**POLYQuik® EJC-50**

*Expansion Joint Compound with 50% movement capability*

**DESCRIPTION**

POLYQuik® EJC-50 is a rapid setting, 2-component, self-leveling joint sealant with excellent adhesion and durability. EJC-50 has demonstrated superior long term performance for joint sealant applications with moderate movement requirements.

**WHERE TO USE**

- Airports
- Bridge Joints
- Highways
- Parking Decks
- Sidewalks
- Any Joint with ±50% Movement

**FEATURES AND BENEFITS**

- **Rapid Cure**—as little as 1 hour return to service
- **Self-Leveling**—flows easily, completely fills joint
- **Flexible at Freezing Temperatures**
- **ASTM C920**—Type M, Grade P, Class 50
- **100% Solids, 0 VOC**—environmentally friendly
- **1:1 Ratio by Volume**—easy application

**PACKAGING**

- 20-oz. (600 mL) Cartridge
- 50-oz. (1500 mL) Cartridge
- 5-Gallon (19 Liter) Pail
- 50-Gallon (190 Liter) Drum

**COLORS**

- Black, Gray

**SHELF LIFE**

1 year when properly stored.

**STORAGE**

Store and ship this product in clean, dry, low-humidity, and shaded or covered environments between 50 and 90°F (10-32°C)

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
<th>ASTM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids Content</td>
<td>100%, SCAQMD compliant</td>
<td>D2369</td>
</tr>
<tr>
<td>Cyclic Movement Capabilities, Class 50</td>
<td>Passes 10 cycles, no loss of adhesion or cohesion</td>
<td>C719, C920 (4.1.5)</td>
</tr>
<tr>
<td>Tack-Free Time</td>
<td>30 minutes</td>
<td>C679</td>
</tr>
<tr>
<td>Concrete Adhesion, primed with POLYQuik® PolyPrime</td>
<td>≥ 25 pli (4.4 N/mm)</td>
<td>C794</td>
</tr>
<tr>
<td>Concrete Adhesion, unprimed</td>
<td>10-12 pli (1.8-2.1 N/mm)</td>
<td>C794</td>
</tr>
<tr>
<td>FastPatch Adhesion, unprimed</td>
<td>≥ 25 pli (4.4 N/mm)</td>
<td>C794</td>
</tr>
<tr>
<td>Hardness</td>
<td>25-35 Shore A</td>
<td>C661</td>
</tr>
<tr>
<td>Mix Ratio (by Volume)</td>
<td>1:1</td>
<td>-</td>
</tr>
</tbody>
</table>
APPLICATION INSTRUCTIONS

For instructions on how to handle and apply POLYQuik® EJC-50 from cartridges, please refer to POLYQuik® Cartridge Instructions.

For instructions on how to apply POLYQuik® EJC-50 from bulk containers with WVC0/Pre-Tec meters, training will be provided. If you have specific questions related to your dispensing equipment, please contact your WVC0 representative or customer support.

For joint design and installation instructions, please refer to: POLYQuik® Joint Design and Installation Guidelines

ESTIMATED COVERAGE

Coverage chart assumes appropriate backer rod placement to provide 1/8 inch (3 mm) recessed sealant fill and 1/2 inch (13mm) sealant depth for the entire joint length.

<table>
<thead>
<tr>
<th>Joint Width</th>
<th>Linear feet (meter) coverage per 20 oz (600mL) cartridge</th>
<th>Linear feet (meter) coverage per gallon (3.8 Liter)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 in (13 mm)</td>
<td>10 (3.0)</td>
<td>64 (19.5)</td>
</tr>
<tr>
<td>1.0 in (25 mm)</td>
<td>5.5 (1.7)</td>
<td>35 (10.7)</td>
</tr>
<tr>
<td>1.5 in (38 mm)</td>
<td>3.75 (1.1)</td>
<td>24 (7.3)</td>
</tr>
<tr>
<td>2.0 in (51 mm)</td>
<td>2.9 (0.9)</td>
<td>18.3 (5.6)</td>
</tr>
</tbody>
</table>

HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS, please call 800-333-9826 or send an email to: msds@wilvaco.com

DISCLAIMER OF WARRANTY

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