



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.

COLOR

Epoplex® LS65 is available in highway white, non-lead yellow and black.

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)

IMPORTANT:

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04/2021



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