

Mountain Grout®

Epoxy System

Technical Data:

MG05

BONDING AGENTS

Description: MG05 is a 100% solids, two component, structural epoxy specifically formulated to bond plastic concrete to hardened concrete. MG05 is moisture insensitive and will not shrink during or after it has cured. MG05 contains unique wetting agents, which penetrate the pores of hardened concrete to produce a superior bond. MG05 can be utilized as a primer coat prior to applying a floor coating system. MG05 can be mixed with dry silica sand to produce an excellent wear resistant, patching mortar for large cracks or spalled concrete. Mix MG05 with decorative stone for an exterior patio/walkway coating.

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
Viscosity @75°F (mixed)	500cps	
Compressive Strength	11,480 psi (min)	ASTM D-695
Tensile Strength	8,315 psi (min)	ASTM D-638
Tensile Elongation	8.9% minimum	ASTM D-638
Flexural Strength	4,500 psi (min)	ASTM C-580
Slant Shear Strength 2 Days	1200	ASTM C-882
14 Days	1520	
Linear Coefficient of Shrinkage	<0.001	
Water Absorption 24 hours	0.1989%	
Shore D Hardness	90-85	ASTM D-2240
Pot Life @75°F (½ gallon)	35 Minutes	
Cure Time @75°F	24 hours	
Color	Light Amber	
Packaging	3 and 15 gallon kits	

MSDS should be read before using Mountain Grout products.

Green Mountain International, Inc.

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