



COMPONENT DATA SHEET



EMBE® Crack Filler

Description

EMBE® CRACK FILLER is a 2-part, rapid curing, high solids epoxy. The components of EMBE® CRACK FILLER are mixed in a 1:1 ratio.

Typical Uses

- Filling cracks and non-moving construction joints

Features

- Resistant to most chemicals
- No primers required

Limitations

- Substrate must be between 50°F and 90°F (10°C and 32°C)
- Surface area of crack must be clean and dry
- Store material in a cool, dry area 10°C to 32°C (50°F to 90°F) away from direct sunlight, flame or other hazards

Physical Properties

•Tensile Strength (ASTM D638)	2000 psi (6.14Mpa)
•Tensile Elongation (ASTM D638)	50%
•Impact Resistance Gardner Direct	160 in/lb
Gardner Reverse)	80 in/lb
•Bond Strength to PCC (AASHTOT 237)	<3 Mpa
•Hardness, Shore D (ASTM D2240)	65-70
•Taber Abrasion (ASTM D4060, CS-17 wheels)	0.5g loss, @room temp.
(ASTM E840)	0.3g loss, @150°C (66°F)
•Gel Time	15-20 minutes

Chemical Resistance

Testing in accordance with ASTM-D-1308 spot test procedure indicates that EMBE® Crack Filler is unaffected by the following reagents:

Automotive Fluids:	
• Grease	• Gasoline
• Motor Oil	• Heptane
• Transmission Oil	• Hexane
• Anti-freeze	

Solvents	
• Acetone	• Trichloroethylene
• Methyl Ethyl Ketone	• Cellosolve Solvent
• Denatured Alcohol	• Toluene
• Butyl Alcohol	• Xylene
• Butyl Acetate	• Mineral Spirits
• Carbon Tetrachloride	

Organic Acids	
• Acetic 10%	• Gluconic 40%
• Citric 20%	• Tartaric 40%
• Lactic 40%	

Inorganic Acids	
• Chromic 20%	• Hydrofluoric 20%
• Hydrochloric 30%	• Phosphoric 50%
• Nitric 40%	

Inorganic Salts:	
• Calcium Chloride, 20%	• Sodium Phosphate, 20%
• Ammonium Chloride, 20%	• Sodium Sulfate, 20%
• Sodium Chloride, 20%	• Magnesium Sulfate, 20%
• Sodium Carbonate, 20%	

Safety Precautions

Please refer to product Safety Data Sheet.

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Page 1 of 1