



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.

SAFETY

Proper personal protective equipment should be utilized when applying Epoplex products. For specific safety and handling information please consult the Safety Data Sheet. Safety Data Sheets for Epoplex products are available online at www.epoplex.com or upon request.

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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