

PRODUCT DATA

Epoxy Primer FX

EPOXY PRIMER FX is a two component, 100% solids epoxy resin based product designed as a flexible primer or binder for concrete, steel and other substrates. It is intended for use in areas where thermal or mechanical shock and minor substrate movement is expected. Epoxy Primer FX will penetrate and seal small cracks and function as a membrane under additional coatings or flooring materials.

FEATURES:

- Easy application
- 1 to 1 Mix Ratio
- Fills small cracks
- Low temperature brittle point
- Economical

APPLICATIONS:

Epoxy Primer FX is used for a variety of industrial and commercial applications, particularly where exposed to shock or substrate movement. Common application areas include:

- Concrete floors
- Secondary containment areas
- Warehouses
- Industrial facilities
- Paper mills
- Food processing plants
- Mechanical rooms

PACKAGING:

2 gallon units
Parts A and B are packaged in individual plastic jugs.
10 gallon units available on special order.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Tensile Strength:	500 psi
Tensile Elongation:	110%
Compressive Strength:	7,600 psi
Tensile Bond Strength:	350 psi
Viscosity:	500-800 CPS Mixed
Set Time:	5-8 hours at 70°F
Color:	clear (grey and red available)

COVERAGE:

- Approx. 80-100 square feet per gallon on concrete (depending on porosity and application thickness)
- Approx. 200-250 square feet per gallon on steel (depending on porosity and application thickness)

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PREPARATION: (See SDS Before Using) Cracks and voids must be clean and free of loose material, dust, grease, oil, grout, or other contaminants. Chip or rout out cracks that are hard to clean. Notch or V cracks for maximum performance. Seal the bottoms of cracks through the slab, or where the sealer will leak through, with a polyurethane rope. Concrete should be clean, dry and rough for best performance.

MIXING: Mix Epoxy Primer FX by combining one part hardener with one part resin. Use a paddle or low speed drill-stirrer to mix the material. Mix the two components together thoroughly for two to three minutes to a uniform color and consistency.

APPLICATION: When used as a primer, pour the material out on the floor in lines and join with a notched squeegee. Then, back roll to achieve a uniform 16-20 mil coating. Material is ready for top coating in 5-8 hours depending upon the temperature of the air and floor.

When used as a base for a flexible floor coating, apply the material as above and then broadcast with sand. The sand may also be added to the mixed liquids and applied as a slurry, then broadcast dry.

Flooring prepared with Epoxy Primer FX should be sealed with Stratarock's Epoxy Sealer to improve chemical resistance and wear.

TEMPERATURE LIMITATIONS: During installation and cure, maintain surface temperatures between 60°F and 80°F. Lower temperatures will affect cure time.

POT LIFE: Mixed components have a pot life of approximately 25-30 minutes at 70°F. Mix only as much material as can be applied in this time.

CLEANUP: Clean tools immediately with hot soapy water or with solvents such as Xylene or MEK. See the SDS sheet for safety information.

STORAGE AND SHELF LIFE: Materials should be stored at room temperature (75°F). Stored at room temperature in unopened original containers, materials have a 1 year shelf life.

PRECAUTIONS: READ AND UNDERSTAND ALL CONTAINER LABELS AND SAFETY DATA SHEET (SDS) before using any product. Epoxy Primer FX is intended for industrial and commercial use only and is hazardous. Prolonged contact with skin can cause irritation. Wear protective clothing and chemical splash goggles to avoid eye contact. Use only with adequate ventilation. **NEVER RECAP A CONTAINER OF MIXED COMPONENTS** as the continuing reaction may cause an explosion.

ADDITIONAL INFORMATION: For complete safety information refer to the material SDS. For additional information, contact us at 888-809-2365.

LIMITED WARRANTY: Product manufacturer warrants that the products are in conformance to the formulation standards of manufacturer and that such products are free from manufacturing defects. Purchaser's only remedy is replacement of the product. Manufacturer does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Manufacturer 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 Manufacturer's part. Manufacturer neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Manufacturer's products. This warranty shall not apply to any of Manufacturer's products which have been subject to alteration, abuse or misuse. Manufacturer makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Manufacturer which are used in connection with its products. The purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: Always keep out of the reach of children.

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