

LS50-CZO

PRODUCT DATA

PRODUCT DESCRIPTION

Epoplex LS50-CZO is a two-component, 100% solids epoxy coating material designed as a rapid setting highway marking coating that provides durability and corrosion and abrasion resistance. Epoplex LS50-CZO is formulated to provide a simple volumetric mixing ratio of two volumes of Component A to one volume of Component B.

USES, APPLICATIONS

Epoplex LS50-CZO may be applied to both cementitious and asphalt highway surfaces as a long-lasting, construction zone marking material for both edging and center line 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
- High visibility, fluorescent orange color
- Special formulation chemistry for rapid set at a wide range of temperatures
- High ultraviolet light stability
- High reflective qualities

PACKAGING

Component A: Base Resin and Pigmentation

Component B: Activator/Curing Agent

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

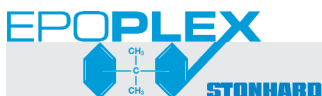
STORAGE CONDITIONS

Store both components of Epoplex LS50-CZO in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original, unopened container.

IMPORTANT:

Epoplex believes the information contained here to be true and accurate. Information contained here is for evaluation only. Epoplex makes no warranty, expressed or implied, based on this literature. We further reserve the right to modify and change products or literature at any time.

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PHYSICAL CHARACTERISTICS

Percent Solids100%
Epoxy Equivalent Weight300 +/- 50 (ASTM D-1652, Method B)
Total Amine Value	.....475 +/- 50 (ERF-25-68)
Track Free Time @ 77°F/25°C	.....10 min. or less (ASTM D-711) (with glass beads)
Adhesion	.....> 300 psi (ASTM D-7234 formerly (100% concrete failure) ASTM D-4541)
Hardness	.....Min. 80 (ASTM D-2240, Shore D)
Abrasion Resistance	.....< 80 mg weight loss (ASTM D-4060, formerly ASTM C-501)
Tensile Strength	.....6,000 psi (ASTM D-638)
Compressive Strength	.....12,000 psi (ASTM D-695)
Theoretical Coverage	.....122 sq. ft. per gallon @ 15 mils
Mixing Ratio	.....2 Parts A to 1 Part B, by volume
Chromaticity (Color)	.....FED Std. 595 B, Color # 38903 (Fluorescent Orange)
Fluorescent Pigment	......5-10% (Composition by weight)