

MICOROX® X-TRA FLUID GROUT, L/O FORMULA

MICOROX® X-TRA FLUID GROUT L/O is the only **low odor**, 100% solids, epoxy grout available in designer colors to meet the needs of the health care industry and other commercial environments where *safety, appearance and performance* are important. **L/O GROUT** is an exceptional high strength, fast setting epoxy material designed for grouting, regrouting and anchoring equipment combining these outstanding physical properties with low odor. **MICOROX® X-TRA FLUID GROUT L/O** features a superior surface which allows *color matching* to the existing decor and low viscosity for superior flow, leveling and air release. Vibration and impact resistance plus superior chemical resistance to most industrial chemicals make **MICOROX® X-TRA FLUID GROUT L/O** the grout of choice.

PRODUCT DESCRIPTION:

MICOROX® X-TRA FLUID GROUT L/O is a two component, 100% solids, low viscosity epoxy grout designed to be poured in thickness' ranging from ¼ to ½ inch. With ¼ to ½ inch clearance, it can be expected to flow at least 4 feet with a 3 inch head. **L/O** cures level and void free in 5 to 7 hours and is ready to use in 24 to 48 hours depending upon temperature.

APPLICATIONS:

MICOROX® X-TRA FLUID GROUT L/O is engineered for use with extremely sensitive medical equipment in hospital environments but can find uses wherever a high quality grout surface is required.

OPTIONS:

L/O GROUT is available in several colors and can be custom pigmented providing a minimum order quantity can be met.

Our color matched epoxy sealer is available for cosmetic repair of existing exposed grout surfaces.

- FEATURES:**
- Low Odor
 - Superior surface finish
 - Superior resistance to vibration
 - Self leveling
 - Superior flows
 - Minimal shrinkage
 - Moisture insensitive
 - 100% solids: no solvents

PHYSICAL/CHEMICAL

CHARACTERISTICS: (7 day cure 77° F)

Compressive Strength	15,800 psi
(ASTM D695-77)	
Compressive Modulus	3.4 x 10 ⁵ psi
(ASTM D695-77)	
Tensile Strength	5,400 psi
(ASTM D638-77a)	
Tensile Modulus	7.0 x 10 ⁵ psi
(ASTM D638-77a)	
Percent Elongation	0.65%
(ASTM D638-77a)	
Flexural Strength	4,600 psi
(ASTM D790-71)	
Flexural Modulus	1.3 x 10 ⁶ psi
(ASTM D790-71)	
Linear Shrinkage	1.2 x 10 ⁻³ in/in
Coefficient of Expansion	2.3 x 10 ⁻⁵ in/in/°C
(ASTM D296-70)	
Viscosity: Brookfield (mixed)	1,650 cps
(Sp. 3, 20 rpm, 77° F)	
Pot Life	30 minutes at 77°F
Gel Time (77° F)	5 to 7 Hours
(¼ inch thickness)	
Cure Rate: Minimum	8 Hours at 77°F/25°C
Full cure:	5 to 7 days depending upon application temperature, cure temperature and pour thickness.
Mixing Ratio:	supplied in factory proportioned quantities. Mix entire unit.
Yield:	1 pound. yields 16.75 in ³
Colors:	Blue, Gray, Light Brown or custom color special order.

PACKAGING:

MICOROX® X-TRA FLUID GROUT L/O is packaged in 25 and 50 lb. kits.

YIELD:

Kit weight	Yield in cubic inches
25 lbs.	418
50 lbs.	836

COVERAGE:

Theoretical: 11.6 sq. ft./ 25 lb. kit, at ¼ inch deep
5.8 sq. ft./ 25 lb. kit, at ½ inch deep

PREPARATION: (See MSDS Sheet Before Using)

Use **MICOROX® X-TRA FLUID GROUT L/O** in instances where clearance is ½ inch or less. Dam the perimeter or the pad leaving adequate venting. Use a wax-type form release agent.

Add the entire contents of the hardener can to the resin pail and mix for 2 to 3 minutes with an electric drill and mixing paddle. Care should be taken to remove material from the walls of the container while mixing. The mixing paddle should be kept away from the surface to reduce air entrapment.

Pour the mixed material under the machine with a head of about 3 inches. Allow the grout to set for a minimum of 8 hours before removing the forms.

TEMPERATURE LIMITATIONS:

During the installation and cure, the surface and air temperatures should be between 60° and 90°F. The grout should have a minimum temperature of 70°F. To optimize performance we recommend a minimum temperature of 70°F for grout, surface and air. Once cured, the grout will perform well between -30° and +135°F.

HARDENING AND CURE:

MICOROX® X-TRA FLUID GROUT L/O will be set in 5 to 7 hours, and ready for service in 24 to 48 hours, depending upon temperature. Full cure may take 5 to 7 days depending upon temperature.

PRECAUTIONS:

Read container labels and Material Safety Data Sheets before using all products. Contact with either component can cause irritation. Wear protective clothing. Cover hands with chemical resistant gloves. Wear chemical splash goggles to avoid eye contact. Use only with adequate ventilation.

NEVER RECAP A CONTAINER OF MIXED COMPONENTS. THE CONTINUING CHEMICAL REACTION MAY CAUSE THE CONTAINER TO RUPTURE VIOLENTLY.

COMPLEMENTARY DATA:

For more information please refer to the M.S.D.S. sheet. For specific chemical resistance information please call our office at 800-284-4308. Our full service lab and technical engineers are available to assist you.

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.