

436-66XX ora Verde® Unico Clear Topcoat

Product codes:	436-6610 Matte	Viscosity	Zahn #2 signature up 24 - 26 seconds at 77° F
	436-6620 Low Gloss	Flash Point:	-4° F (-20° C)
	436-6635 Satin	Density (lb/gal):	7.84
	436-6690 Full Gloss	Solid (% by weight):	30.70 (+/- 1.00)
		Solid (% by volume):	22.87 (+/- 1.00)
		Shelf Life (months):	6

Product Description:

ora Verde Unico Clear Topcoat is new technology product that is a single component, **low Formaldehyde, and Isocyanate free** with urethane properties. Levels extremely well off the gun, good flow, great clarity and vertical hang. Faster thru cure and sands well after 1 hour air dry. ora Verde Unico Clear Topcoat can be used as a self-seal or has an optional dedicated sealer, ora Verde Unico Sealer 436-6601.

Uses:

ora Verde Unico Clear Topcoat can be used in the following interior applications:

Cabinetry

Furniture

Millwork

Recreational

Building Products

Environmental Data (as supplied):

VOC less exempt lb/gal:	<5.5
VOC lb/gal:	<5.6
VOC less exempt g/l:	
VOC g/l:	
VOC lb/lb Solid:	<1.97
VHAPs lb/lb Solid:	<0.70

Note:

N/A

Application Data

Suggested Uses:	Interior wood finishes
Mixing Ratio:	N/A
Suggested Uses:	N/A
Application Viscosity:	Zahn #2 signature cup 24 - 26 seconds
Reducer:	803-1325 (5 - 10% as needed)
Retarder:	800-5328 (2 - 3% maximum)
Clean-up Solvent:	Acetone
Recommended Wet Film:	4 - 5 mils
Coverage:	Theoretical coverage 366.86 (sq ft/dry mil @ 100% transfer efficiency)

Note:

PRODUCT AND SYSTEM DRY FILM THICKNESS NOT TO EXCEED 4 MILS IN THE FINISHED SYSTEM.

Directions for use:

Surface Preparation:
Substrate must be sanded using 120, 150 or 180 grit paper prior to staining or coating. Sealer should be sanded with 280/320 grit paper prior to being coated. Appropriate sealer is the ora Verde Unico 436-6601. When recoating, the previous coat of Unico must be sanded and the next coat applied within eight hours. Stain systems used under ora Verde Unico are formulated to develop excellent grain definition. AkzoNobel recommends using Promatch® W/B Monocolor Spray Stains 824-50XX, Promatch Aqua Stains 824-51XX, Promatch Dye Stains 890-85XX or Promatch C-Mix Wipe Stains 825-90XX, 825-91XX.

General Information:
Oil stains must be avoided because they will interfere with the adhesion. When coating exotic woods (Teak, Rosewood, etc.) a barrier coat (tie-coat) should be applied before the sealer or base coat. See Product data sheet for 401-033 Isolante. 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	N/A
Dry to Sand:	1 hour	4 - 6 hours
Dry to Stack:	N/A	N/A

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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