



GLOMARC® 90

PRODUCT DATA

PRODUCT DESCRIPTION

GLOMARC® 90 is a two component polyurea based durable high-way marking system that provides maximum wet night reflectivity. GLOMARC® 90's first component, Epoplex LS90 polyurea binder, is formulated to provide a simple volumetric mixing ratio of two volumes of Component A (amine) to one volume of Component B (isocyanate). GLOMARC® 90's second component is the VISIMAX™ Bead System. GLOMARC® is designed to achieve superior wet night reflective characteristics.

USES, APPLICATIONS

GLOMARC® 90 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.

SYSTEM ADVANTAGES

- 100% solids chemistry
- 100% ultraviolet light stability
- Low viscosity suitable for spray application
- Wet night visibility
- High reflective qualities
- 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
- Excellent color retention

SYSTEM PACKAGING

Component A: Amine and Pigmentation

Component B: Isocyanate

Both components are available in 5 gallon pails, 55 gallon drums, and 250 gallon returnable totes.

VISIMAX™

50 lb. bags or 2,000 lb. super sacks

STORAGE CONDITIONS

Store all components of GLOMARC® 90 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

PHYSICAL CHARACTERISTICS

Percent Solids	100%
Yellowness Indexing	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
Track Free Time @ 77°F/25°C	7-10 min.
(ASTM D-711)	(with reflective media)
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, formerly ASTM C-501)	
Tensile Strength	> 3,500 psi
(ASTM D-638)	
Theoretical Coverage	122 sq. ft. per gallon
	@ 15 mils
Initial Retroreflectance	White > 800 mcd
(ASTM D-4061)	Yellow (non-lead) > 700 mcd

Note: Data is based on laboratory tests. Results may vary on actual road surface.

COLOR

GLOMARC® 90 is available in highway white and non-lead yellow. Custom colors are available upon request.

IMPORTANT:

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