

A graphic consisting of three white chevrons pointing left, followed by the text 'Fibrecrete' in a large, bold, white font, and 'Concrete Repair' in a smaller, bold, yellow font below it.

Fibrecrete

Concrete Repair



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Fibrecrete G is a hot-applied, flexible concrete repair material. It is formulated with polymer-modified resins, fiberglass, mineral fillers and high-quality aggregate. Its proprietary formula allows Fibrecrete G to remain flexible, yet strong enough to handle heavy traffic and the stresses of changing temperatures and seasons.

Fibrecrete G is designed to replace traditional cementitious repairs that are prone to failure due to their stiffness. The installed product is a load-transferring repair that has superior tensile strength and flexibility in comparison to rigid repairs. This allows Fibrecrete to accommodate limited joint and crack movement due to thermal expansion and contraction, and vibratory movements. Fibrecrete G is resistant to water intrusion and a broad range of deicing salts, bases and organic materials, making the repair a long-term solution for highway maintenance projects.

Fibrecrete G is an effective repair that can replace expensive, full-depth concrete repair programs, extending the life of concrete pavement. The long-term affordability also eliminates the need to repave to improve ride quality, allowing DOTs and other agency owners to shift paving and FDCR dollars to more urgent needs.

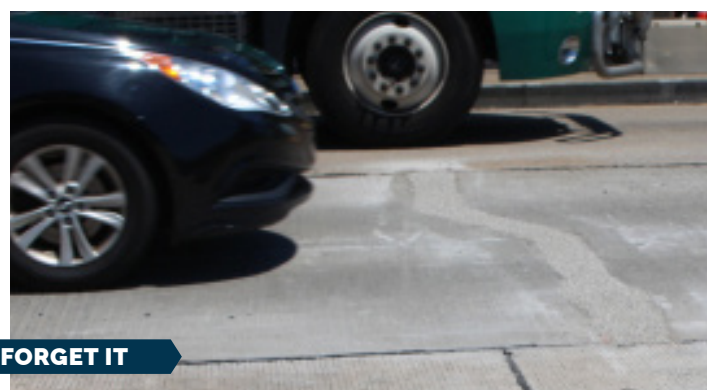
PERFORMANCE CHARACTERISTICS

- Cures in one hour or less for fast return to service
- Will cure at low temperatures
- Excellent chemical and water resistance
- Easy to use



FIBRECRETE G APPLICATION

- Mill the joint or crack with an approved milling machine to the specified width and depth. The pot hole or spall may be milled, saw cut and jack hammered, or cored and jack hammered to remove the defective areas. Clean and dry the repair surfaces a hot air lance, then treat the recessed area and vertical walls with a primer agent to promote adhesion and prevent moisture intrusion.
- Heat Fibrecrete G in a thermostatically controlled, purpose-built mixer, with a horizontal agitator that ensures complete mixing. Once the material reaches 300 to 320 °F (149 to 160 °C), pour molten Fibrecrete G into the prepared area, sealing the bottom of the repair from water intrusion.
- For repairs deeper than 1", add a layering course of bulking stone at a rate of 25% - 55% by volume with the molten Fibrecrete G to reach 3/4" below the top of the repair.
- Pour molten Fibrecrete G into the final 3/4" of the repair, screed to a level grade, and apply a high PSV aggregate to the top of the repair for proper wearing surface and skid resistance.
- Depending on the depth of the repair, Fibrecrete G will be ready for traffic return between 30 and 60 minutes.



PHYSICAL PROPERTIES - ASTM D8260

Mastic Resilience	50% minimum
Effects of Rapid Deformation	No cracking, chipping, or separation, 8 N-m, -7 °C
Crack Bridging	3 cycles, -7 °C
Mastic Stability	40.0 mm max @ 70°C
Specific Gravity	1.8 - 2.0

