



TECHNICAL DATA SHEET

CFS-EPOXY GROUT COAT

PRODUCT DESCRIPTION: CFS-Epoxy Grout Coat is a two component 100% solids clear epoxy that can be used as a grout coat during concrete polishing or for filling minor surface defects/holes +/- 1" in size prior to epoxy flooring installation.

<p>SOLIDS BY WEIGHT: 100% (+/- 1%) SOLIDS BY VOLUME: 100% (+/- 1%) VOLATILE ORGANIC CONTENT: Less than 2 g/l COLORS AVAILABLE: Clear - Gardner color 1-2 RECOMMENDED FILM THICKNESS: 10-18 mils COVERAGE PER GALLON: Up to 1500 sq. ft. per gallon depending on the texture of the floor. Recommended to apply after 80 grit grind during polishing. PACKAGING INFORMATION: 1/ ½ gallon includes ½ pint accelerator 3 gallon includes 1 pint accelerator MIX RATIO: 2:1 Ratio/2 Parts A - 1 Part B SHELF LIFE: 1 year in unopened containers for epoxy/6 months accelerator FINISH CHARACTERISTICS: Gloss (>80 at 60 degrees @ glossmeter) FLEXURAL STRENGTH: 8,300 psi @ ASTM D790 ABRASION RESISTANCE: Taber abrasor CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 18 mg loss ADHESION: 350 psi @ elcometer (concrete failure, no delamination) VISCOSITY: Mixed= 500-700 cps (typical) DOT CLASSIFICATIONS: Part A "not regulated" Part B "AMINES, LIQUID, CORROSIVE, N.O.S., 8, UN2735, PGIII" HARDNESS: Shore D= 80 COMPRESSIVE STRENGTH: 10,500 psi @ ASTM D695- 1/2" x 1/2" bars TENSILE STRENGTH: 6,300 psi @ ASTM D638 ULTIMATE ELONGATION: 3.1%</p>	<p>GARDNER VARIABLE IMPACTOR: 50 inch pounds direct- passed CURE SCHEDULE (70 DEGREES F): Pot life (150 gram mass) 15-20 minutes pot life (1 1/2 gallon volume) 5-15 minutes tack free (dry to touch) 2.5-3.5 hours Grind Capability 3-6 hours Full Cure 2-5 days APPLICATION TEMPERATURE: 50-90 degrees F with relative humidity below 85% for best results. CHEMICAL RESISTANCE:</p> <table border="1"> <thead> <tr> <th>REAGENT</th> <th>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>B</td></tr> <tr><td>MEK</td><td>A</td></tr> <tr><td>ethyl alcohol</td><td>B</td></tr> <tr><td>skydrol</td><td>C</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>D</td></tr> <tr><td>70% sulfuric acid</td><td>B</td></tr> <tr><td>10% HC1 (aq)</td><td>C</td></tr> <tr><td>5% acetic acid</td><td>C</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. PRIMER: N/A TOPCOAT: N/A</p>	REAGENT	RATING	butanol	C	xylene	B	1,1,1 trichloroethane	B	MEK	A	ethyl alcohol	B	skydrol	C	10% sodium hydroxide	E	50% sodium hydroxide	E	10% sulfuric acid	D	70% sulfuric acid	B	10% HC1 (aq)	C	5% acetic acid	C
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<p>LIMITATIONS:</p> <ul style="list-style-type: none"> *Intended for interior use only. *Substrate must be completely dry before applying a grout coat. *Color stability or gloss may be affected by environmental conditions such as high humidity, chemical exposure or certain types of lighting such as sodium vapor lights. *This product is NOT UV color stable. *Substrate temperatures must be 5°F above dew point. *For best results, apply with 24" Round Edge Smoother Blade. *All new concrete must be cured for at least 30 days prior to application. *Physical properties are typical values and not specifications. *Product may slightly darken the substrate. 																											