

**Product Evaluation**

**RE: Review of SAMIscreed**

**PRODUCT INFORMATION**

Product Name: SAMIscreed  
Website: www.fptinfrastructure.com

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

**VENDOR CLAIMS AND INFORMATION**

**CLAIMS**

SAMIscreed is a one-part, screed-applied system, suitable for all types of bituminous applications including surfacing. Its skid resistance is designed to meet or exceed the surrounding surface. Due to its flexibility, it is less likely to crack under the stress of freeze-thaw cycles than HMA repairs and cold mixes.

**DESCRIPTION**

SAMIscreed is a hot-applied, flexible repair mastic for asphalt pavement defects. It is a highly modified asphalt binder that is premixed with small aggregate, graded filler, steel fibers and recycled tire rubber. The factory-blended mixture provides more structural integrity than traditional hot-pour crack sealers. With no application temperature restrictions, SAMIscreed can be used throughout the winter to keep roads in good condition. It cures rapidly and traffic can be reopened as soon as 30 minutes after application. It has effective sealing properties to stop ingress of water

**POTENTIAL USAGE**

SAMIscreed applications include repairing cracks larger than 1.5” wide, joint reflection where the width varies from cracking to spalling, pavement delamination where mobilizing a paving crew is too expensive, highway shoulder joint separation, transition joints, potholes, and rumble strip remediation.

**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**

SAMIscreed 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**

Rishi Adhikari

cc New Products Evaluation Group – Kristen Tappenden,  
Landon Keep, Dominique Grell, Bradley Maguire