

# MOUNTAIN GROUT- MG01

## EPOXY SYSTEM INJECTION RESIN

### Description

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MG01 is a 100% solids, two component, moisture insensitive epoxy used to permanently restore structural and design strength to cracked concrete structures. Unique wetting properties allow maximum penetration of MG01 into cracks above .005". MG01 can be used on wet or dry surfaces, as well as underwater. MG01 exhibits the ability to push away water to seal cracks in basements thus preventing air and water leaks.

### Additional Uses

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Repair cracked foundations, floors, ceilings, wood beams, parking garages, bridge supports, underwater piers, exterior slabs, grain elevators, etc

### Outstanding Features

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- Meets criteria for ASTM C-881, Type I, II, IV, & V , Grade 1, Class B & C
- May be used as a bonding agent, coating or mortar repair
- Easily mixed
- Excellent Chemical and Wear Resistance
- Non-Shrinking
- Provides good waterproof properties
- V.O.C. compliant

### Typical Information

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| Test Type                       | Results          | Test Method        |
|---------------------------------|------------------|--------------------|
| Slant Shear Strength 2 days     | 1200 psi (min)   | ASTM C-882         |
| 4 days                          | 1520 psi (min)   |                    |
| Compressive Strength            | 14480 psi (min)  | ASTM D-695         |
| Tensile Strength                | 8315 psi (min)   | ASTM D-638         |
| Tensile Elongation              | 8.9 % (min)      | ASTM D-638         |
| Linear Coefficient of Shrinkage | <0.001           |                    |
| Heat Distortion Temperature     | >120°F           |                    |
| Water Absorption, 24 hours      | 0.1989%          |                    |
| Shore D Hardness                | 80-75            |                    |
| Gel Time @ 77°F                 | 32 minutes       |                    |
| Pot Life @ 77°F (½ gallon)      | 15 minutes       |                    |
| Cure Time @ 77°F                | 3-5 hours        |                    |
| Mix Ratio                       | 2 to 1 by volume |                    |
| Viscosity @ 77°F (mixed) LV     | 150 cps          | Pot life = 3 hours |
| LPL                             | 150 cps          |                    |
| MV                              | 650 cps          |                    |
| HV                              | 13000 cps        |                    |
| EHV                             | GEL              |                    |

### Packaging

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3, 15, and 150 gallon kits  
10.3 oz. and 16.5 oz. cartridges

### Available In

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Standard Pot Life  
Long Pot Life  
Fast Set

**READ THE SAFETY DATA SHEET BEFORE USING MOUNTAIN GROUT PRODUCTS!**