COMPONENT DATA SHEET

# KELMAR® Crack Filler

## Description

KELMAR® CRACK FILLER is a 2-part, rapid curing, high solids epoxy. The components of KELMAR® 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 |
| •VOC Content | 200 g/l less water (calculated) |

### Chemical Resistance

Testing in accordance with ASTM-D-1308 spot test procedure indicates that KELMAR® 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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