

Product Evaluation

RE: Review of Fibrecrete G

PRODUCT INFORMATION

Product Name: Fibrecrete G
Website: www.fptinfrastructure.com

Manufacturer: FPT Infrastructure, Mount Airy, NC, USA
Supplier: FPT Infrastructure, Mount Airy, NC, USA

VENDOR CLAIMS AND INFORMATION

CLAIMS

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.

DESCRIPTION

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.

POTENTIAL USAGE

Fibrecrete G is an effective repair that can replace expensive, full-depth concrete repair programs, extending the life of concrete pavement. This product is also used to repair spalls, potholes, broken joints, corner breaks and most other horizontal defects in asphalt and concrete.

STANDARDS

ASTM D8260 - Standard Specification for Hot-Applied Asphalt Aggregate-Filled Mastic

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors standard specifications for Highway Maintenance: 53.10 Asphalt pavement pothole patching and 53.13 Asphalt pavement Surface Patching

RECOMMENDATIONS

Fibrecrete G be listed as a Potential Product under Transportation and Economic Corridors Products List, Pavement Patching – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveats:

1. Prior approval from Alberta Transportation and Economic corridors Pavement Engineering group is required before it is used in any Alberta Highway Projects.
2. This product shall not be used over the bridge decks.

TRIAL PROJECTS

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