

Mountain Grout®

Epoxy System

Technical Data:

MG14

ANCHORING

Description: MG14 is a 100% solids, two component, structural epoxy designed for use in anchoring threaded rod, bolts, reinforcing bars and smooth dowels to solid concrete.

MG14 is moisture insensitive and will bond to wet or dry surfaces. MG14 is a thixotropic, amine-based adhesive that exhibits excellent adhesion to concrete, as well as, fast setting characteristics. MG14 can be used vertically, horizontally or with screen tubes for anchoring in hollow masonry walls.

Features:

- I.C.B.O.
- Meets ASTM C-881-90, Type I, II, IV & V, Grade 3, Class B & C
- Low odor
- Rapid cure
- Excellent adhesion to concrete
- Protects against corrosion
- Easily mixed and dispensed
- Moisture insensitive

| TEST TYPE | RESULTS | TEST METHOD |
|---------------------------------|--|-------------|
| Compressive Strength | 14,528 psi (min) | ASTM D-695 |
| Compressive Modulus | 801,089 psi (min) | ASTM D-695 |
| Tensile Strength | 9,759 psi (min) | ASTM D-638 |
| Tensile Elongation | 1% | ASTM D-638 |
| Linear Coefficient of Shrinkage | .003 | ASTM D-2566 |
| Heat Deflection | 145°F | ASTM D-3418 |
| Slant Shear 2 Days 14 Days | 2180 (Type IV) 2450 (Type IV), 1760 (Type V) | ASTM C-882 |
| Gel Time @75°F | 20 Minutes | |
| Pot Life @75°F | 15 Minutes | |
| Cure Time @75°F | 90 Minutes | |
| Ratio | 1:1 by volume | |
| Color | Grey | |
| Packaging | 2 Gallon, 10 Gallon, 100 Gallon, 22 oz., 11 oz., 5 oz. Cartridges | |

MSDS should be read before using Mountain Grout products.

Green Mountain International, Inc.

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