



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.

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.

PHYSICAL CHARACTERISTICS

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

IMPORTANT:

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