



TECHNICAL DATA SHEET

CFS-FREEZER EPOXY

MORTAR KIT

PRODUCT DESCRIPTION: CFS-Freezer Epoxy Mortar Kit is a three component 100% solids epoxy mortar designed for applications where temperatures are as low as minus 10 degrees F.

RECOMMENDED FOR: Recommended for cold storage areas, freezers, or general cold temperature patching.

NOT RECOMMENDED FOR: Immersion applications for acids and chemicals

<p>SOLIDS BY WEIGHT: 100%</p> <p>VOLATILE ORGANIC CONTENT: Zero pounds per gallon</p> <p>AVAILABLE COLORS: Natural unpigmented, light gray, red.</p> <p>RECOMMENDED FILM THICKNESS: 1/8"-4"</p> <p>COVERAGE PER KIT: 5.98 sq.ft. @ 1/4" - 11.96 sq.ft. @ 1/8"</p> <p>PACKAGING INFORMATION: *KIT=2.0# for part A, 0.90# for part B, and 13# aggregate. (Larger kit sizes are not available due to short pot life, all weights are approximate.)</p> <p>MIX RATIO: .21 gallons part A to .10 gallons part B plus #13 aggregate.</p> <p>SHELF LIFE: 2 years in unopened containers</p> <p>ABRASION RESISTANCE: Excellent</p> <p>VISCOSITY: Part A 900-1000 cps, part B 200 cps maximum</p> <p>DOT CLASSIFICATIONS: Part A&C "Not Regulated" Part B (CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII)</p> <p>FLEXURAL STRENGTH: 15,000 psi @ ASTM D790</p> <p>COMPRESSIVE STRENGTH: 11,000 psi @ ASTM D695</p> <p>TENSILE STRENGTH: 8,900 psi @ ASTM D638</p> <p>ULTIMATE ELONGATION: 3.4%</p> <p>IMPACT RESISTANCE: Excellent</p> <p>HEAT DEFLECTION TEMP: 56 degrees F @ ASTM D648</p>	<p>WEATHERING: Good (chalks)</p> <p>PRIMER: None required</p> <p>TOP COAT: None required</p> <p>CURE SCHEDULE: (70 Degrees F)</p> <table> <tr> <td>Pot life - 1 1/2 gallon volume</td><td>2-4 minutes</td></tr> <tr> <td>Recoat or Topcoat</td><td>1-2 hours</td></tr> <tr> <td>Light foot traffic</td><td>2-4 hours</td></tr> <tr> <td>Full cure (heavy traffic)</td><td>1-3 days</td></tr> <tr> <td>Traffic Serviceable</td><td>12 hours at 30 degrees F</td></tr> </table> <p>APPLICATION TEMPERATURE: 10-40 degrees F</p> <p>CHEMICAL RESISTANCE:</p> <table> <tr> <th>REAGENT</th><th>RATING</th></tr> <tr> <td>Xylene</td><td>C</td></tr> <tr> <td>1,1,1 trichloroethane</td><td>C</td></tr> <tr> <td>MEK</td><td>A</td></tr> <tr> <td>Methanol</td><td>A</td></tr> <tr> <td>Ethyl alcohol</td><td>C</td></tr> <tr> <td>Skydrol</td><td>A</td></tr> <tr> <td>10% sodium hydroxide</td><td>D</td></tr> <tr> <td>50% sodium hydroxide</td><td>D</td></tr> <tr> <td>10% sulfuric acid</td><td>C</td></tr> <tr> <td>70% sulfuric acid</td><td>A</td></tr> <tr> <td>10% HCl (aq)</td><td>C</td></tr> <tr> <td>5% acetic acid</td><td>B</td></tr> </table> <p>Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.</p>	Pot life - 1 1/2 gallon volume	2-4 minutes	Recoat or Topcoat	1-2 hours	Light foot traffic	2-4 hours	Full cure (heavy traffic)	1-3 days	Traffic Serviceable	12 hours at 30 degrees F	REAGENT	RATING	Xylene	C	1,1,1 trichloroethane	C	MEK	A	Methanol	A	Ethyl alcohol	C	Skydrol	A	10% sodium hydroxide	D	50% sodium hydroxide	D	10% sulfuric acid	C	70% sulfuric acid	A	10% HCl (aq)	C	5% acetic acid	B
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<p>LIMITATIONS:</p> <ul style="list-style-type: none"> *Color stability or gloss may be affected by environmental conditions such as high humidity or chemical exposure. *Product is not UV color stable and may discolor if exposed to lighting such as sodium vapor lights. *Colors may vary from batch to batch due to variations in the silica filler. *Substrates must be dry and free of ice. *All new concrete must be cured for at least 30 days prior to application. *Test data based on neat resin. *Physical properties are typical values and not specifications. *WARNING! This product has a very short pot life, mix only an amount of material that can be used in the prescribed pot life. Work must be performed in a quick and organized manner. 																																					