



TECHNICAL DATA SHEET

CFS-EPOXY PASTE

PRODUCT DESCRIPTION: CFS-Epoxy Paste is a gray, two component 100% solids epoxy patching material designed for shallow vertical repairs +/- 3/8" or thicker horizontal repairs +/- 2" thickness. This product has a non-critical mix ratio. Can be mixed on cardboard using a paint stirring stick, 1:1 ratio. Place equal amounts on cardboard, mix until consistent, apply to repair area and can coat over it immediately, even before the material sets.

RECOMMENDED FOR: Recommended for repairing defects in concrete or masonry.

<p>SOLIDS BY WEIGHT: 100%</p> <p>SOLIDS BY VOLUME: 100%</p> <p>VOLATILE ORGANIC CONTENT: Less than 11g/l</p> <p>COLORS AVAILABLE: Gray (when mixed)</p> <p>RECOMMENDED THICKNESS: up to 2" horizontal repairs / 3/8" vertical repairs.</p> <p>PACKAGING INFORMATION: 1/2 gallon, 1 gallon</p> <p>MIX RATIO: 1 part A to 1 part B (by volume)</p> <p>SHELF LIFE: 6 months in unopened containers</p> <p>ABRASION RESISTANCE: Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 36 mg loss</p> <p>FLEXURAL STRENGTH: 7,500 psi @ ASTM D790</p> <p>COMPRESSIVE STRENGTH: 8,710 psi @ ASTM D695</p> <p>ADHESION: 350 psi @ elcometer (concrete failure, no delamination)</p> <p>VISCOSITY: Mixed = > 3,100,000 cps (typical)</p> <p>DOT CLASSIFICATIONS: Part A "not regulated" Part B "not regulated"</p> <p>TENSILE STRENGTH: 6,256 psi @ ASTM D638</p> <p>ULTIMATE ELONGATION: 2.4%</p> <p>GARDNER VARIABLE IMPACTOR: 50 in. lb. direct - passed</p> <p>HARDNESS: Shore D = 65</p> <p>HEAT DEFLECTION TEMP: 59 degrees C / 138 degrees F</p>	<p>CURE SCHEDULE: (70 DEGREES F)</p> <table style="width: 100%; border: none;"> <tr> <td>Pot life - gallon volume</td> <td style="text-align: right;">1-3 hours</td> </tr> <tr> <td>Tack free (dry to touch)</td> <td style="text-align: right;">5-10 hours</td> </tr> <tr> <td>Recoat or topcoat</td> <td style="text-align: right;">immediately after application</td> </tr> <tr> <td>Light foot traffic</td> <td style="text-align: right;">10-24 hours</td> </tr> <tr> <td>Full cure (heavy traffic)</td> <td style="text-align: right;">2-7 days</td> </tr> </table> <p>APPLICATION TEMPERATURE: 60-90 degrees F</p> <p style="text-align: center;">CHEMICAL RESISTANCE:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">REAGENT</th> <th style="text-align: left;">RATING</th> </tr> </thead> <tbody> <tr><td>Butanol</td><td>C</td></tr> <tr><td>Xylene</td><td>B</td></tr> <tr><td>1,1,1 trichloroethane</td><td>A</td></tr> <tr><td>Mek</td><td>A</td></tr> <tr><td>Methanol</td><td>A</td></tr> <tr><td>Ethyl alcohol</td><td>A</td></tr> <tr><td>Skydrol</td><td>B</td></tr> <tr><td>10% sodium hydroxide</td><td>E</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>A</td></tr> </tbody> </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> <p>PRIMER: N/A</p> <p>TOP COAT: Optional: this product can be over coated immediately after placement.</p>	Pot life - gallon volume	1-3 hours	Tack free (dry to touch)	5-10 hours	Recoat or topcoat	immediately after application	Light foot traffic	10-24 hours	Full cure (heavy traffic)	2-7 days	REAGENT	RATING	Butanol	C	Xylene	B	1,1,1 trichloroethane	A	Mek	A	Methanol	A	Ethyl alcohol	A	Skydrol	B	10% sodium hydroxide	E	50% sodium hydroxide	D	10% sulfuric acid	C	70% sulfuric acid	A	10% HCl (aq)	C	5% acetic acid	A
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- *Color stability or gloss may be affected by environmental conditions such as high humidity, chemical exposure, or exposure to lighting such as sodium vapor lights.
- *Colors may vary from batch to batch.
- *This product is not UV color stable and may discolor when exposed to UV light sources.
- *Substrate temperature must be 5 degrees F above dew point.
- *All new concrete must be cured for at least 30 days prior to application.
- *Epoxy products can be placed directly over the uncured epoxy paste immediately after the material is applied.
- *Clean up with acetone or suitable solvent.