Commercial construction professionals will often question whether a sealant can come in contact with DuPont™ Tyvek® Weatherization Systems products, including building wraps and fluid applied membranes and self-adhered flashing. Building sealants can play an essential role in protecting the building envelope from air and water infiltration. The chemical compatibility of sealants and weatherization products is important to ensure the effective long term performance and durability of a wall assembly. When creating a sealant joint, both the chemical compatibility and the level of adhesive bonding between the sealant and the DuPont™ Tyvek® Weatherization System products must be considered in order to achieve the desired air and water seal.

In general, most sealants used in commercial construction are chemically compatible with DuPont™ Tyvek® air and water barrier membranes and DuPont™ Flashing products.

In the tables below, are representative examples of sealants that are chemically compatible with DuPont™ Tyvek® air and water barriers and DuPont flashing products, based on internal DuPont testing. Additional sealants may be suitable but were not tested by DuPont. It is recommended that field testing be conducted to determine the acceptability of a specific sealant for the intended use in the particular wall assembly design.

The sealant products listed in the table below were tested for chemical compatibility with DuPont™ Tyvek® Commercial Building Wraps and DuPont™ Self-Adhered Flashing products:

<table>
<thead>
<tr>
<th>Silicone Sealants</th>
<th>Polyurethane Sealants</th>
<th>Hybrid Sealants</th>
<th>Synthetic Rubber &amp; Butyl</th>
<th>Acrylics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dow Corning® 756 SMS</td>
<td>Sikaflex® 1a</td>
<td>Sikaflex® 721 UV</td>
<td>Tremco® Butyl Sealant</td>
<td>OSI® Pro-Series™ PRO-STIK™</td>
</tr>
<tr>
<td>Dow Corning® 799</td>
<td>Sonolastic® NP1™</td>
<td>Sikaflex® 511</td>
<td>Sashco Lexel®</td>
<td></td>
</tr>
<tr>
<td>Dow Corning® 1199</td>
<td>Tremco® Dymonic®</td>
<td>BASF Sonolastic®150MS</td>
<td>OSI® Pro-Series™ Quad*</td>
<td></td>
</tr>
<tr>
<td>GE SCS2000 SilPruf®</td>
<td>Tremco® Vulkem® 116</td>
<td>3M 5200</td>
<td>Tremco® 830</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DuPont™ Residential Sealant</td>
<td></td>
</tr>
</tbody>
</table>

The sealant products listed in the table below were tested for chemical compatibility with DuPont™ Tyvek® Fluid Applied System products:

<table>
<thead>
<tr>
<th>Polyurethane Sealants</th>
<th>Silicone Sealants</th>
<th>Hybrid Sealants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonolastic® NP1™</td>
<td>Dow Corning® 790</td>
<td>C.R. Laurence CRL M66</td>
</tr>
<tr>
<td>Tremco® Dymonic®</td>
<td>Dow Corning® 795</td>
<td>BASF Sonolastic®150MS</td>
</tr>
<tr>
<td></td>
<td>Pecora 864</td>
<td>OSI® WINTeQ™ TeQ::Seal™</td>
</tr>
<tr>
<td></td>
<td>Pecora 895</td>
<td>DuPont™ Sealant for Tyvek® Fluid Applied System</td>
</tr>
<tr>
<td></td>
<td>Tremco® Spectrum 1</td>
<td></td>
</tr>
</tbody>
</table>

1Testing was conducted by DuPont Building Innovations on products available in the market at the time, between 2004-2009, for DuPont™ Tyvek® Commercial Building Wraps and DuPont™ Self-Adhered Flashing products. Testing was conducted by DuPont Building Innovations on products available in the market at the time, between 2010-2012 for DuPont™ Tyvek® Fluid Applied System products. If you have additional questions about the chemical compatibility of DuPont™ Weatherization products please contact your local DuPont™ Tyvek® Specialist.
CHEMICAL COMPATIBILITY OF REPRESENTATIVE BUILDING SEALANTS
DuPont™ Tyvek® Commercial Weatherization Systems Products

For project specific questions and other sealants that may be compatible with DuPont™ Tyvek® Weatherization Systems products, please contact your local DuPont™ Tyvek® Specialist.

Disclaimer
The sealant compatibility information contained in this table is provided by DuPont as a general guide as to the compatibility of these sealants with DuPont™ Tyvek® Weather Barriers. This information is based on DuPont internal testing conducted on the dates indicated above. Please note that the composition of the sealants tested may have changed since the time DuPont conducted its tests. Ultimately it is the user’s responsibility to determine the proper construction materials needed. Appropriate field testing by the user is recommended to assure that the chosen sealant is effective and provides satisfactory performance for the intended use. Please refer to the sealant manufacturer for product specific information for their sealant. DuPont assumes no obligation or liability whatsoever in connection with the use of this information.

Copyright © 2013 DuPont. All rights reserved. The DuPont Oval, DuPont®, The miracles of science®, Elvaloy® and Tyvek® are trademarks or registered trademarks of DuPont or its affiliates.
K-27282 9/13

For more information on DuPont™ Tyvek® Weatherization Systems, please call 1-800-44-TYVEK or visit www.construction.tyvek.com