LIFE SPECIALTY COATINGS Est. 1963

TOP COAT
TECHNICAL DATA SHEET

LD246
Urethane for Auto Life

DESCRIPTION
LD246 is a single component, liquid applied, moisture cured, aromatic polyurethane waterproof membrane. It is designed for use in Southern California to be in compliance with SCAQMD air quality standards.

USES, FEATURES & BENEFITS
ADVANTAGES
- Economical
- Proven Protection
- Good Weatherability

USES
- Airports
- Helicopter Pads
- Heavy Auto Traffic
- Heavy Pedestrian Traffic
- Stadiums
- Concrete Decks
- Parking Structures

COLOR: Stone Grey and Tan

PACKAGING
- 5 Gallon Pails

DIRECTIONS:

SURFACE PREPARATION:
Product must be used over a primer. For surface preparation, see recommended primer for "Surface Preparation."

WEATHER:
Do not install any product if the temperature is below 55°. Rain may damage uncured products. If inclement weather threatens, cover deck to protect new application. Do not allow any non-applied product to FREEZE.

COVERAGE:. LD246 should be applied at the rate of 1 gallon per 100 sq. ft.

CLEAN UP: Environmentally safe solvent. Cured material may require grinding to remove.

MIXING:
Before application, mix LD246 using a mechanical mixer at slow speed until a homogeneous mixture and color is obtained. Use caution not to entrap air into the material as this may result in pinhole blisters and/or shortened pot life. Do not mix in an up and down motion.

APPLICATION:
For best results,use a squeegee. Airless sprayer or phenolic core roller may be used but extra care should be taken not to cause air bubbles. To avoid potential outgassing, material should be applied when concrete temperatures are descending. Requires a continuous coating application to minimize lines and/or streaking.

APPLICATION:
Allow coating to cure 16 hours before proceeding to subsequent coats. To obtain proper adhesion between coats it is imperative that re-coating be done within 48 hours.
Curing:
At 75°F (24°C) and 50% relative humidity, allow each coat to cure 16 hours. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, re-prime the surface with LD2180 before proceeding.

At 75°F (24°C) and 50% relative humidity, allow 24-48 hours before permitting light pedestrian traffic and at least 72-96 hours before permitting heavy pedestrian or vehicular traffic on the finished surface.

LD246 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.
Low temperature and/or low humidity extend the cure time.

If accelerated curing is required, add one quart of LD51 Hardener in a 5 gallon pail of LD246 and mix thoroughly. This accelerated LD246 will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity.

TECHNICAL DATA:			
TYPE:	Urethane	DILUENT:	Solvent
SOLIDS:	89-91% Weight 83-85% Volume	V.O.C	<100 grams per liter
ELONGATION:	500%, ASTM D-412		
TENSILE STRENGTH:	2500 PSI, ASTM D-412		
TEAR RESISTANCE:	300 PLI, ASTM D-624		
HARDNESS:	85 SHORE A, ASTM D-2240		

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether verbal or in writing, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LIFE PAINT makes no claim that these tests or any other tests, accurately represent all environments.

Warranty: When the warranted product is applied in accordance with this technical data sheet, label instructions and common sense widely accepted painting practice and procedures, Life Specialty Coatings will warrant said product against manufacturing defects that might cause premature failure such as blistering, peeling, or unusual wear. Directions are as complete as possible but cannot encompass all conditions, applications, and/or surfaces beyond manufacturer's control. In the event of a warranted failure and upon the presentation of proof of purchase, the remedy will be the provision price for said product. This warranty does not include labor or the costs associated with labor. This warranty may not be transferred or assigned and extends specific legal rights which may vary from state-to-state. No other warrantee is expressed or implied. Life Specialty Coatings Company, Santa Fe Springs, CA (562)944-6391