



# TECHNICAL DATA SHEET

## CFS-FAST SET JOINT FILLER

**PRODUCT DESCRIPTION:** CFS-Fast Set Joint Filler is a two component 100% solids polymer system designed for applications where resilient joint material is needed. The two component material is amber color. This material was developed for plural component guns.

**RECOMMENDED FOR:** Recommended for concrete/cement expansion joints in general industry.

**NOT RECOMMENDED FOR:** Not recommended for application for all acids and chemicals.

<p><b>SOLIDS BY WEIGHT:</b> 100%</p> <p><b>VOLATILE ORGANIC CONTENT:</b> Less than 1 g/l</p> <p><b>COLORS AVAILABLE:</b> Both part A and B are amber</p> <p><b>RECOMMENDED THICKNESS:</b> 1/2" to 1 1/2"</p> <p><b>COVERAGE PER TUBE SET:</b> Approx. 22 lineal feet per tube set @ 3/8" by 3/8" joint</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><b>PACKAGING</b></td> <td style="width: 50%;"><b>CUBIC FEET</b></td> </tr> <tr> <td>Tube sets</td> <td>600MI</td> </tr> </table> <p><b>MIX RATIO:</b> 1:1 by volume</p> <p><b>SHELF LIFE:</b> 6 months in unopened containers properly stored at normal room temperature (mix before use)</p> <p><b>HARDNESS:</b> 40-45 Shore D</p> <p><b>COMPRESSIVE STRENGTH:</b> 2,300 psi</p> <p><b>TENSILE STRENGTH:</b> 1,984 psi</p> <p><b>ELONGATION AT BREAK:</b> 100%</p> <p><b>IMPACT RESISTANCE:</b> Excellent</p> <p><b>ABRASION RESISTANCE:</b> Taber abraser CS-17 calibrase wheel with 1000 gram total load and 1000 revolutions = 18.2 mg loss</p> <p><b>ADHESION:</b> 410 psi (elcometer) - no delamination/concrete failure)</p> <p><b>DOT CLASSIFICATION:</b> Part A "not regulated" Part B "not regulated"</p> <p><b>VISCOSITY:</b> Mixed = 1,200 cps - 1,400 cps typical</p>	<b>PACKAGING</b>	<b>CUBIC FEET</b>	Tube sets	600MI	<p><b>CURE SCHEDULE: (70 DEGREES F)</b></p> <table style="width: 100%; border: none;"> <tr> <td>Pot life</td> <td>1-2 minutes</td> </tr> <tr> <td>Recoat or topcoat</td> <td>1 hour</td> </tr> <tr> <td>Light foot traffic</td> <td>1-3 hours</td> </tr> <tr> <td>Full cure (heavy traffic)</td> <td>3-5 days</td> </tr> </table> <p><b>APPLICATION TEMPERATURE:</b> 40-90 degrees F</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>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>D</td></tr> <tr><td>50% sodium hydroxide</td><td>D</td></tr> <tr><td>10% sulfuric acid</td><td>B</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><b>PRIMER:</b> None required</p> <p><b>TOPCOAT:</b> None required - many epoxies and urethane are compatible</p>	Pot life	1-2 minutes	Recoat or topcoat	1 hour	Light foot traffic	1-3 hours	Full cure (heavy traffic)	3-5 days	REAGENT	RATING	Xylene	C	1,1,1 trichloroethane	B	Methanol	A	Ethyl alcohol	C	Skydrol	B	10% sodium hydroxide	D	50% sodium hydroxide	D	10% sulfuric acid	B	70% sulfuric acid	A	10% HCl (aq)	C	5% acetic acid	B
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<p><b>LIMITATIONS:</b></p> <ul style="list-style-type: none"> <li>*Color stability may be affected by environmental conditions such as high humidity, chemical exposure or exposure to certain types of light such as sodium vapor lighting.</li> <li>*Substrate temperature must be 5 degrees F above dew point.</li> <li>*All new concrete must be cured for at least 30 days prior to application.</li> <li>*This product must be mixed well.</li> <li>*Apply sample installation at an off-sight location before using material in a commercial setting to become familiar with material limitations.</li> <li>*Product is not UV color stable.</li> <li>*Test data based on neat resin</li> <li>*Physical properties are typical values and not specifications.</li> </ul>																																					