

MICOROX® FLEX CRACK SEALER

MICOROX® Crack Sealer is a two component, 100% solids epoxy resin - based material designed for filling and sealing non-moving cracks in concrete and masonry surfaces. This fast setting material adheres securely, even on damp surfaces. **MICOROX® Crack Sealer** is a liquid product that penetrates deeply into cracks and voids. When cured, this product is effective in preventing liquids from seeping through and reduces the likelihood of bacterial growth. **MICOROX® Crack Sealer** is easy to apply with a squeeze bottle, squeegee, by pouring or with pressure devices.

FEATURES:

- * Fast setting
- * Easy to use
- * Superior adhesion
- * Deep penetrating
- * Chemical resistant
- * Can be injected under pressure
- * Low odor formulation

PACKAGING:

1 1/2 Gallon Units
15 Gallon Units

COVERAGE PER UNIT:

30 lineal ft. - 1" wide x 1" deep
60 lineal ft. - 1/2" wide x 1" deep
120 lineal ft. - 1/2" wide x 1/2" deep
480 lineal ft. - 1/4" wide x 1/4" deep

HARDENING AND CURE:

The **MICOROX® CRACK SEALER** will initially harden in 3 or 4 hours at 70°F. Complete cure will require 18 to 48 hours, depending on temperatures and humidity

PHYSICAL/CHEMICAL CHARACTERISTICS:

Viscosity 500 + 50 cps
(like light machine oil)

Yield 231 cubic inches per mixed gallon

Color Clear & Straw Grey, other colors
by request

Working Life-Mixed materials: 20 min.

Set Time 2 to 4 hours at 70°F

Tensile Strength 6600 psi

Tensile Elongation 10%

Compressive Strength 7600 psi

Tensile Bond Strength 400 psi
(exceeds strength of concrete)

STORAGE AND SHELF LIFE:

Stored at room temperature, the unopened materials should have a shelf life of one year.

COMMON USES & APPLICATIONS:

Filling and sealing cracks and control joints in concrete or epoxy floors. Crack Injection.

SURFACE PREPARATION

Cracks and voids must be clean and free of loose material, dust, grease, oil, grout, or other contaminants. chip or rout out cracks that are hard to clean. Notch or V cracks for maximum performance. Seal the bottoms of cracks through the slab, or where the Crack Sealer will leak through, with a polyurethane rope. Concrete surfaces should be clean, dry and rough for best performance.

APPLICATION:

Mix **MICOROX® CRACK SEALER** by combining one part of hardener component with two parts of resin component. A measuring cup, or a can may be used to measure the components.

Mix the two components together thoroughly for two to three minutes to a uniform color and consistency. Use a paddle or low speed drill - stirrer to mix the material;

To apply the material, a plastic squeeze bottle (like a ketchup bottle) works well. Dispense the liquid into the crack until penetration stops and the crack is full. To fill very fine cracks, pressure is required to force the sealer into place. A grease gun with grease fittings may be used. Pressure injection devices may also be used. Contact Micor for recommendations.

The **MICOROX® CRACK SEALER** may be thickened for application on vertical cracks. Mix the material as described above and add the dry thickening agent (sold separately) to obtain the desired consistency. Apply with a squeeze bottle, spatula, trowel, or with pressure equipment.

CLEAN UP:

Clean tools immediately with hot, soapy water or solvents such as Xylene or MEK. These products are **HAZARDOUS** and must be used with **CAUTION** and **MUST** be used with appropriate **VENTILATION**. See their M.S.D.S. sheets for appropriate use.

WORKING LIFE:

Working life of mixed materials is very short. Mix only the amount of material that can be used in 20 minutes.

HANDLING PRECAUTIONS:

MICOROX® CRACK SEALER is intended for industrial and commercial use only! Prolonged contact with skin can cause irritation. Wear protective clothing and chemical splash goggles to avoid eye contact. **NEVER RECAP A CONTAINER OF MIXED COMPONENTS** as the continuing reaction may cause an **EXPLOSION!**

IMPORTANT: Refer to our M.S.D.S. sheet *before* using.

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.

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.