

1. PRODUCT NAME

1001 LV

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

1001 LV is 100% solids, two-component, moisture insensitive epoxy designed to penetrate hairline cracks in concrete structures. Unique wetting properties allow maximum penetration into cracks as small as .005". Also available in 3 set times. Long Set, Regular Set and Fast-set formulations.

Outstanding Features

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

Uses

For permanently repair and seal 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. *

4. APPLICATION INSTRUCTIONS

- 1) Mix 2 parts "A" Resin to 1 parts "B" Hardener by volume. Avoid mixing more than ½ gallon at a time.
- 2) Stir with a mixing stick or slow speed drill with a mixing paddle for 1-2 minutes until streak free and uniform in color. Scrape sides and bottom of mixing pail during mixing and do not over mix more than 3 minutes. Avoid whipping air into mixture.
- 3) Dispense or apply mixed material and use within 15 minutes.
- 4) Follow cartridge dispensing instructions if using single or dual cartridge packaging.

Packaging

3, 15, and 150 Gal Kits
16.5 fl. oz. dual cartridge sets.

Shelf Life

Unopened containers are guaranteed for 1 year.
Store in temperatures between 60°-80° F.
Storing above 85° will reduce shelf life.
Keep from freezing

Limitations

Not for use on contaminated or oily surfaces.
Do not install when surface temperature is below 40°F or above 95°F.
During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

Cautions

Wear chemical goggles, proper protective clothing, and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements.
1001 LV may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
Keep out of reach of children.

5. TECHNICAL DATA

Pot Life @ 77°F (100 gm)	25 mins.
Thin Film Set-Time @ 77°F	3 hours
Full Cure time @ 77°F	24 hours
Slant Shear ASTM C-882	1,200 psi min
Compressive Strength ASTM D-695	14,480 psi
Tensile Strength	8,315 psi
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	150 cps
Color Mixed	Amber
Mix Ratio	2:1

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Data sheets are subject to change without notice.