

1. PRODUCT NAME

LCR MV
MAXIMUM PENETRATING INJECTION EPOXY

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

LCR MV is a 100% solids, two-component, moisture insensitive epoxy designed to permanently restore structure and design strength to cracked concrete structures. Unique wetting properties allow maximum penetration of LCR MV into cracks above .005". The LCR MV can be used on wet or dry surfaces, as well as underwater.

Outstanding Features

- Meets ASTM C881, Types I, II, IV & V, Grades 1 & 2, Class B & C..
- No VOC's or Solvents
- 100% solids
- Chemical and Solvent Resistant
- Restores Structural Strength
- Excellent Adhesion to concrete, wood, fiberglass and metal surfaces.

Uses

For permanently repair cracks in concrete such as:

- Basement foundation crack repair.*
- Industrial warehouse and residential floors
- Patios and sidewalks
- Balcony, pool and parking decks
- Reservoir, tank and pool leak repair.*

*See LCR MV recommended concrete crack repair data sheet for additional instructions.

4. APPLICATION INSTRUCTIONS

- 1) Mix entire contents of cartridge according to mixing instructions.
- 2) Place cartridge into standard caulking gun.
- 3) Dispense mixed material and use up entire contents within 15 minutes.
- 4) Do not exceed a "firm handshake" pressure when dispensing with caulk gun.
- 5) Clean up any uncured epoxy with solvent.

Packaging

LCR MV is available 10 fl. oz. single caulk style cartridges and Low, High and Extra High Viscosities.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for min. 24 months.

Limitations

- Not for use on contaminated or oily surfaces.
- Do not install when surface temperature is below 40°F or above 90°F.
- During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

Cautions

- Wear chemical goggles, NIOSH approved respirator, proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements.
- LCR MV may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- Any remaining contents of cartridge can get very hot.
- Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties with Test/Test Method Results

Pot Life @ 77°F (100 grams)	30 mins.
Work life for entire cartridge @ 77°F	20 mins.
Thin Film Set-Time @ 77°F	3-5 hours
Full Cure time @ 77°F	24 hours
Compressive Strength ASTM D-695	14,480 p.s.i.
Tensile Strength	8,315 p.s.i.
Tensile Elongation ASTM D-638	8.9% min.
Linear Coefficient of Shrinkage	<0.001
Heat Deflection Temperature	>120°F
Shore D Hardness	80-75
Water Absorption, 24 hours	0.1989%
Mixed Viscosity	LV MV HV
	150 cps 650 cps 7,000 cps
Color Mixed	Amber
Mix Ratio	2:1
Packaging:	

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