It is common knowledge amongst the commercial waterproofing industry that adhering to silicone based waterproofing products with non-silicone based coatings and sealants is generally not recommended. As a result, waterproofing applications requiring adhesion to silicone require the use of silicone based products only in order to create a durable, monolithic weather seal.

Most waterproofing manufacturer’s will not approve or warrant the use of non-silicone based sealants applied over silicone based materials. Pecora Corporation recognized the need for a bonding agent that would allow the use of non-silicone based products over silicone materials.

Based on extensive laboratory testing per ASTM C794 Adhesion-in-Peel methods, Pecora P-225 primer has been identified as a successful bonding agent. Several sealant chemistries were evaluated and test results indicate the following polyurethane and hybrid (STPU) type sealants will adhere to cured silicone products when used in conjunction with the P-225 primer.

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Sealant</th>
<th>Primer</th>
<th>ASTM C794 Adhesion-in-Peel, pass/fail¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cured Silicone Sealant</td>
<td>Pecora Dynatred Two-Part Polyurethane</td>
<td>P-225</td>
<td>PASS</td>
</tr>
<tr>
<td></td>
<td>Pecora XL Flash (STPU) Hybrid</td>
<td>P-225</td>
<td></td>
</tr>
</tbody>
</table>

¹ Minimum requirements for ASTM C794 are 5 pli and >75% cohesive failure

Pecora always recommends testing on representative substrates in order to ensure proper field performance of the installed joint sealant.

Please contact the Pecora Technical Service Group if your project requires the use of sealants other than those referenced in the table above.

Pecora Technical Service
Ph: 1-800-523-6688
techservices@pecora.com
www.pecora.com