

## Product Evaluation

### RE: Review of Gap MOD 201

#### **PRODUCT**

Gap MOD 201 is an asphalt crack sealant manufactured by Maxwell Products located in Salt Lake City, Utah and is distributed in Alberta by Cubex Ltd located in Calgary. Website: <https://maxwellproducts.com/>

### **VENDOR CLAIMS AND INFORMATION**

#### **CLAIMS**

Gap MOD 201 is a GAP-Mastic is a hot-applied polymer modified asphalt mixed with engineered aggregates and modifiers designed to fill wide cracks and defects to prevent water infiltration and restore ride quality.

#### **DESCRIPTION**

Gap MOD 201 must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must be capable of maintaining constant agitation to the material to keep aggregate suspended evenly. Its maximum safe heating temperature is 400°F (204°C) and recommended application temperature is 370°F (188°C).

#### **POTENTIAL USAGE**

Gap MOD 201 is designed as a permanent repair solution for wide thermal cracks, fatigue cracking, rutting and depressed broken-up areas. It is also recommended for use around solid structures in flexible pavements like manholes, gutters, and drains.

#### **STANDARDS**

ASTM D5329: Cone Penetration	ASTM D36: Softening Point
ASTM D5329: Tensile Adhesion	ASTM D5329: Resilience
ASTM D5329: Asphalt Compatibility	ASTM D3111: Flexibility

### **ALBERTA TRANSPORTATION COMMENTS**

#### **EXPERIENCE**

Alberta Transportation has experience many crack treatment products

#### **APPLICABLE STANDARDS**

The Alberta Transportation specification for crack sealant is as follows:

- Standard Specification for Highway Construction 53.10, Asphalt Pavement Pothole Patching.
- 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**

Gap MOD 201 be listed as a Potential Product under Alberta Transportation Products List, Asphalt Pavement Patching – 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 on Bridge decks

### **TRIAL PROJECTS**

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