

MICOROX® 1295 Sealer is a 100% solids, 2 component epoxy sealer designed as a coating for concrete floors and a sealer for other MICOROX® FLOORING SYSTEMS. It is ideal for commercial, institutional, and light manufacturing areas where a high quality coating or sealer is required. 1295 Sealer offers a durable abrasion resistant surface. It provides excellent resistance to many common industrial chemicals, grease, oil and cleaning compounds. Excellent handling characteristics provide easy installation using brush, roller and other common application techniques. 1295 can also be used as a base for colored vinyl flake floors.

PRODUCT DESCRIPTION:

MICOROX® 1295 SEALER is a two component, 100% solids epoxy sealer designed to offer a high gloss durable coating for concrete and other surfaces.

APPLICATIONS:

1295 is used to improve the chemical and abrasion resistance of concrete and other flooring systems. It provides a durable, easily cleaned surface which is resistant to many common industrial chemicals and cleaning agents. When being used without primer, always check adhesion to the prepared surface prior to application. On old and new construction, check vapor transmission rate prior to application. On new concrete surfaces we recommend using a good penetrating primer such as:

MICOROX® 103 PRIMER: a two-component water reducible epoxy primer.

OPTIONS:

MICORTHANE™ 9-82 a two part chemically resistant non-yellowing urethane sealer.

AREAS OF APPLICATION:

Commercial, institutional and light industrial floors. Manufacturing and food service areas. As a binder for colored vinyl flake floors.

PHYSICAL/CHEMICAL CHARACTERISTICS

Compressive Strength	10,100 psi
(ASTM D-695-77)	
Compressive Modulus	1.95 x 10 ⁵ psi
(ASTM D-695-77)	
Tensile Strength	7,100 psi
(ASTM D638-77a)	
Tensile Modulus	3.6 x 10 ⁴ psi
(ASTM D-638-77a)	
Tensile Elongation	10.7%
ASTM D 638-77a	
Flexural Strength	12,500 psi
(ASTM D-790-71)	
Flexural Modulus	3.7 x 10 ⁵ psi
(ASTM D-790-71)	
Hardness	80-85
(ASTM D-2240/Shore D Durometer)	
Bond Strength	>400 psi (100% concrete failure)
Abrasion Resistance	0.04 gm /1000 revolutions
(ASTM D-4060, Taber Abrader)	
(5-17 wheel, 1,000 gm load)	
Flammability	Self extinguishing.
(ASTM D-635)	Extent of burning 0.25 inches max.
Water Absorption	0.1%
(ASTM C-413)	
Heat Resistance Limitation:	
	140° F/60° C (for continuous exposure)
	200° F/ 93°C (for intermittent spills)
Cure Rate: allow (at 77°F/25°C)	12 hours for foot traffic
	18 hours for light traffic
	24 hours for normal operations

Colors: Available in clear and 14 basic colors. Custom colors upon request.

PACKAGING:

1295 Sealer is packaged in 3 and 15 gallon units.

COVERAGE:

150 sq. ft./gallon at 6-10 mils thickness.

SURFACE PREPARATION:

WHEN USED AS A TOPCOAT FOR MICOROX® FLOORING SYSTEMS: To remove trowel marks and present an even, level surface for **1295 SEALER**, use a floor grinder with medium stones and vacuum resulting dust before applying **1295 Sealer**.

WHEN APPLIED AS A CONCRETE FLOOR SEALER, 1295 SEALER bonds to most existing surfaces with an appropriate primer. Substrate must be exposed by acid-etch or mechanical means for secure bonding. See installation instructions for further details.

APPLICATION:

1295 SEALER is extremely easy to use. It may be installed by plant personnel or local contractors.

On concrete surfaces **MICOROX® 103 Primer** makes an excellent primer. Apply the primer in a very thin, even film with no build up or puddling. Coat after water and co-solvent have evaporated, usually 6 to 8 hours.

Mix **1295 SEALER** by combining one container of resin with one container of hardener. Mix thoroughly with a drill-stirrer. Premix components to redisperse any settled fillers or pigments. Materials should be mixed for approximately two minutes. No induction time is required. The material may be applied immediately.

Note: 15 gallon batches require field measurement. Mixing ratio is 2 resin to 1 hardener by volume.

Apply the material by squeegee, roller or brush. Apply in a thin, even film of 8-10 mils thickness. If a second coat is being applied, timing is

critical. Allow the first coat to harden. Additional coats should be applied within 24 hours of the initial application.

TEMPERATURE LIMITATIONS:

During the installation and cure of **1295 SEALER**, surface temperatures of 60° F - 90° F are recommended. Do not apply urethane top coat if substrate temperature is below 60° F.

HARDENING AND CURE:

1295 SEALER hardens for foot traffic in 12 hours at 77°F. Complete cure may require 24 to 72 hours depending on temperature and humidity.

PRECAUTIONS:

Read container labels and Material Safety Data Sheet before using all products. Contact with liquids Part A and B can cause irritation. Wear protective clothing. Cover hands with protective cream and/or gloves. Wear chemical splash goggles. Use only with adequate ventilation.

Our full service lab and technical engineers are available to assist you. For complete information on **MICOROX®** systems contact your local **MICOROX®** 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.