



LS65

PRODUCT DATA

PRODUCT DESCRIPTION

Epoplex LS65 is a two component 100 % solids hybridized epoxy coating material designed as a slow setting highway marking coating offering excellent UV stability and abrasion resistance. Epoplex LS65 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 acrylic monomers.

USES, APPLICATIONS

Epoplex LS65 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
- Suitable for spray application
- Excellent abrasion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Protection against moisture penetration
- High ultraviolet light stability
- High reflective qualities

PACKAGING

Component A: Base Resin and Pigmentation

Component B: Activator/Curing Agent

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

STORAGE CONDITIONS

Store both components of Epoplex LS65 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

IMPORTANT:

Epoplex believes the information contained here to be true and accurate. Information contained here is for evaluation only. Epoplex makes no warranty, expressed or implied, based on this literature. We further reserve the right to modify and change products or literature at any time.

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PHYSICAL CHARACTERISTICS

Percent Solids	100%
Epoxide Equivalent Weight (White)	290 +/- 50 (ASTM D-1652, Method B) (Yellow/Black)230 +/- 50
Total Amine Value	425 +/- 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)
Hardness	Min. 80 (ASTM D-2240, Shore D)
Abrasion Resistance	< 60 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 5 (ASTM E-313) Max. after 72 hours QUV 17
Titanium Dioxide (White)	33-38% (ASTM D-476, Type II) (Composition by weight)
Non Lead Organic Yellow	5-15% (Composition by weight)

COLOR

Epoplex LS65 is available in highway white, non-lead yellow and black. Custom colors available upon request.