

Product Evaluation

RE: Review of Roadmender Bitumen Pellets

PRODUCT INFORMATION

Product Name: Roadmender Bitumen Pellets
Website: Roadmenderasphalt.com/

Manufacturer: Billian UK Ltd., Sheffield, UK
Supplier: Roadmender Asphalt Alberta Ltd.
Rocky View County, AB

VENDOR CLAIMS AND INFORMATION

CLAIMS

Every ton of Roadmenders bitumen pellets has roughly 22 recycled tires. It is a great way to repurpose waste tires. Once it is heated and laid on the asphalt it does not move.

DESCRIPTION

The Roadmenders Bitumen Pellet is the glue that is in the Roadmender mastic. The Pellets are 80% Bitumen and 20% recycled tire rubber.

POTENTIAL USAGE

Roadmenders Bitumen Pellets are used as a crack sealant in road Maintenance asphalt Crack Sealing.

STANDARDS

Not Applicable

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has experience with Rubberized Crack Sealant (Hot Pour Rubberized) products.

APPLICABLE STANDARDS

Transportation and Economic Corridors specification for crack sealant is as follows:

- Standard Specification for Highway Construction 3.30 Asphalt Pavement Crack Routing and Sealing
- Standard Specification for Highway Maintenance 53.4 Asphalt Pavement Crack Sealing
- Standard Specification for Highway Maintenance 53.5 Asphalt Pavement Crack Routing and Sealing
- Standard Specification for Highway Maintenance 53.8 Asphalt Pavement Transverse Crack

RECOMMENDATIONS

Roadmender Bitumen Pellets be listed as a Potential Product under Transportation and Economic Corridors Products List, Crack Treatment – Crack Sealant – Hot Pour – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: Not to be used as Crack Routing and Sealing - Rubberized Crack Sealant (Hot Pour Rubberized) product until ASTM D6690 test report is received and reviewed

TRIAL PROJECTS

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