



LS60

PRODUCT DATA

PRODUCT DESCRIPTION

EPOPLEX LS60 is a two component 100 % solids epoxy coating material designed as a slow setting highway marking coating offering durability, corrosion and abrasion resistance. EPOPLEX LS60 is formulated to provide a simple volumetric mixing ratio of two volumes of Component A to one volume of Component B and is free of TMPTA or multi-functional monomers.

USES, APPLICATIONS

EPOPLEX LS60 may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edging and center line markings.

PRODUCT ADVANTAGES

- 100% solids chemistry
- Low viscosity suitable for spray application
- Long term abrasion and corrosion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Protection against moisture penetration
- Special formulation chemistry for slow set at a wide range of temperatures
- High ultraviolet light stability
- High reflective qualities

PACKAGING

Component A: Base Resin and Pigmentation

Component B: Activator/Curing Agent

Both components available in 55 gallon drums and 250 gallon returnable totes.

STORAGE CONDITIONS

Store both components of EPOPLEX LS60 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

COLOR

EPOPLEX LS60 is available in highway white, non-lead yellow and black. Custom colors available upon request.

IMPORTANT:

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09/15



PHYSICAL CHARACTERISTICS

Percent Solids100%
Epoxide Equivalent Weight280 +/- 50 (ASTM D-1652, Method B)
Total Amine Value	.....625 +/- 50 (ERF-25-68)
Track Free Time @ 77°F/25°C	......45 min. or less (ASTM D-711) (with glass beads)
Adhesion	.....> 300 psi (ASTM D-7234 formerly (100% concrete failure) ASTM D-4541)
Hardness	.....Min. 80 (ASTM D-2240, Shore D)
Abrasion Resistance	.....< 80 mg weight loss (ASTM D-4060 formerly ASTM C-501)
Tensile Strength	......6,000 psi (ASTM D-638)
Compressive Strength	.....12,000 psi (ASTM D-695)
Theoretical Coverage	.....122 sq.ft. per gallon @ 15 mils
Mixing Ratio	......2 Parts A to 1 Part B, by volume
Chromaticity (Color)	.....within coordinates (ASTM D-6628)
Yellowness Indexing	.....Max. before QUV 8 (ASTM E-313) Max. after QUV 20
Titanium Dioxide (White)	.....18-25% (ASTM D-476, Type II) (Composition by weight)
Non Lead Organic Yellow	......5-10% (Composition by weight)