



LS90

## PRODUCT DATA

### PRODUCT DESCRIPTION

Epoplex LS90 is a two-component, 100% solids polyurea coating designed as a fast setting highway marking coating that provides durability and abrasion resistance. Epoplex LS90 is formulated to provide a simple volumetric mixing ratio of two volumes of Component A (amine) to one volume of Component B (isocyanate).

### USES, APPLICATIONS

Epoplex LS90 may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edging and center line markings, as well as all intersection 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
- Special formulation chemistry for fast set at a wide range of temperatures
- 100% ultraviolet light stability
- High reflective qualities

### PACKAGING

Component A: Amine and Pigmentation

Component B: Isocyanate

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

#### IMPORTANT:

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### PHYSICAL CHARACTERISTICS

<b>Percent Solids</b> . . . . .	100%
<b>Yellowness Indexing</b> . . . . .	Max. before QUV 5
(ASTM E-313)	Max. after 72 hrs QUV 5
	Max. after 500 hrs QUV 5
	Max. after 1,000 hrs QUV 5
<b>Drying Time @ 77°F/25°C</b> . . . . .	7-10 min.
(ASTM D-711)	(with glass beads)
<b>Adhesion</b> . . . . .	> 300 psi
(ASTM D-7234 formerly	(100% concrete failure)
ASTM D-4541)	
<b>Hardness</b> . . . . .	> 75
(ASTM D-2240, Shore D)	
<b>Abrasion Resistance</b> . . . . .	< 60 mg weight loss
(ASTM D-4060, formally ASTM C-501)	
<b>Tensile Strength</b> . . . . .	> 3,500 psi
(ASTM D-638)	
<b>Theoretical Coverage</b> . . . . .	122 sq. ft. per gallon
	@ 15 mils

### STORAGE CONDITIONS

Store both components of Epoplex LS90 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

### COLOR

Epoplex LS90 is available in highway white and non-lead yellow. Custom colors, including safety green, are available upon request.