

MICOROX® FLOORLIFE™ GROUT

MICOROX® FLOORLIFE™ GROUT is a cost effective mortar material designed for filling holes, ruts and badly eroded areas. This grout is perfect for ramping, sloping, and changing grades prior to overlaying with **MICOROX® FLOORLIFE™** resurfacers. **MICOROX® FLOORLIFE™ GROUT** is a 100% solids epoxy material features excellent physical strengths and chemical resistance.

PRODUCT DESCRIPTION:

MICOROX® FLOORLIFE™ GROUT hardens quickly and may be overlaid within hours, preventing lost time during resurfacing projects, waiting for cementitious grouts to cure. Our **FLOORLIFE™** Grout is completely compatible with the overlay, eliminating disbonding or delaminating problems associated with grouts of non-compatible materials.

The **MICOROX® FLOORLIFE™ GROUT** is not intended as a finished surface and overlaying with a **MICOROX® FLOORLIFE™** Resurfacer or liquid sealer is recommended.

FEATURES

- * Less expensive fill material
- * Ideal for pitching or grading
- * May be overlaid quickly
- * 100% solids, odor free formula
- * Exceptional physical strengths
- * Compatible with overlay
- * Easy trowel application

AREAS OF APPLICATION

Filling Holes
Establishing pitching
Building Ramps
Coving
Restoring ruts
Sloping or grading
Building curbs
Building irregular shapes

Pot Life: DF 15 minutes, SF 45 minutes,
CP 25 minutes at 77° F.

SPECIFICATION DATA:**COVERAGE:**

Approximately 100 sq. ft./unit: ½ in. thickness.
Yield per unit: 7200 cu. in. or 3 cu. ft.

PACKAGING

One unit of **MICOROX® FLOORLIFE™** GROUT contains:

- 12 containers of resin
- 12 containers of hardener
- 12 bags of aggregate

Also sold in one-quarter (¼) units which contain 3 batches of each component.

GROUT SELECTION:

Micor manufactures 3 types of **MICOROX® FLOORLIFE™ GROUT**. The type of grout to be used depends upon the type of Micor overlay to be used. Use the following chart to select your materials.

Micorox® Floorlife™ DF Flooring
Grout: Floorlife™ DF Grout
Primer: Floorlife™ Primer

Micorox® Decorative Flooring
Grout: Floorlife™ DF Grout
Primer: Floorlife™ Primer

Micorox® Floorlife™ SF Flooring
Grout: Floorlife™ SF Grout
Primer: Floorlife™ Primer

Micorox® Floorlife™ CP Flooring
Grout: Floorlife™ DF Grout
Primer: Floorlife™ Primer

APPLICATION: INTENDED FOR INDUSTRIAL AND COMMERCIAL USE ONLY!

PREPARATION IS THE KEY to any successful application and installation. **MICOROX® FLOORLIFE™ GROUT** must be applied over thoroughly cleaned, prepared and dry surfaces. See Surface Preparation section for details.

Micor recommends the installation of a primer prior to installation of **MICOROX® FLOORLIFE™ GROUT**, Micor primers penetrate the concrete surface to temper and strengthen it and provide a secure bond to the surface. Mix the specified primer components thoroughly and apply the liquid with a roller or brush in a thin, even film. Never permit the primer to puddle. The primer may be overlaid within 30 minutes at 77° and will remain suitable for overlaying for 24 hours at 77° F.

Mix Floorlife Grout by combining the liquid resin and hardener components (one container of each). Mix for about 2 minutes. Blend the liquids with one bag of aggregate in an electric mixer or mortar box. Mix thoroughly to a uniform consistency for about 4 minutes.

Use a trowel to apply the mixed **MICOROX® FLOORLIFE™ GROUT**. A steel finishing trowel (3" x 10" or 4" x 10") is recommended to spread and compact the mortar. Spread the mortar out over the area and trowel in one direction to finish the mortar. Use pressure to compact and smooth the mortar at the desired thickness or height. A minimum thickness of about ½ inch is recommended to avoid creating a weak edge of the grout. Use the surrounding floor as a guide for filling ruts, holes or depressions. A screed or straight edge is useful for grading and pitching with **MICOROX® FLOORLIFE™ GROUT**.

A smooth, even surface is desired, however it need not be perfect and pinhole free since it will be overlaid. A clean trowel works well for finishing the surface. Keep the trowel clean with a damp rag or solvent dampened rag. Use care not to mix water or solvent into the mortar.

MICOROX® FLOORLIFE™ GROUT hardens in a few hours and should not be sealed until grout have cured.

SURFACE PREPARATION:

Concrete surfaces must be thoroughly cleaned, roughened and dried prior to application of Micor materials. Remove any coating, patch, weak concrete, paint, wax, oil, grease, etc., from the surface. Clean and prepare the concrete by acid etching, abrasive blasting or mechanically abrading the substrate. A rough surface is desired to provide a good bonding profile.

ACID ETCHING: WEAR APPROPRIATE PROTECTIVE GEAR. INCLUDING CHEMICAL SPLASH GOGGLES. Use a 10% muriatic acid solution
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(1 part commercial strength muriatic acid to 2 parts water) and scrub this solution into the concrete with a stiff bristled broom or power scrubber. Let the acid react for 10 minutes, then flush with hot water under pressure. Neutralize with an ammonia (½-pint ammonia per gallon of water) or 5% caustic solution. Flush with cold water under pressure. Thoroughly dry the area. The concrete should be white, clean, rough and dry.

Steel surfaces should be prepared by abrasive blasting or grinding, sanding, etc., to provide a clean, rough, shiny steel surface with a 2-4 mil anchor pattern.

TEMPERATURE LIMITATIONS:

Once cured, **MICOROX® FLOORLIFE™ GROUT** provides excellent service at freezing temperatures up to 150°F. During the installation and cure, surface temperatures of 60° - 80°F are recommended.

STORAGE AND SHELF LIFE:

MICOROX® FLOORLIFE™ GROUT should be stored at 70° - 90°F for 3-4 days prior to use. Keep all components clean and dry. Stored at room temperature, the materials have a shelf life of one year.

HANDLING PRECAUTIONS:

Prolonged contact with skin can cause irritation. WEAR PROTECTIVE CLOTHING AND SPLASHE GOGGLES TO AVOID EYE CONTACT. NEVER recap a container of mixed components as the continuing reaction may cause an explosion.

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 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.

READ OUR M.S.D.S SHEETS BEFORE USING!