

Product Evaluation

RE: Review of CrafcO Mastic One Pavement Patching

PRODUCT

CrafcO Mastic One is manufactured by CrafcO located in Chandler, Arizona and distributed by Lafrentz Road Marking located in Acheson, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

CrafcO Mastic One is a flexible material; durable (supports heavy loads); waterproof, bonds to AC and PCC pavements. The CrafcO Mastic One material is hot applied, pourable, self-adhesive patching material used for the preservation, maintenance and repair of asphalt and Portland cement concrete pavements. Product Web Link: <http://www.crafcO.com/>

DESCRIPTION

CrafcO Mastic One is a hot applied, single component, pourable, aggregate filled, polymer modified asphalt mastic used for maintenance, repair and preservation of pavement and bridge surfaces.

POTENTIAL USAGE

CrafcO Mastic One is used for sealing, filling and repairing many distresses in both asphalt concrete and Portland cement concrete pavements that are larger than those typically repaired by crack or joint sealing, but smaller than repairs requiring remove and replace patching procedures. Examples of this products use are: Sealing and Filling pavement cracks or joints over 3.8 cm wide; filling potholes; leveling depressed thermal cracks; sealing and repairing longitudinal joints; skin patching; leveling manhole covers, bridge deck approaches; filling spalls, and pop outs.

STANDARDS

ASTM D5329 – Cone Penetration, ASTM D36 – Softening Point, ASTM D3111 – Flexibility

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS

The Alberta Transportation Specification 53.10, Asphalt Pavement Pothole Patching and specification 53.4 Asphalt Pavement Crack sealing.

RECOMMENDATIONS

CrafcO Mastic One be listed as a Proven Product under Alberta Transportation Products List, Asphalt Pavement Patching – Proprietary, based on the information provided.

RESTRICTIONS ON USE

Caveat – Not to be used on Bridge decks

TRIAL PROJECTS

Hwy 35 – from north of 124 avenue to new road widening north of 105 avenue – applied in 2017 by Alberta Pavement Repairs

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