59
		Solid (% by weight):	31.3%
		Solid (% by volume):	28.7%
		Shelf Life (months):	12

Product Description:
Aqualux Post-Catalyzed Topcoat is a 2 component product for superior chemical and water resistance. Aqualux Post-Catalyzed Topcoat is a 2K polyurethane chemistry that is formaldehyde, aziridine, and isocyanate free.
Special Recognition: Meets Kitchen Cabinet Manufacturer Association (KCMA) Standards.
Recommended: Architectural Woodwork Institute. (AWI). T.R.3.

Uses:
Aqualux Post-Catalyzed Topcoat is designed for interior furniture, fittings, kitchen cabinet and other wood applications.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<1.81
VOC lb/gal:	<0.67
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<0.25
VHAPs lb/lb Solid:	<0.17

Note:
N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	871-1104 @ 2 % by Volume
Suggested Uses:	4 - 6 hours
Application Viscosity:	Zahn #2 signature cup 36-40 seconds
Reducer:	Water as required
Retarder:	N/A
Clean-up Solvent:	Use water when in liquid state, use water / Butyl Cellosolve 800-5742 when material is semi-dried
Recommended Wet Film:	4 - 5 wet mils
Coverage:	460 sq. ft/gal at 1 mil dry and at 100% transfer efficiency. Coverage will vary depending on method of application or coating thickness.

Note:
INDUCTION TIME: 10 minutes prior to use

Directions for use:

Surface Preparation:
Substrate should be sanded using 120, 150 or 180 grit sandpaper prior to staining or coating. Sealers if used should be sanded with 240, 280, and 320 grit stearated paper prior to being coated. Stain systems recommended under this product are Promatch® Aqua Wiping Stains 824-50XX, 824-51XX, 824-8012, 824-8019, Promatch C-Mix Wiping Stains 825-90XX, 825-91XX, Promatch Dye Stains 890-85XX or Promatch Aqua Dye Stains 890-12XX.

General Information:
Mix material before use. Add catalyst, mix thoroughly and reduce with water, if required. Apply by spray at wet film builds of 4 - 5 mils. Application and drying conditions must be at temperatures of 64° F or above and at a humidity of less than 65%. Increased airflow and/or drying temperatures, including the use of infrared, will greatly decrease dry times.
Apply at 4 - 5 mils wet on sanded or sealed substrate. Further coats may be applied after complete drying followed by sanding with 280/320 grit stearated paper. Second and subsequent coats must be applied the same day the previous coat is sanded.
Aqualux Post-Catalyzed Topcoat must be agitated thoroughly at all times to ensure product consistency. Contact with metal surfaces should be avoided.
In the curing cycle, the addition of heat and air movement will shorten the drying time.
Note: Aqualux Post-Catalyzed Topcoat must not be polluted with oil, solvent based paint or the like and should not be applied to metal surfaces. Aqualux Post-Catalyzed Topcoat must not be sanded with steel wool between the coats. This coating must not be used and dried at temperatures below 64° F or relative humidity above 65%.
Film build should not exceed 2 dry mils per coat. Total film build must not exceed 4 dry mils.
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 (20°C / 68°F)	Forced Drying Schedule (50°C / 122°F)
Tack Free Time:	15 - 20 minutes	10 - 15 minutes
Dry to Sand:	1 hour	8 hours
Dry to Stack:	45 minutes	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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