



TECHNICAL DATA SHEET

CFS-EPOXY COVE MORTAR

PRODUCT DESCRIPTION: CFS-Epoxy Cove Mortar is a three component 100% solids epoxy mortar designed for cove based surface applications. This product has specially selected aggregate and ingredients, to provide easy construction of cove bases with the use of a marginal trowel or other cove based application tools.

RECOMMENDED FOR: Recommended for any type of cove base applications.

NOT RECOMMENDED FOR: Immersion application for all acids and chemicals.

<p>SOLIDS BY WEIGHT: 100%</p> <p>VOLATILE ORGANIC CONTENT: Less than 1 g/l</p> <p>STANDARD COLOR: Natural</p> <p>RECOMMENDED THICKNESS: As needed to form the cove base with a 1/8" minimum</p> <p>COVERAGE PER UNIT: Depends on style or type of cove base applies</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">PACKAGING</td> <td style="width: 50%;">CUBIC FEET</td> </tr> <tr> <td>1/2 unit</td> <td>.125 (approx.)</td> </tr> <tr> <td>Unit</td> <td>.25 (approx.)</td> </tr> </table> <p>*UNIT = 4.25# part A, 1.9# part B, 26.5# aggregate. (weights are approximate)</p> <p>MIX RATIO: *.45 gallons part A to .23 gallons part B plus 26.5# aggregate (weights are approximate)</p> <p>SHELF LIFE: 1 year in unopened containers</p> <p>FLEXURAL STRENGTH: 15,000 psi @ ASTM D790</p> <p>COMPRESSIVE STRENGTH: 14,575 psi @ ASTM D695</p> <p>TENSILE STRENGTH: 9,200 psi @ ASTM D638</p> <p>ULTIMATE ELONGATION: 3.1%</p> <p>IMPACT RESISTANCE: Excellent</p> <p>ABRASION RESISTANCE: Excellent</p> <p>HEAT DEFLECTION TEMP: 62.25 degrees C @ ASTM D648</p> <p>WEATHERING: Good (chalks)</p> <p>VISCOSITY: Part A = 2,200-2,700 cps, part B = 200-300 cps</p>	PACKAGING	CUBIC FEET	1/2 unit	.125 (approx.)	Unit	.25 (approx.)	<p>DOT CLASSIFICATIONS: Part A&C "not regulated" Part B "CORROSIVE LIQUID N.O.S., 8, UN1760, PGIII"</p> <p>CURE SCHEDULE: (70 DEGREES F)</p> <table style="width: 100%; border: none;"> <tr> <td>Pot life - .25 cu. ft. mix</td> <td>25-35 minutes</td> </tr> <tr> <td>Recoat or topcoat</td> <td>6-10 hours</td> </tr> <tr> <td>Light foot traffic</td> <td>8-10 hours</td> </tr> <tr> <td>Full cure (heavy traffic)</td> <td>2-7 days</td> </tr> </table> <p>APPLICATION TEMPERATURE: 50-90 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>Xylene</td><td>C</td></tr> <tr><td>1,1,1 trichloroethane</td><td>B</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>B</td></tr> <tr><td>10% sodium hydroxide</td><td>E</td></tr> <tr><td>50% sodium hydroxide</td><td>E</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> </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: None required</p> <p>TOPCOAT: None required</p>	Pot life - .25 cu. ft. mix	25-35 minutes	Recoat or topcoat	6-10 hours	Light foot traffic	8-10 hours	Full cure (heavy traffic)	2-7 days	REAGENT	RATING	Xylene	C	1,1,1 trichloroethane	B	MEK	A	Methanol	A	Ethyl alcohol	C	Skydrol	B	10% sodium hydroxide	E	50% sodium hydroxide	E	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 may be affected by environmental conditions such as high humidity or chemical exposure, as well as UV exposure. *Colors may vary from batch to batch due to variations in the silica filler. *Mortar colors are not from our standard color chart. *Substrate temperature must be 5 degrees F above dew point. *For chemical exposure areas, we recommend a suitable topcoat to reduce porosity and chemical migration. *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. 																																									

