

Standard Guidelines for Product Review

**Crack Sealer – Polymer;**

**Section 02060.00**

March 3, 2009

02060.00 – Crack Sealer – Polymer. ODOT maintains a list of products suitable for filling cracks on concrete bridge decks. We have two categories Low Modulus and High Modulus. These are generally gravity flow products and are broomed or squeegeed into fine cracks until refusal.

**Low Mod Test Requirements:**

<u>Test</u>	<u>Test Method</u>	<u>Requirement</u>
- Viscosity (Mixed)	ASTM D2393	< 100 Centipoises
- Tensile Elongation	ASTM D638	≥ 30%
- Slant Sheer Bond Strength	ASTM C881	>1500 psi (Moist Cure)
- Flash Point	ASTM D693	> 175 Degrees F.
- Solids Content	ASTM C882	100% Minimum
- Pot Life	Not Identified	20 - 60 Minutes
- Crack Size	Not Identified	_____ to _____ Inches
- Temperature Range	Not Identified	_____ to _____ Degrees F.
- Suitable for damp substrates	Yes <input type="checkbox"/>	No <input type="checkbox"/>

**Hi Mod Test Requirements:**

<u>Test</u>	<u>Test Method</u>	<u>Requirement</u>
- Viscosity (Mixed)	ASTM D2393	< 100 Centipoises
- Tensile Elongation	ASTM D638	< 30%
- Slant Sheer Bond Strength	ASTM C881	>1500 psi (Moist Cure)
- Flash Point	ASTM D3278	> 175 Degrees F.
- Solids Content	ASTM C882	100% Minimum
- Pot Life	Not Identified	20 -60 Minutes
- Crack Size	Not Identified	_____ to _____ Inches
- Temperature Range	Not Identified	_____ to _____ Degrees F.
- Suitable for damp substrates	Yes <input type="checkbox"/>	No <input type="checkbox"/>

To apply for inclusion on the QPL, submit the following:

- [Preliminary information for Product Evaluation Form.](#)
- Independent Test Results for each of the specifications listed above.
- Current, legible copy of the MSDS.
- Spec data sheet.
- Detailed installation instructions and list of limitations and precautions.

Submit documentation to:  
Oregon DOT - Mike Dunning  
800 Airport Road SE  
Salem OR 97301-4798  
503-986-3059

**Please send no samples at this time.**

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>