



Product Information

PRODUCT NAME: CHEMLITE LOW GLOSS

PRODUCT CODE: 436-3120

DESCRIPTION: Chemlite Low Gloss is a two-component polyurethane finish for interior use. The Chemlite Low Gloss system provides exceptional resistance to discolouration and gives a crosslinked finish that is tough and durable. The coating contains UV absorbers to minimize discolouration of light sensitive substrates.

SPECIFICATIONS:

Gloss:	20°
Specific Gravity:	0.966 g/ml
Solids Content:	28% by weight
Viscosity:	34 seconds Zahn #2 (25 C)

HARDENER MIXING RATIO: To 10 parts of 436-3120 Chemlite Low Gloss add 2 parts of 999-067 Hardener.

REDUCTION: 121-834,100-120, 100-122 or 100-137 may be used. When applied during warm temperatures and high humidity (>65%), 5-10% 100-137 should be used to avoid film imperfections.

SHELF LIFE: One year recommended if unopened and stored under cool, dry conditions. Always rotate stock.

POT LIFE: Six to eight hours depending upon conditions. Pot life is decreased when product is hot or under pressure. Viscosity should be monitored after mixing with hardener.

COVERAGE: Mixture will cover 7.5-9 sq.m./L at 100% transfer efficiency. Coverage will vary depending on method of application and coating thickness.



Product Information

Chemlite Low Gloss – 436-3120

Page 2

**SURFACE
PREPARATION**

Sealer should be well sanded using 280 and 320 grit steared paper. Suggested sealer is 436-2104 Lustrate Sealer. Stains applied should be stable to isocyanate reactants. The sealer must be topcoated within 8 hours of sanding.

DIRECTIONS FOR USE: Mix the desired amount of material and apply 4-5 mils wet.

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

Mixed product will contain an isocyanate based co-reactant. Please follow all precautions associated with handling and use of these materials.

Total recommended film thickness of Chemlite Low Gloss is not to exceed 6 mils dry.

Drying can be accelerated by adding 2-3% of 151-004, but the pot life will be shortened.

The customer is responsible for following the recommended application procedures. Failure to adhere to the recommendations given in this technical data sheet will likely result in unsatisfactory film appearance or film failure.

The completed coating system should be checked for required properties prior to start-up of production.

DRYING TIME:

Note: Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures.

<u>At 20 C:</u>	<u>(Minimum Required)</u>
Tack Free:	20-30 minutes
Dry to Sand:	Overnight
Dry to Stack:	Overnight



Product Information

Chemlite Low Gloss – 436-3120

Page 3

At 50 C:

Tack Free: Product should be flashed.
Dry to Sand: 3 hours
Dry to Stack: 8 hours

APPLICATION:	<u>Method</u>	<u>Viscosity</u>	<u>Recommended</u>	
			<u>Wet Film</u>	<u>Dry Film</u>
	Spray - Conventional } - Airless } mils - HVLP }	Z #2/18-21"	4-6 mils	1-1 1/2
	Curtain Coater:	See Chemcraft Technical Representative		

Note: All measurements recommended are based on results at temperatures of 20 °C.

CLEAN-UP: Use 121-001 thinner. Do not mix with product. Where the thinner and product may blend, use 100-120.

Please refer to the Material Safety Data Sheet for additional information.

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 our products alone or in combination with other products. Users are advised to make their own tests to determine 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 in combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.

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