Pecora Test Report
ASTM C1184 Standard Specification for Structural Silicone Sealants

Tensile Adhesion Properties of Structural Sealants
Test Method: ASTM C1135
Test Date: 11/2013

Sealant tested: 895NST-012 Black
Cleaning Solution: Isopropyl Alcohol
Cure Period: 21 days
Substrate: Anodized Aluminum
Cure Conditions: 75°F / 50%RH
Test Conditions: 5000hrs @ 75°F / 50%RH

<table>
<thead>
<tr>
<th>Specimen #</th>
<th>Comments</th>
<th>Tensile Load/Stress at Elongation</th>
<th>Ultimate Tensile Load/Stress, psi</th>
<th>Ultimate Elongation, %</th>
<th>Cohesive Failure, %</th>
<th>Length, in.</th>
<th>Edge Bite, in.</th>
<th>Actual Area, in.²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>None</td>
<td>14.0  62.2  86.6  96.7</td>
<td>108.2</td>
<td>184.9</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>2</td>
<td>None</td>
<td>10.9  60.1  85.5  95.2</td>
<td>102.9</td>
<td>160.5</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>3</td>
<td>None</td>
<td>16.5  63.9  88.1  98.0</td>
<td>116.7</td>
<td>215.9</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Average</td>
<td></td>
<td>13.8  62.1  86.7  96.6</td>
<td>109.3</td>
<td>187.1</td>
<td>100.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sealant tested: 895NST-012 Black
Cleaning Solution: Isopropyl Alcohol
Cure Period: 21 days
Substrate: Anodized Aluminum
Cure Conditions: 75°F / 50%RH
Test Conditions: 5000hrs Weathering (QUV Exposure)

<table>
<thead>
<tr>
<th>Specimen #</th>
<th>Comments</th>
<th>Tensile Load/Stress at Elongation</th>
<th>Ultimate Tensile Load/Stress, psi</th>
<th>Ultimate Elongation, %</th>
<th>Cohesive Failure, %</th>
<th>Length, in.</th>
<th>Edge Bite, in.</th>
<th>Actual Area, in.²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>None</td>
<td>15.3  60.0  81.8  91.0</td>
<td>109.4</td>
<td>213.1</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>2</td>
<td>None</td>
<td>16.6  59.5  81.6  91.0</td>
<td>114.9</td>
<td>233.1</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>3</td>
<td>None</td>
<td>14.1  60.1  81.0  90.3</td>
<td>112.6</td>
<td>230.1</td>
<td>100.0</td>
<td>1.0</td>
<td>0.5</td>
<td>1.0</td>
</tr>
<tr>
<td>Average</td>
<td></td>
<td>15.3  59.9  81.5  90.8</td>
<td>112.3</td>
<td>225.4</td>
<td>100.0</td>
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<td></td>
<td></td>
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</tbody>
</table>
Pecora Test Report cont.
ASTM C1184 Standard Specification for Structural Silicone Sealants

<table>
<thead>
<tr>
<th>Property</th>
<th>Requirement</th>
<th>Result</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rheological, max.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical</td>
<td>3/16”</td>
<td>0”</td>
<td>C639</td>
</tr>
<tr>
<td>Horizontal</td>
<td>No deformation</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Extrudability, max</td>
<td>10s</td>
<td>8s</td>
<td>C603</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td>20 – 60</td>
<td>30</td>
<td>C661</td>
</tr>
<tr>
<td>Heat Aging</td>
<td></td>
<td></td>
<td>C792</td>
</tr>
<tr>
<td>Weight loss, max</td>
<td>10%</td>
<td>7.5%</td>
<td></td>
</tr>
<tr>
<td>Cracking</td>
<td>None</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Chalking</td>
<td>None</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Tack Free Time, max.</td>
<td>No transfer in 3hr.</td>
<td>30 minutes</td>
<td>C679</td>
</tr>
<tr>
<td>Shelf Life, min.</td>
<td>6 months</td>
<td>12 months</td>
<td>C1184</td>
</tr>
<tr>
<td>Color</td>
<td>As specified</td>
<td>Black</td>
<td>C1184</td>
</tr>
</tbody>
</table>

Note: Pecora R&D, QC and Technical Service laboratories perform processes under guidelines set forth under ASTM C1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualifications to perform the test methods reported above.