

## Product Evaluation

### RE: Review of Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant (formerly known as NUVO 6690 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant)

#### **PRODUCT**

Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant is manufactured and distributed by Maxwell Products Incorporated located in Salt Lake City, Utah, USA.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant with the addition of IntellBond Technology, has increased flexibility, improved bond, and penetration and reduced surface tack. The Polyskin packaging is an innovative patent pending technology that uses polymers already contained in the sealant to construct the containers that they are packaged in, which can be placed directly into the melter giving quicker melting and setup times. Product Web link: <https://maxwellproducts.com/>

##### **DESCRIPTION**

Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant is a high quality, single component, hot applied joint and crack sealant formulated with the latest sealant technologies for sealing cracks in asphalt and concrete pavement surfaces. This sealant is supplied in a solid state and is self-leveling at application temperatures.

##### **POTENTIAL USAGE**

Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant shall be placed at a minimum temperature of 40<sup>0</sup> F. Application at lower temperatures may result in less adhesion due to the possible presence of excess moisture.

##### **STANDARDS**

ASTM D6690 type IV – Specification for Joint and crack Sealants, Hot Applied, for Concrete and Asphalt Pavements

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has experience with Rubberized Crack Sealant (Hot Pour Rubberized) products.

##### **APPLICABLE STANDARDS**

The Alberta Transportation specification for crack sealant is as follows:

- Standard Specification for Highway Construction 3.30 Asphalt Pavement Crack Routing and Sealing.

##### **RECOMMENDATIONS:**

List Elastoflex 71 Type IV Hot Applied, Polymer Modified Crack & Joint Sealant as a Proven Product on the Alberta Transportation Products List under Crack Treatment, Crack Routing and Sealing – Proprietary..

#### **TRIAL PROJECTS**

Hwy 64A and Hwy 682 Fairview – applied in 2012

Rishi Adhikari

cc Innovation Evaluation Group – Roger Skirrow