



# 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 high-way 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.

#### IMPORTANT:

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03/17



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### PHYSICAL CHARACTERISTICS

<b>Percent Solids</b> . . . . .	100%
<b>Epoxide Equivalent Weight</b> (White) . . . . .	325 +/- 50
(ASTM D-1652, Method B) (Yellow) . . . . .	295 +/- 50
<b>Total Amine Value</b> . . . . .	500 +/- 50
(ERF-25-68)	
<b>Track Free Time @ 77°F/25°C</b> . . . . .	6 min.
(ASTM D-711)	(with glass beads)
<b>Adhesion</b> . . . . .	> 300 psi
(ASTM D-7234) . . . . .	(100% concrete failure)
<b>Hardness</b> . . . . .	Min. 80
(ASTM D-2240, Shore D)	
<b>Abrasion Resistance</b> . . . . .	< 60 mg weight loss
(ASTM D-4060)	
<b>Tensile Strength</b> . . . . .	6,000 psi
(ASTM D-638)	
<b>Compressive Strength</b> . . . . .	12,000 psi
(ASTM D-695)	
<b>Theoretical Coverage</b> . . . . .	122 sq.ft. per gallon
	@ 15 mils
<b>Mixing Ratio</b> . . . . .	2 Parts A to 1 Part B, by volume
<b>Chromaticity</b> (Color) . . . . .	within coordinates
(ASTM D-6628)	
<b>Yellowness Indexing</b> (White) . . . . .	Max. before QUV 5
(ASTM E-313)	Max. after 72 hours QUV 12
	Max. after 500 hours QUV 24
<b>Titanium Dioxide</b> (White) . . . . .	21-29%
(ASTM D-476, Type II)	(Composition by weight)
<b>Non Lead Organic Yellow</b> (Yellow) . . . . .	5-15%
	(Composition by weight)

### COLOR

Epoplex LS65qs is available in highway white, non-lead yellow and black. Custom colors available upon request.