**Product Information**

High Performance Building

**Dow Corning® 1299 Silicone Seam Sealer**

Self-leveling silicone sealant for use in seam or joinery applications of fenestration assemblies to reduce or prevent air and water infiltration.

**APPLICATIONS**

- Seam or joint sealer in construction of fenestration assemblies to prevent or reduce air or water infiltration between mitered, fastened or slip-jointed extrusions
- Seals screw heads, fasteners and end dams

**TYPICAL PROPERTIES**

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

<table>
<thead>
<tr>
<th>Test</th>
<th>Property</th>
<th>Unit</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uncured – As Tested at 23°C (75°F) and 50% RH</td>
<td>Tack-Free Time</td>
<td>minutes</td>
<td>25</td>
</tr>
<tr>
<td>ASTM D2377</td>
<td>Extrusion Rate</td>
<td>grams/minute</td>
<td>130</td>
</tr>
<tr>
<td>ASTM C603</td>
<td>Slump</td>
<td>inches (mm)</td>
<td>&gt; 0.3 (&gt; 7)</td>
</tr>
<tr>
<td>ASTM D2202¹</td>
<td>Cure in Depth at 24 hours</td>
<td>inches (mm)</td>
<td>0.100 (2.5)</td>
</tr>
<tr>
<td>CTM² 0663</td>
<td>Specific Gravity</td>
<td>1.02</td>
<td></td>
</tr>
<tr>
<td>Cured – After 7 days at 23°C (75°F) and 50% RH</td>
<td>Durometer, Type A</td>
<td>points</td>
<td>19</td>
</tr>
<tr>
<td>ASTM C661</td>
<td>Tensile Strength</td>
<td>psi (kg/mm²)</td>
<td>120</td>
</tr>
<tr>
<td>ASTM D412</td>
<td>Elongation</td>
<td>percent</td>
<td>300</td>
</tr>
<tr>
<td>ASTM D711</td>
<td>Temperature Range</td>
<td>°C (°F)</td>
<td>-40 to 149 (-40 to 300)</td>
</tr>
</tbody>
</table>

¹As tested on the AAMA test jig as shown in section 2.6 in the AAMA 800 Voluntary Test Methods and Specifications.
²CTMs (Corporate Test Methods) are based on standard ASTM (American Society for Testing and Materials) tests. Copies of CTMs are available upon request.

**DESCRIPTION**

*Dow Corning® 1299 Silicone Seam Sealer* is a one-part, neutral-cure RTV silicone sealant specifically formulated to meet the demanding requirements as a self-leveling seam sealer for fenestration assemblies. It is designed for durable performance and aggressive adhesion to many common fenestration substrates. *Dow Corning* 1299 Silicone Seam Sealant is available in clear.

**HOW TO USE**

**Preparation**

Clean and dry surfaces before sealant application.

**Application**

Apply materials from cartridges using standard one-component pumping and dispensing equipment.
HANDLING PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE
When stored in original, unopened containers in a dry location below 32°C (90°F), Dow Corning 1299 Silicone Seam Sealer has a usable life of 12 months from date of manufacture. Refer to product packaging for “Use By” date.

PACKAGING INFORMATION
Dow Corning 1299 Silicone Seam Sealer is available in 10.3 fl oz (305 mL) cartridges and 441 lb (200 kg) drums.

LIMITATIONS
Dow Corning 1299 Silicone Seam Sealer is not intended for use:

- In spaces totally confined from atmospheric moisture during cure
- In silicone structural glazing applications
- As an insulating glass (IG) sealant
- On surfaces that will require painting or staining
- On frost-laden or wet surfaces
- In areas where abrasion and physical abuse are encountered
- Continuous water immersion

Dow Corning 1299 Silicone Seam Sealer may stress-crack polycarbonate. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION
To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY
The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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