



Clear Epoxy and Aliphatic Urethane Sealer

MICRO TOPPING SEALER

DESCRIPTION AND USE:

Micro Topping Sealer System is a clear, two step finishing system intended for interior applications. It is comprised to two products: **Micro Epoxy Base Coat** is a new generation, low VOC ep-oxy coating which is roller applied. **Micro Clear Finish** is an aliphatic urethane also roller applied. Both of these two products are two-component materials mixed together at the job site. Micro Seal will seal the surface and lock in the color for a smooth, durable, easy to clean finish.

ADVANTAGES:

- Heavy Waterborne Epoxy
- Virtually Odorless
- Excellent Chemical and Abrasion Resistance
- Breathable
- Easy to Apply
- Light Reflective with a "Wet" Glossy Look
- Long Pot Life

BASIC USE:

Micro Topping Sealer System seals and protects Multicoat's Micro-Topping Flooring system. The Micro Epoxy Base Coat and Micro Clear Finish are used together to lock in the color of the Micro-Topping and to form a smooth surface which is durable, easy to clean, with UV protection. Each component is field mixed with part "A" and "B" then applied by roller. The Micro Epoxy Base Coat is applied first then once dried it is followed by the Micro Clear Finish.

PACKAGING:

Micro Epoxy Base Coat and Micro Clear Finish are both packaged separately from one another. Each item is packaged in box, with the proper amount of product "A" and "B" which are mixed with each other. No measuring will be required.

SURFACE PREPARTION:

Micro Topping Surface must be cured and free of all contamination such as latenance, curing compounds, dirt, oil grease, or any foreign material which may interfere with proper bonding.

MIXING:

For Each Product, Mix "A" and "B" together and stir for 2 minutes with a low speed jiffy style mixing paddle for 2 minutes. Pot life of both products is approximately 60 minutes. The Micro Clear Finish will appear to be a milky color while wet and will dry clear.

APPLICATION:

One Coat of both products are required. Both products are applied with a 3/8" nap, solvent resistant, non-shredding roller. Keep coatings even and consistent.

MICRO EPOXY BASE COAT: is applied first, at a coverage rate of 250 sf per mixed gallon. Only one coat is needed. Allow this coat to dry a minimum of 24 hours before applying the Micro Clear Finish. Cooler temperatures and high humidity require longer dry times..

MICRO CLEAR FINISH: is applied once the Epoxy Base has dried. Apply at a coverage of no less than a rate of 250 to 300 sf (3 mil) per mixed gallon.

Allow a minimum of 24 hours before area to receive foot traffic and 96 hours before any furniture or flat objects are placed on surface.

Note: DO NOT ALLOW THE CLEAR FINISH TO "PUDDLE" and DO NOT APPLY THICKER THAN RECOMMENDED OR A MILKY WHITE APPEARANCE WILL OCCUR.



LIMITATIONS:

Do not apply on wet floors, areas receiving direct sunlight or affected by drafts during the curing process. Do not apply in areas where temperatures exceed 170° F. Application temperature range is 65° to 90° F with humidity at 80% or below. Do not use on exterior applications and do not use on rough surfaces that will not allow proper thin application. Avoid use on below grade applications where water vapor transmission is greater than 10 lbs / 1000 sq. ft./24 hours per calcium chloride test.

STORAGE:

Store jars in a dry location. Store away from direct contact with the ground or concrete. Protect from weather and other possible damage. Store between 50° F and 90° F. Minimum shelf life is 6months from date of manufacture when properly stored in unopened and unmixed.

CLEANING:

Clean with warm soapy water immediately after use. Once dried, material will require mechanical means for removal. WARRANTY: Materials are guaranteed with respect to uniformity and quality within manufacturer's specifications.

WARRANTY DISCLAIMER:

There are no warranties which extend beyond the description of the fact hereof. Seller expressly disclaims all other warranties regarding the use of its products, whether expressed or implied, including the implied warranties of merchantability and for fitness of a particular purpose. Since use of the product is beyond the Seller's control, the Buyer assumes all risk of use. **EXCLUSIVE REMEDY:** Seller's sole obligation, and buyer's exclusive remedy shall be to replace material if found to be defective. **DAMAGE LIMITATION:** Seller shall not be liable for any damages, injury, loss, direct or consequential, resulting from its products. The parties intend that the limitation of damages, including consequential damages, applies even if the exclusive remedy provided for herein fails of its essential purpose. **FOR PROFESSIONAL USE ONLY:** Multicoat products should be used by licensed contractors. Multicoat is not a contractor and the contractor remains liable for all damages and inadequate product performance caused by construction means, methods, sequences and techniques that are used to install the product which may include: design and construction of the substrate and the selection and installation of all sealants, flashings, and related components.

TEST DATA - MICRO TOPPING SEALER SYSTEM

Chemical Resistance

REAGENT	30 MIN.	24 HRS.
Acetic (20%)	N	N
Acetone	N	N
Ammonium Hydroxide (28%)	N	N
Battery Acid	N	N
Betadine	N	N
Brake & Hydraulic Fluid	N	N
Clorox	N	N
Gasoline	N	N
Hydrochloric (10%)	N	N
Isopropyl Alcohol (98%)	N	N
Mineral Spirits	N	N
Motor Oil	N	N
Nitric Acid (20%)	N	N
Skydrol	N	N
Sodium Hydroxide (50%)	N	N
Sodium Hypochlorite (10%)	N	N
Sulfuric Acid (50%)	N	N

N = No Attack D = Discolored F = Failed

Physical Properties

Percent Solids		52%
Recommended Wet Thickness		5 Mils
Pot Life	75° F & 50% RH	1 Hr
Recoat Time		9 Hrs
Mix Ratio	"A" to "B"	3:1
Bond Strength	ASTM D-4541	>300 psi
Liner Shrinkage	ASTM C-883	Nil
Hardness	Shore D	73
Indentation	MIL-D-3134F	No Chip
Elongation	ASTM D-638	35%
Abrasion Resistance	ASTM D-4060	33 mg loss

Actual test results may vary due to the use of various aggregates, application methods and floor finish. Results based upon lab prepared samples and results may vary if not prepared by a professional technician.

Note: Above Physical Property and Chemical Resistance data are for the Micro Clear Finish.



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