

423-27XX Aquaset WB Pigmented TC

Product codes:	423-2710 Matte	Viscosity	Zahn #2 signature cup 40 sec at 77° F	
	423-2720 Low Gloss		Flash Point:	>140° F
	423-2735 Satin		Density (lb/gal):	9.65
	423-2750 Semi-Gloss		Solid (% by weight):	42.3%
			Solid (% by volume):	32.5%
		Shelf Life (months):	6	

Product Description:

Aquaset is a very durable white topcoat, formulated with a self-crosslinking polymer for maximum chemical resistance. Aquaset will give a smooth and hardwearing surface, resisting influence from alcohol, water, etc. Aquaset is non-yellowing and has very good light stability based on the type of resin used. Aquaset meets Kitchen Cabinet Manufacturer Association (KCMA) standards.

Uses:

Aquaset is designed for interior applications such as kitchen cabinets, high build office furniture, residential furniture, molding, window and door frames, and other applications.

Environmental Data (as supplied):	VOC less exempt lb/gal:	<2.00
	VOC lb/gal:	<0.86
	VOC less exempt g/l:	<235
	VOC g/l:	<105
	VOC lb/lb Solid:	<0.25
	VHAPs lb/lb Solid:	<0.006

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:	Use water as required. This product requires very little water to lower the viscosity.
	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:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit paper prior to coating. The recommended primer is Aquaprime 550-1600. Primer should be sanded with 280/320 grit paper prior to being coated. The Primer should be coated within four hours of being sanded for maximum adhesion. When recoating, the previous coat of Aquaset must be sanded and the next coat applied within four hours.

General Information:

Mix material before use. Add water to reduce if required and mix thoroughly. Apply by spray at 4 - 5 mils wet. Aquaset must be agitated thoroughly at all times to ensure product consistency. Contact with metal surfaces should be avoided.

Maximum film build of total coating system must not exceed 4 mils dry.

The completed coating system should be checked for required properties prior to start-up of production.

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:	20 minutes	15 minutes
Dry to Sand:	4 hours	15 minutes
Dry to Stack:	24 hours	15 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.

Akzo Nobel Coatings, Inc
1431 Progress Ave
High Point, NC 27260
336-841-5111

Updated: 2023-03-27 01:00:26

Copyright 2021 AkzoNobel. All Rights Reserved. Chemcraft is a registered trademark of Akzo Nobel Coatings Inc.