



**HIGH BUILD EPOXY PRIMER**  
**LCE-1002 DARK GRAY BASE**  
**LCE-1009 LT GRAY BASE**  
**LCE-1011 WHITE GRAY BASE**  
**LCE-1012 BLACK BASE**  
**EAFD-109 ACTIVATOR**

**DESCRIPTION:** A high performance, semi-gloss epoxy primer designed to cure at ambient temperatures and exhibit excellent resistance properties to a wide variety of chemicals and corrosives. Excellent adhesion, sag resistance and corrosion resistance.

**RECOMMENDED USES:** Designed for use on airport runway systems, steel tanks, trailers, miscellaneous steel and concrete. Resists petroleum products (crude, sour crude, diesel fuel, hydraulic fluids, etc.), brine and other salt solutions, detergents and lubricants. Shows excellent holdout for 2K urethane topcoats.

**TECHNICAL DATA**  
(based on LCE-1009 gray)

<b><u>THEORETICAL COVERAGE:</u></b> 1,000 – 1,025 sq. ft. per mixed gallon at 1.0 mil dry	<b><u>SHEEN:</u></b> Semi gloss
<b><u>RECOMMENDED DRY FILM THICKNESS:</u></b> 2 - 5 mils dry per coat	<b><u>WEIGHT/GALLON:</u></b> 11.0 - 11.5 lb. (mixed)
<b><u>VISCOSITY:</u></b> 75-85 Krebs Units (mixed)	<b><u>POT LIFE @ 70° F.:</u></b> 6 - 8 hours
<b><u>FLASH POINT:</u></b> 57° F.	<b><u>SOLIDS CONTENT:</u></b> 63% by volume (mixed) 77% by weight (mixed)
<b><u>ENVIRONMENTAL CODES:</u></b> V.O.C. 2.5 – 2.6 lb./gal. (mixed)	<b><u>MIXING RATIO:</u></b> 4 to 1 by volume kit
<b><u>TEMPERATURE LIMIT(DRY):</u></b> 250° F.	<b><u>SAG:</u></b> Greater than 10 mils wet
<b><u>THINNER:</u></b> R-1799 or Acetone	<b><u>DRYING TIME @ 77° F., 50% R.H.:</u></b> To touch: 30 - 60 minutes To recoat: 4 - 5 hrs (temperature dependent) Full Cure: 5 – 7 days
<b><u>MINIMUM APPLICATION TEMPERATURE:</u></b> 45° F. winter activator; 55° F. summer activator	<b><u>INDUCTION PERIOD:</u></b> none needed with winter activator; 30 minutes with summer

**IMPORTANT INFORMATION**

**APPLICATION TEMPERATURE:** Do not apply when the air, surface, or product temperature is below 45° F. or at any temperature when the ambient air temperature is within 5° F. (3° C.) of the dew point to prevent moisture from condensing on the surface to be painted or on the freshly painted surface.

**MIXING AND THINNING:** Thoroughly mix 4 parts of the LCE base and 1 part LCE activator. The mixed product is usable for 6 hours. No thinning is required for brushing or rolling. Acetone or TCI's R-1799 should be used to reduce for spraying.

### **SURFACE PREPARATION**

Surfaces to be painted must be dry and free from dirt, loose paint, oil, grease, wax and other contaminants. All heavy rust and loose mill scale must be removed. Follow SSPC SP2-63 "Hand Cleaning" instructions. Remove oil and grease by washing with R-688 reducer or any other brand of Xylene. Roughen the surface of all slick or glossy substrates by sanding.

### **HANDLING PRECAUTIONS**

**WARNING: Flammable!**

Keep away from heat or open flame.

Use with adequate ventilation.

Avoid prolonged or repeated contact with skin, and breathing of vapor or spray mist.

Do not take internally.

Close container after each use.

These products and any recommended reducers contain solvents and/or other chemical ingredients. Adequate health and safety precautions should be observed during all storage, handling, use and drying periods. For best results and safest usage, user is specifically directed to consult the current "Material Safety Data Sheet" for this product. When using this product in a confined space or closed area, consult the current OSHA or ANSI bulletins on safety requirements.

When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with the manufacturer's recommendations. If precautions are not taken, spraying of any material can be hazardous. When using or handling spray equipment, hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases wear protective eye equipment. Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all warnings and precautionary information on the product labels.