

436-1395 LUCIDO High Gloss PU Clear Topcoat

Product Codes: 436-1395

Viscosity: Zahn #2 signature cup 50 sec at 77°F
Flash Point: 75°F (24°C)
Density (lb/gal): 8.58
Solid (% by weight): 56%
Solid (% by volume): 50%
Shelf Life (months): 12

Product Description:

Lucido is a two component polyurethane enamel clear topcoat with a tough cross linked film. The coating is very resistant to scratching and household chemicals when cured, and can provide exceptional build, gloss and clarity.

Uses:

Lucido is used whenever premium performance characteristics and exceptional gloss are required for interior wood finishing.

Environmental Data (as supplied):

VOC less exempt lb/gal:	<3.70
VOC lb/gal:	<3.70
VOC less exempt g/l:	<444
VOC g/l:	<444
VOC lb/lb Solid:	<0.75
VHAPs lb/lb Solid:	<0.75

Note:

See individual compliance sheets for specific data

Application Data:	Suggested Uses:	Interior wood finishing
	Mixing Ratio:	1:1 with 876-9068
	Pot Life:	2-3 hours
	Application Viscosity:	Z #2 20-25"
	Reducer:	800-5301 (fast) or 800-5531 (slow)
	Retarder:	800-5328
	Clean-up Solvent:	Lacquer Thinner (do not mix with product)
	Recommended Wet Film:	4-6 mils
	Coverage:	N/A

Note:

N/A

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Directions for use:

Surface Preparation:

Wood substrate should be sanded with 120 and 150 grit prior to application to ensure good adhesion. Sealers and primers should be well sanded using 240, 280 and 320 grit stearted paper. Suitable sealers are polyurethane (436-1306 or 436-2400) or polyester (458-XXXX) types. For optimal performance sealers should be coated within 8 hours of sanding. Care should be taken during sanding to avoid sanding through the primer. Difficult or oily wood substrates may require Isolante sealer (401-033). It is not recommended to use traditional oil stains with polyurethane products.

General Information:

Mix the desired amount of material and apply 4-6 mils wet. The coating when cured is very suitable to be buffed and polished where dust free conditions are not available. Allow product to cure prior to buffing to reduce shrink-back.

The relative humidity in the application and drying rooms should never exceed 75%. Viscosity on the mixed material should be monitored regularly to maintain a consistent appearance.

The mixed product contains 876-9068, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials.

Total recommended film thickness of system containing Lucido is not to exceed 6 mils dry.

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:	30-45 minutes	Flash off before entering oven
Dry to Sand:	8-12 hours	3 hours
Dry to Stack:	18-24 hours	4 hours

Note:

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.

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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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