

436-2104 Lustrate PU Clear Sealer

Product codes: 436-2104	Viscosity	Zahn #2 signature cup 20 sec at 25°C
	Flash Point:	-1°C (30°F)
	Density (kg/l):	0.94
	Solid (% by weight):	27%
	Solid (% by volume):	21%
	Shelf Life (months):	12

Product Description:

Lustrate Sealer is designed to provide the improved adhesion characteristics typical of a urethane material. When topcoated with Chemlite or Lustrate, the system provides exceptional durability and light stability.

Uses:

436-2104 is suitable for sealing all types of wood and wood veneers for interior use. The product provides very good water resistance and offers protection from tannin bleed.

Environmental Data (as supplied):	VOC less exempt lb/gal:	<5.6
	VOC lb/gal:	<5.6
	VOC less exempt g/l:	
	VOC g/l:	
	VOC lb/lb Solid:	<1.6
	VHAPs lb/lb Solid:	<0.5

Note:

See individual compliance sheets for specific data

Application Data	Suggested Uses:	Spray
	Mixing Ratio:	10:1 (10%) with 999-067 (other hardeners possible)
	Suggested Uses:	2-3 hours
	Application Viscosity:	Zahn #2 signature cup 20-25 seconds
	Reducer:	100-120, 800-5301 or 121-834
	Retarder:	800-5328 EEP
	Clean-up Solvent:	Lacquer Thinner (do not mix with product)
	Recommended Wet Film:	3-5 wet mils
	Coverage:	N/A

Note:

N/A

Directions for use:

Surface Preparation:

Substrate should be sanded with 120, 150 or 180 grit sandpaper prior to finishing. Difficult or oily substrates may require the use of 401-033 Isolante Sealer prior to priming to ensure maximum adhesion.

General Information:

Prepare material as per hardener mixing ratio and apply over desired surface at 3-5 mils wet. Mixed product will contain 999-067, an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials. The relative humidity in the application and drying rooms should never exceed 75%. After drying, scuff sand with 280-320 grit paper and topcoat within eight hours. If left over eight hours, the sealer should be re-sanded prior to topcoating. Total dry film build of the system including topcoat is not to exceed 6 dry mils. Topcoats to use over 436-2104: Chemlite 436-31XX or Lustrate 436-1399.

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:	10 - 15 minutes	3 - 5 minutes
Dry to Sand:	20 - 30 minutes	Overnight
Dry to Stack:	10 - 15 minutes	2 - 4 hours

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