



MICOROX BACKING GROUT

MICOROX® BACKING GROUT is a 100% solids epoxy resin compound formulated for backing wear metal in all types of crushers, grinding mills and other heavy machinery used in mining and crushed aggregate operations. **MICOROX® BACKING GROUT** eliminates costly and dangerous molten zinc pours formerly used to maintain crushers. **MICOROX® BACKING GROUT** combines high impact resistance, superior compressive strength, non-flammable, high stability and low shrinkage in one system. **MICOROX® BACKING GROUT** offers excellent resistance to water, oil and chemicals that may be introduced during crushing and milling operations.

PRODUCT DESCRIPTION:

MICOROX® BACKING GROUT is the result of 25 years of formulation refinement and industry experience, satisfying the exacting requirements of crusher and mill manufacturers. **MICOROX® BACKING GROUT** material has high compressive and impact strength, extremely low shrinkage and easy pourability, which makes it superior to many *high impact* backing systems. **MICOROX® BACKING GROUT** has superior form stability to resist creep under cyclic loading. **MICOROX® BACKING GROUT** is pre-portioned for effortless mixing and fast cure. Long experience has proven that these materials will resist degradation due to thermal cycling and aging.

APPLICATIONS:

- Crusher Wearing Parts
- Extreme Hard Rock Crushing
- Grinding Mills (Trowable Formula also available)
- Lock Eccentric Bushings (or use Bushing Lock)
- Cold Temperature Crusher Pours (not below 50°F)
- Crusher Preparation

COMPLIMENTARY INFORMATION:

Our full service lab and technical engineers are available to assist you. For complete information on all systems, contact your local Dealer or our factory at 1-800-284-4308.

PHYSICAL/CHEMICAL CHARACTERISTICS:

Compressive strength.	. . .	16,700 psi (D-695)
Compressive Modulus	. . . .	4.3 x 10 ⁵
Tensile strength	. . . . .	5,060 psi (D-638)
Linear Shrinkage	. . . . .	.0005 in/in
Heat Distortion Temperature	. . .	150°F
Bond Impact	. . . . .	55 ft.lb./in.
Pouring Viscosity	. . . .	5,500-6,500 cps
Pot Life	. . . . .	20 minutes 77°F
In Service Time	. . . . .	4 - 6 Hours 77°F
Flash Point	. . . . .	over 200°F

Usage: Theoretical:

22# Kit =	340 cu. in. volume
55# Kit =	850 cu. in. volume

LIMITED WARRANTY: Micor Company Inc. warrants to the original purchaser of its products that they are in conformance to the formulation standards of Micor Company, Inc. and that such products are free from manufacturing defects. Original purchaser's only remedy is replacement of the product. Micor does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Micor be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Micor's part. Micor neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Micor products. This warranty shall not apply to any of Micor's products which have been subject to alteration, abuse or misuse. Micor makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Micor Co. which are used in connection with its products. The term "original purchaser" in this warranty applies to that person, company or corporation to which Micor Company Inc. sold its product or products. The original purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: Always keep out of the reach of children.