Silicoflex Deck Joint Seals

Nebraska Department of Roads
AASHTO Midwest Bridge Preservation Conference
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Bridge Inspection Engineer
SILICOFLEX

Bridge Deck Joint Sealing System
Silicoflex System

- Two Component Primer
- Single-Component Silicone Locking Adhesive
- Preformed Silicone Extruded Gland
### Silicoflex System - Gland

**Sizing Chart**

<table>
<thead>
<tr>
<th>Model</th>
<th>Inst. Width</th>
<th>Max Closure</th>
<th>Max Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 - 2.0 in.</td>
<td>0.5 in.</td>
<td>2.0 in.</td>
<td></td>
</tr>
<tr>
<td>(25-50 mm)</td>
<td>(13 mm)</td>
<td>(50 mm)</td>
<td></td>
</tr>
<tr>
<td>1.25 - 3.0 in.</td>
<td>0.75 in.</td>
<td>3.0 in.</td>
<td></td>
</tr>
<tr>
<td>(31-75 mm)</td>
<td>(19 mm)</td>
<td>(75 mm)</td>
<td></td>
</tr>
<tr>
<td>2.5 - 4.0 in.</td>
<td>1.0 in.</td>
<td>5.0 in.</td>
<td></td>
</tr>
<tr>
<td>(63-100 mm)</td>
<td>(25 mm)</td>
<td>(125 mm)</td>
<td></td>
</tr>
</tbody>
</table>
Silicone Locking Adhesive
Silicoflex System - Gland

10/13/2010

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Advantages of Silicoflex

• Bonds to Steel, Concrete or Elastomeric Concrete
• No Shop Drawings or Costly Fabrication
• Operating Temperature between -60°F and 450°F
• Designed Never To Be In Tension
• Inorganic, Therefore U.V./Ozone Resistant
• Rapid Installation
• Long Lasting Solution To Sealing Joints
• Maintenance Friendly
Sand Blast

Apply Primer

Clean Gland

Apply Adhesive
Install Gland

Reapply Adhesive

Support Gland

Finishing Tool
Silicoflex Testing
Silicoflex

• Versatile Joint Seal
• Simple Installation
• Durable Material
• Rapid Installation
• Long Lasting Seal
• Maintenance Friendly
Questions