



PRODUCT DATA

MICOROX® FLOORLIFE™ DF/CP-S (Slurry)

Micorox® Floorlife™ DF/CP-S is a 100% solids multi-purpose multi-layer system that utilizes **Floorlife™ DF/CP** liquids in a manner that allows installation thickness' between 1/16" and 3/16". The versatility of this system allows it to be tailored to perform in light, dry foot traffic as well as severe chemical and abrasive conditions. **Floorlife™ DF/CP-S** conforms with the standards of USDA for use in Federally inspected meat and poultry plants.

PRODUCT DESCRIPTION

Floorlife™ DF/CP-S is a trowel applied system consisting of:

- 1) **Floorlife™ Primer:** (*General Purpose*)
or **103 Primer:** (*New Construction*)
or **Micorox® 6-75 P** (*Secondary Containment*)
- 2) **Floorlife™ DF/CP liquids.**
- 3) **20/40 Silica Aggregate.**
- 4) **Broadcast Aggregate:**
Roofing granules, aluminum oxide, garnet, steel grit, shot, and colored quartz aggregate may be substituted for 20/40 silica.
- 5) **Micorox® 1882 Sealer, HTX Sealer or Decorative liquids** may be used as final sealer coats for **Floorlife™ DF/CP-S**.

APPLICATIONS:

Floorlife™ DF/CP-S bonds to most existing surfaces. Substrate must be exposed by acid etching, shot-blasting or other mechanical means for a secure bonding. Ideal for restoration of old surfaces and protecting new floors.

The resin rich **Floorlife™ DF/CP-S** system is particularly well suited for application in secondary containment and other corrosive environments

WATERPROOFING:

Where a waterproofing membrane is required use **Micorthane® 6-75P Elastomeric Primer** per application instructions.

PHYSICAL/CHEMICAL CHARACTERISTICS

Compressive Strength . . .	14,000 psi after 7 days (ASTM C-579)
Tensile Strength	2,500 psi (ASTM C-307)
Percent Elongation	2.0% (ASTM D-638)
Flexural Strength	5,900 psi (ASTM-C-580)
Flexural Modulus of Elasticity	1.61x 10 ⁶ (ASTM D-790)
Hardness	85-90 (ASTM D-2240/Shore D Durometer)
Bond Strength	>400 psi (100% concrete failure) (ACI COMMITTEE #503/PP1139-1141)
Indentation	No indentation (MIL-D-3134F)
Abrasion Resistance	0.04 gm max. weight loss (ASTM D-4060, Taber Abrader) CS-17 wheel, 1,000 gm load, 1,000 cycles)
Flammability	Self extinguishing (ASTM D-635)Exent of burning 0.25 in. max.
Thermal Coefficient of Linear Expansion (ASTM E-831)	2.1 x 10 ⁻⁵ C°
Water Absorption	0.2% (ASTM C-413)
Heat Resistance Limitation	140° F/60° C (For continuous exposure) 200° F/93° C (For intermittent spills)
Cure Rate: Allow	6 hours for foot traffic (at 77° F/25° C) 18 hours for light traffic 24 hours for normal operations

COLORS: Available in 14 basic flooring colors.
Custom color by request.

WORKING LIFE:

Liquids Only: 8-10 minutes at 77°F
After mixing with aggregate 20 minutes at 77°F

TEMPERATURE LIMITATIONS:

During the installation and cure, surface temperatures of 60°F - 80°F are recommended. Floorlife DF-S may be applied at lower temperatures, which will affect application and curing time. Consult with Micor for details.

HARDENING AND CURE:

MICOROX® FLOORLIFE™ DF/CP-S hardens for foot traffic in 3 to 4 hours at 77° F. Complete cure may require 18 to 72 hours depending on temperature and humidity.

PACKAGING:

FLOORLIFE™DF/CP -S LIQUIDS are packaged in boxes of six (6) pre measured batches.

Each box contains:

- Six (6) containers Part A Resin
- Six (6) containers Part B Hardener

FLOORLIFE™ DF/CP-S LIQUIDS are also available in "Bulk" packages containing eight (8) batches, 42 batches, or 84 batches of liquids.

Coverage Rates (Smooth Concrete);

1/16" thickness apply slurry at 35-40 S.F./ batch.

1/8" thickness apply slurry at 25 S. F./ batch.

3/16" thickness apply slurry at 15 S.F./ batch.

PRECAUTIONS:

READ ALL CONTAINER LABELS AND MATERIAL SAFETY DATA SHEETS BEFORE USING ALL PRODUCTS. Contact with liquids Part A and B can cause irritation. Wear protective cream and/or goggles. **WEAR CHEMICAL SPLASH GOGGLES.** Use only with adequate ventilation.

COMPLEMENTARY DATA

Use **FLOORLIFE™ DF/CP-S** Installation Guide for complete installation instructions. For specific chemical resistance data call the Micor Company, Inc. at 800-284-4308.

Our full service lab and technical engineers are available to assist you. For complete information on Micorox® Products and Flooring Systems contact you local Micor 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.

SEE APPLICATIONS INSTRUCTIONS FOR ADDITIONAL INFORMATION.