

MOUNTAIN GROUT- MG Baseplate 33

EPOXY SYSTEM

Description

MG-Baseplate-33 is an industrial epoxy grout system designed as a baseplate grouting system.

Typical Application

- Machine bases
- Patching and resurfacing
- Joint nosings
- Anchoring

Advantages

- No shrinkage
- Easy mixing pre-packaged kits
- Corrosion and impact resistant
- Vibration resistant
- Fast cure
- Low exotherm

Typical Information

Physical Properties – Liquid Resin		Test Method
Mix Ratio of Liquids	3:1	
Mixed Viscosity	1500 cps	
Pot Life @77°F	40 minutes	
Tack Free	10 hours	
Physical Properties – Cured Resin		
Compressive Strength	13,500 psi	ASTM D-695
Compression Modulus	320,000 psi	ASTM D-695
Tensile Strength	7,500 psi	ASTM D-638
Elongation	8%	ASTM D-638
Flexural Strength	7,600 psi	ASTM D-638
Flexural Modulus	400,000 psi	ASTM D-638
Physical Properties – Cured with Aggregate		
Compressive Strength	13,000 psi	ASTM D-579
Tensile Strength	2000 psi	ASTM C-307
Flexural Strength	2,500 psi	ASTM C-293

Application Instructions

Surfaces should be clean and dry. Mix A and B components in packaged ratio until streak free (2-4 minutes). Surfaces can be primed with neat resin for optimum adhesion. Add prepackaged aggregate and mix for thoroughly. Pour and screed. Pot life of neat resin is 40 minutes. Surface temperatures must be between 35 and 90 F. The addition of the aggregate produces a pourable grout.

Standard Packaging

0.5 cubic feet or 2.85 cubic feet kits. A, B, and aggregate.

Read and understand the SDS prior to use.



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Application Equipment: Contact Green Mountain International, LLC for equipment recommendations for the particular application and conditions.

Personal Protection: Read SDS for complete details. For professional use only. Avoid breathing vapors – use in well-ventilated area only or use self-contained respiratory protection in confined spaces. Avoid skin contact – wear protective gloves. Avoid eye contact – wear eye protection. Do not ingest.

First Aid: In case of eye contact, flush with large amounts of water and get medical attention. For skin contact, wipe excess liquid from skin and wash with soap and water. If breathing is difficult, give oxygen and get medical attention.

Safety Precaution: During the chemical reaction, polyurethane products release heat via an exothermic reaction. When polyurethane products are applied in substantial quantities, exothermic reactions may generate enough heat to become a fire hazard. All necessary precautions should be taken to avoid the creation of a situation in which a fire could occur. Contact Green Mountain International, LLC for further information.

Storage and Shelf Life: Product is moisture sensitive. Store in original sealed containers at temperatures between 60°F and 90°F (15°C-32°C). Opened containers must be handled properly to prevent moisture contamination. Shelf life is 12 months when properly stored.

Clean-Up of Spills or Leakage: With adequate ventilation and appropriate personal protective equipment, cover the spill area with absorbent material such as clay, or vermiculite and transfer to metal waste containers. DO NOT RESEAL CONTAINER AS REACTION OF CONTAMINATED MATERIAL CAN CREATE PRESSURE. Wash area with decontamination solution (5-10 % solution of sodium carbonate). Dispose of waste in accordance with Federal, State and local regulations.

Shipping Information: Shipping Class USDOT Class 55; USDOT Hazard Classification: Non-Hazardous.

Warranty Information: This limited warranty is limited to the replacement of the materials which are defective. Green Mountain International, LLC makes no other warranty, expressed or implied, and makes no warranty of merchantability or fitness for a particular purpose. This limited warranty does not include any transportation charges or costs of installation or any liability for direct, indirect, consequential, or punitive damages or delay, whether or not the undersigned has been advised of such claims. THE FOREGOING LIMITED WARRANTY IS THE SOLE WARRANTY FOR THE PRODUCT. THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Physical Property Values: PLEASE NOTE, this Technical Data Sheet is intended as a *general guide* to provide assistance regarding typical physical characteristics of the product. However, the specific values are affected by various factors, including, but not limited to, ambient temperature, water temperature, humidity, water pH, reaction under confinement, and the presence of chemicals or debris in the reaction area. Applicators are encouraged to perform sample tests with the variables found on site to get the best possible indication of the product's physical properties for the specific job.



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