

109-48XX ora Verde® Bianco PU Pigmented TC

Product codes:	109-4820 Low Gloss	Viscosity	Zahn #3 signature cup 40 seconds at 77°F
	109-4835 Satin	Flash Point:	25 °F
	109-4870 Gloss	Density (lb/gal):	10.2
		Solid (% by weight):	49%
		Solid (% by volume):	27.2%
		Shelf Life (months):	12

Product Description:

Bianco is our pigmented polyurethane system; it is designed to be used in conjunction with our 536 line basecoats. Durable and flexible, it can be used as white system or can be tinted to achieve any color in the rainbow. Builds quickly to help you achieve a high end look when your need is an opaque color.

Uses:

Developed for use in the high end kitchen cabinet market. Its durability will also allow for use in store fixture applications.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<5.3
VOC lb/gal:	<5.3
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<1.05
VHAPs lb/lb Solid:	<0.35

Note:

N/A

Application Data

Suggested Uses:	Wood Finish
Mixing Ratio:	100 Parts 109-48XX with 50 Parts 876-9068 (by volume)
Suggested Uses:	3 - 4 Hours
Application Viscosity:	Zahn #2 signature cup 24 seconds
Reducer:	Fast 803-1410, Medium 803-1409, or slow 803-1408 if needed
Retarder:	800-5328 3-5% by volume
Clean-up Solvent:	800-5500 Acetone
Recommended Wet Film:	3 – 5 mils
Coverage:	N/A

Note:

MAXIMUM DRY FILM THICKNESS OF THE SYSTEM MUST NOT EXCEED 6.0 DRY MILS

Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit paper prior to priming. Primer should be sanded with 280/320 grit paper prior to being coated, The Primer should be coated within eight hours of being sanded. Appropriate primers are the ora Verde Bianco 536-1253 or 536-1208. When recoating, the previous coat of Bianco must be sanded and the next coat applied within eight hours.

General Information:

The mixed product contains 876-9068, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of those materials. Refer to MSDS for detail information.

Product must be thoroughly stirred before adding the hardener in the recommended ratio. The viscosity of the product should be monitored after mixing with the hardener.

The relative humidity in the application and drying room should not exceed 75% for maximum coating performance.

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 minutes	10 minutes
Dry to Sand:	3 hours	24 hours
Dry to Stack:	15 minutes	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.

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