

AQUASILK 200TC 1K CLEAR 423-24XX

Product codes:	423-2405 FLAT, 423-2410 MATTE, 423-2420 LOW GLOSS, 423-2435 SATIN, 423-2450 SEMI-GLOSS, 423-2490 HIGH GLOSS	Viscosity	700 - 800 cP at 77°F (25°C)
		Flash Point:	> 200°F
		Density (lb/gal):	8.60
		Solid (% by weight):	33.10
		Solid (% by volume):	28.61
		Shelf Life (months):	12

Product Description:

AQUASILK 200TC 1K Clear is an acrylic self crosslinking product that is utilized in various markets. It meets KCMA specifications and AWI system #7. AQUASILK 200TC 1K Clear has unique thixotropy for vertical and horizontal application when applied as a self-seal or over AQUASILK Sealer. It has excellent clarity.

Uses:

This is a self crosslink. AQUASILK 200TC 1K Clear Topcoat designed for cabinets, architectural millwork, furniture and refinish markets.

Environmental Data (as supplied):	VOC less exempt lb/gal:	2.26
	VOC lb/gal:	0.91
	VOC less exempt g/l:	270
	VOC g/l:	109.44
	VOC lb/lb Solid:	0.32
	VHAPs lb/lb Solid:	0.00

Note:

N/A

Application Data	Suggested Uses:	For Cabinets, Architectural millwork and refinish markets.
	Mixing Ratio:	N/A
	Suggested Uses:	N/A
	Application Viscosity:	?30 - 35 s Zahn signature #4
	Reducer:	Water up to 10% by volume depending on spray equipment
	Retarder:	803-1462 1 - 3% by volume as needed
	Clean-up Solvent:	Water
	Recommended Wet Film:	4-6 wet mils
	Coverage:	495 Sqft/gal

Note:

Depending on spray equipment, the AQUASILK 200TC 1K Clear Topcoat may need some reduction - up to 10% with water. Recommended for cup gun, gravity cup or HVLP.

For Air Assisted Airless AQUASILK 200TC 1K Clear Topcoat can be used as it is.

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit paper prior to seal. Sealer should be sanded with 280/320 grit paper prior to being coated. The AQUASILK Sealer should be coated within eight hours of sanding. Appropriate sealers are the Chemcraft AQUASILK sealer 423-2400 or the AQUASILK 200TC 1K Clear Topcoat 423-24XX can be use as a self-seal. When recoating, the sealer or topcoat should be coated within eight hours of sanding.

General Information:

N/A

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:	20 minutes	12 minutes
Dry to Sand:	45 minutes	24 hours
Dry to Stack:	20 minutes	30 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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