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TECHNICAL DATA SHEET- EPOXY CRACK REPAIR

DESCRIPTION AND USE

A technologically advanced, semi-rigid, solvent free, moisture insensitive, gel epoxy crack filler/repair material. It meets ASTM-C-881 Grade 2, Classes B & C. It also meets USDA specifications for use in food processing areas.

USE

Filling and sealing horizontal non-moving cracks and saw cut control joints; flexible, low modulus adhesive.

APPEARANCE

Component A – Gray
Component B – Dark amber

SHELF LIFE & STORAGE

2 years in original, unopened container. Store between 40-90°F. Precondition the material to 65-85°F before using.

POT LIFE

(60g mass): 30 min @ 77°F

CURE TIME

At 75°F initial cure 3-6 hours depending on crack size. The final cure is 24 hours.

APPLICATION

SURFACE PREPARATION: Surface must be clean and sound; dry or damp, but free of standing water. Remove surface contaminants i.e., dust, grease, curing compounds, waxes, foreign particles and disintegrated materials.

Use low pressure application equipment (caulking style gun) to place epoxy into cracks or joints. A grinder can be used on the epoxy after it has fully cured.

LIMITATIONS

- Minimum substrate temperature 40°F
- For best result use when substrate is between 65-85 °F
- EPOXY CRACK REPAIR is a vapor barrier after curing.
- Minimum age of concrete must be 5-7 days.
- Not for sealing cracks under hydrostatic pressure.
- Not for use in moving cracks or expansion joints.

COVERAGE

22oz / 600ml cartridge yields 37 cu. In. / 600 cu. cm.

CAUTION

- Component A – Irritant
- Component B – Corrosive
- Product is a strong sensitizer.
- Use of safety goggles and chemical resistant gloves is recommended.
- Use of a NIOSH/MSHA organic vapor respirator is recommended if ventilation is inadequate.
- Avoid breathing vapors.
- Avoid skin contact.

CLEANUP

TOOLS: Uncured epoxy can be removed with methylethylketone or compatible solvent. Cured epoxy can only be removed mechanically.

HANDLING & STORAGE

Read Material Safety Data Sheets before using. Dispose of unused material in accordance with Federal, State and Local regulations. Storage temperature: (45°-85° F). Do not let Product Freeze.

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