



FLEX GUARD™-FM TECHNICAL DATA SHEET

Rev. 01-2019



**REPAIR
MATERIALS**

Description

Flex Guard™-FM flexible fiber reinforced epoxy mastic is designed to be applied to metal and concrete substrates that experience movement. With a 100-150% elongation, it is ideal for freeze/thaw and structures that experience temperature fluctuation. Also used in the STAG Crack Injection System to cap cracks.

FLEX GUARD™-FM FLEXIBLE EPOXY MASTIC

FEATURES AND BENEFITS

- Fiber reinforced
- Flexible
- Fast cure
- Memory
- 100% solids
- Vertical hang

TYPICAL USES

- Concrete and steel tanks
- Foundations
- Cracks
- Control joints
- Manufacturing plants
- Manhole chimneys

PHYSICAL PROPERTIES

Pot Life:	10 minutes
Cure Time:	2 hours at 70°F
Color:	White

SURFACE PREP

Mechanical grinding is required prior to application of Flex Guard™-FM. Use 80 grit diamonds to achieve a CSP#3 profile. When used as a mastic: Hydro Blast at 5000 psi. When used as a crack sealer: Use grinder to remove any loose concrete. Smooth edges of crack. Plow crack out with a air blower. Substrate must be free of grease, standing water and other contaminants that may impede adhesion. Always check the surface for any bond inhibitors prior to application.

MIXING

1:1 in premeasured cartridge

APPLICATION

Remove nut and plug from the cartridge. Attach static mixing tip to cartridge. Place cartridge in dispensing gun. Pull trigger on dispensing gun and burn 2 oz into a cup. As a Mastic: Apply directly to substrate. Using a putty knife, smooth to desired finish. As a crack filler: Apply epoxy

directly into crack until level with the floor. Allow to dry 2 hours before top-coating. When being used in conjunction with BGFL76: Use a putty knife spread Flex Guard-FM over the crack to cap it in epoxy leaving a 3-inch space for epoxy ports to be applied. Apply Flex Guard-FM to the outside edge of the port. No Flex Guard-FM should block the center passage of the port.

CLEAN UP

Acetone or MEK

PACKAGING

600x600 ml cartridge

SAFETY

Flex Guard-FM contains Amines that can be harmful to skin and eyes. If contact with skin or eyes rinse thoroughly with water. See SDS for full instructions. Always consult a medical physician with concerns.