LIFE SPECIALTY COATINGS Est. 1963

PRIMER
TECHNICAL DATA SHEET

LD2180
Epoxy Primer for Auto Life

DESCRIPTION

LD2180 is a two component, liquid applied, epoxy-polyamine primer with unique penetrating characteristics. LD2180 is designed for use in Southern California to be in compliance with air quality standards.

USES, FEATURES & BENEFITS

ADVANTAGES

- Seals Concrete
- Low Viscosity
- Excellent Adhesion

USES

- Concrete
- Metal
- Polyurethane Intercoat Adhesion
- Plywood

PACKAGING

- 2 Gallon Kits
- 10 Gallon kits

DIRECTIONS:

SURFACE PREPARATION:

Concrete, concrete decks, floors and walk ways New concrete must age for a minimum of 30 days. Cool temperatures and high humidity may require a longer cure time. Remove all grease, oil and wax with T. S. P. Solution. (One pound of T. S. P. to 1 gallon of water.) Scrub with stiff broom until surface is thoroughly clean. Rinse thoroughly with clear water. Power wash all concrete with 3000 lb. pressure washer, spray tip should be no further than 6" from concrete surface. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.

For Interior and/or Hard Trowelled Cement:

LIQUID ETCHING METHOD: Etch all unpainted cement with Life Specialty Coatings Liquid GrindTM (follow Liquid Grind technical data sheet). Once Liquid Grind is finished activating, rinse thoroughly and dispose with water according to local waste, storm water, and/or sewage laws. When rinsing, Liquid Grind may still etch areas of runoff. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.

MECHANICAL ETCHING METHOD: Use a grinder or bead blaster with a dust filter, or vacuum attachment, evenly over the surface. A small hand grinder may need to be used where horizontal meets vertical substrates. Rinse thoroughly using a pressure washer to remove all remaining dust and residue. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.

Mildew: DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or even white in color, and will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. Rinse thoroughly. See precautions on bleach label for handling before using.

Glossy Surfaces: Roughen gloss by sanding; then wash with a T.S.P. solution and rinse thoroughly with water.

Previously Painted Surfaces: Clean all surfaces and roughen all glossy surfaces by sanding. Clean all surfaces thoroughly with a T.S.P solution and then rinse thoroughly with water. Do not paint over loose or peeling paint.

Unpainted Surfaces: For maximum durability, prime all surfaces to be coated. Caulk all cracks and nail holes.

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:. LD2180 should be applied at the rate of 1 gallon (mixture of Part-A & Part-B)/300 sq. ft.

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

MIXING:
The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid. LD2180 Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

APPLICATION:
LD2180 can be applied using an airless sprayer, brush, or phenolic resin core roller. Do not thin LD2180.

Allow LD2180 to become tack free before applying the next coating.

LD2180 must be top coated before 10 hours after it is tack free. If 10 hours has passed, sand applied LD2180 and reapply.

LD2180 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application.

TECHNICAL DATA:			
TYPE:	Epoxy Resin & Curatives	DILUENT:	Solvent
POT LIFE	45 minutes	V.O.C	<100 grams per liter
DOT:	PAINT, Class 3, UN 1263PG III, FLAMMABLE LIQUID	SOLIDS:	89-91% Weight 83-85% Volume

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