



LS65qs

PRODUCT DATA

PRODUCT DESCRIPTION

Epoplex® LS65qs is a two component 100% solids multi-component hybrid acrylated epoxy coating designed as a very fast setting highway marking coating offering excellent UV stability and abrasion resistance. Epoplex® LS65qs is formulated to provide a simple volumetric mixing ratio of two volumes of Component A to one volume of Component B.

USES, APPLICATIONS

Epoplex® LS65qs may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edge and center line markings.

PRODUCT ADVANTAGES

- 100% solids hybrid chemistry
- Suitable for spray application
- Excellent abrasion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Protection against moisture penetration
- Excellent 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® LS65qs in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

COLOR

Epoplex® LS65qs is available in highway white, non-lead yellow and black.

PHYSICAL CHARACTERISTICS

Percent Solids	100%
Epoxide Equivalent Weight (White).....	325 +/- 50
(ASTM D-1652, Method B) (Yellow)	295 +/- 50
Total Amine Value.....	500 +/- 50
(ERF-25-68)	
Track Free Time @ 77°F/25°C	6 min.
(ASTM D-711)	(with glass beads)
Adhesion	> 300 psi
(ASTM D-7234)	(100% concrete failure)
Hardness.....	Min. 80
(ASTM D-2240, Shore D)	
Abrasion Resistance	< 60 mg weight loss
(ASTM D-4060)	
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 (White)	Max. before QUV 5
(ASTM E-313).....	Max. after 72 hours QUV 12
	Max. after 500 hours QUV 24
Titanium Dioxide (White).....	21-29%
(ASTM D-476, Type II)	(Composition by weight)
Non Lead Organic Yellow (Yellow)	5-15%
	(Composition by weight)

IMPORTANT:

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