



TECHNICAL DATA SHEET

CFS-CLEAR PRIME

PRODUCT DESCRIPTION: CFS-Clear Prime is a two component 96% solids epoxy that can be used as a primer with the CFS-1C Polyaspartic.

<p>SOLIDS BY WEIGHT: 96.5%</p> <p>SOLIDS BY VOLUME: 96%</p> <p>VOLATILE ORGANIC CONTENT: Less than 35 g/l</p> <p>STANDARD COLORS: Clear - gardner color 1-2</p> <p>RECOMMENDED FILM THICKNESS: +/- 10 mils</p> <p>COVERAGE PER GALLON: +/- 166 sq. ft. per gallon @ 10 mils</p> <p>PACKAGING INFORMATION: 1 quart, 3/4 gallon, 1 gallon, 1 1/2 gallon, 3 gallon, 4 1/2 gallon</p> <p>MIX RATIO: 8.95 pounds part A (.99 gallons) to 4.15 pounds part B (.49 gallons) (volumes approx.)</p> <p>SHELF LIFE: 1 year in unopened containers</p> <p>FINISH CHARACTERISTICS: Gloss (60-90 @ 60 degrees at glossmeter)</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: 7,400 psi @ ASTM D790</p> <p>COMPRESSIVE STRENGTH: 11,200 psi @ ASTM D695</p> <p>ADHESION: 350 psi @ elcometer (concrete failure, no delamination)</p> <p>VISCOSITY: Mixed = 300-600 cps (typical)</p> <p>DOT CLASSIFICATIONS: Part A "not regulated" Part B "CORROSIVE LIQUID N.O.S., 8, UN11760, PGIII"</p> <p>TENSILE STRENGTH: 7,600 psi @ ASTM D638</p> <p>ULTIMATE ELONGATION: 4.1%</p> <p>GARDNER VARIABLE IMPACTOR: 50 inch pounds direct - passed</p>	<p>HARDNESS: Shore D = 81</p> <p>TOPCOAT: CFS-1C Polyaspartic or CFS-Intermediate/Top Coat</p> <p>CURE SCHEDULE: (70 DEGREES F)</p> <table style="width: 100%; border: none;"> <tr> <td>Pot life - 1 1/2 gallon volume</td> <td style="text-align: right;">35-55 minutes</td> </tr> <tr> <td>Tack free (dry to touch)</td> <td style="text-align: right;">6-8 hours</td> </tr> <tr> <td>Recoat or topcoat</td> <td style="text-align: right;">10-16 hours</td> </tr> <tr> <td>Light foot traffic</td> <td style="text-align: right;">14-18 hours</td> </tr> <tr> <td>Full cure (heavy traffic)</td> <td style="text-align: right;">2-7 days</td> </tr> </table> <p>APPLICATION TEMPERATURE: 55-90 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>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>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> </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>	Pot life - 1 1/2 gallon volume	35-55 minutes	Tack free (dry to touch)	6-8 hours	Recoat or topcoat	10-16 hours	Light foot traffic	14-18 hours	Full cure (heavy traffic)	2-7 days	REAGENT	RATING	Butanol	C	Xylene	C	1,1,1 trichloroethane	B	MEK	A	Methanol	A	Ethyl alcohol	C	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	B
Pot life - 1 1/2 gallon volume	35-55 minutes																																						
Tack free (dry to touch)	6-8 hours																																						
Recoat or topcoat	10-16 hours																																						
Light foot traffic	14-18 hours																																						
Full cure (heavy traffic)	2-7 days																																						
REAGENT	RATING																																						
Butanol	C																																						
Xylene	C																																						
1,1,1 trichloroethane	B																																						
MEK	A																																						
Methanol	A																																						
Ethyl alcohol	C																																						
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	B																																						

LIMITATIONS:

- *This product is not UV color stable.
- *Substrate temperature must be 5 degrees F above dew point.
- *All concrete must be cured for at least 30 days prior to application.
- *For best results apply with a squeegee and back roll with 1/4 inch nap roller.