



Chemcraft®

A Great Finish is Only the Beginning

109-1890 LUCIDO White High Gloss PU Topcoat

Product Codes: 109-1890	Viscosity: Zahn #3 signature cup 30-35 sec at 77°F
	Flash Point: 25° F
	Density (lb/gal): 11.33
	Solid (% by weight): 69.7
	Solid (% by volume): 55.9
	Shelf Life (months): 12

Product Description:
 Lucido White High Gloss is a high performance, high sheen, two-component polyurethane coating. Lucido gives excellent depth of image, hardness and chemical resistance. Extremely durable with a great finish feel.

Uses:
 Great choice for surfaces that require extra chemical resistance. Uses include interior marine, cabinetry, store fixture, and musical instruments.

Environmental Data (as supplied):	VOC less exempt lb/gal: <3.44
	VOC lb/gal: <3.44
	VOC less exempt g/l: <415
	VOC g/l: <415
	VOC lb/lb Solid: <0.44
	VHAPs lb/lb Solid: <0.10

Application Data:	Suggested Uses: Wood Finish
	Mixing Ratio: 100 Parts 109-1890 with 100 Parts 876-9068 (by volume)
	Pot Life: 3 - 4 Hours depending on temperature and humidity
	Application Viscosity: Zahn #2 signature cup 20 - 25 seconds
	Reducer: Fast 803-5301, or slow 803-5531 if needed
	Retarder: 800-5328 3 - 5% by volume
	Clean-up Solvent: 800-5500 Acetone or Lacquer Thinners (do not mix with product)
	Recommended Wet Film: 3 to 5 wet mils
	Coverage: N/A

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

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Directions for use:

Surface Preparation:

Substrate must be sanded using 120, 150 or 180 grit paper prior to staining or coating. Sealer/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 primer is Verde Bianco Primers 536-1253 or 536-1208 . If recoating, the previous coat 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.

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.

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 (68°F)	Forced Drying Schedule (122°F)
Tack Free Time:	15 minutes	15 minutes
Dry to Sand:	3 hours	30 minutes
Dry to Stack:	24 hours	60 minutes

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.

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

DISTRIBUTED BY:
Pro Wood Finishes
14622 Southlawn Lane
Rockville MD 20850
Ph: (301) 424-3033