

Mountain Grout®

Epoxy System

Technical Data:

MG01

INJECTION RESIN

Description: MG01 is a 100% solids, two component, moisture insensitive epoxy designed 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:** Repair cracked foundations, floors, ceilings, wood beams, parking garages, bridge supports, underwater piers, exterior slabs, grain elevators, etc. **Available in:** Standard pot life, long pot life and fast set.

Features:

- Meets criteria for ASTM C-881, Type I, II, IV & V, Grade 2, Class B & C
- May be used as a bonding agent, coating or mortar repair
- Easily mixed
- No shrinkage
- Excellent chemical and wear resistance
- Provides good waterproof properties
- V.O.C. compliant

TEST TYPE	RESULTS	TEST METHOD
Slant Shear Strength 2 Days 14 Days	1200 psi (min) 1520 psi (min)	ASTM C-882
Compressive Strength	14,480 psi (min)	ASTM D-695
Tensile Strength	8,315 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 @75°F (mixed) LV MV HV EHV	150 cps 650 cps 13,000 cps GEL	
Packaging	3, 15, 150 gallon kits 10.3 oz, 16.5 oz cartridges	

MSDS should be read before using Mountain Grout products.

Green Mountain International, Inc.

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