For more than 60 years, Dow Corning Corporation has provided the construction industry with the finest silicone construction products available, including adhesives, sealants and coatings for structural glazing and weatherproofing. Our name means quality, and our technical expertise and service have become the industry standard.

We built our long history of achievement and reputation for excellence on four pillars that contribute to your success:

- Service and Support
- Reliable Supply
- A Trusted Brand Name
- Superior Warranties
What Does Dow Corning Give You?

**Flexibility**
Our silicone structural glazing products attach glass, ceramic, metal, stone and composite panels to building frames, allowing you to create unique and beautiful structures while providing outstanding movement capability and excellent durability.

**Protection**
Our silicone weathersealing products provide excellent, unprimed adhesion to many common building substrates, creating a strong, durable envelope that will protect your buildings from the elements for years to come.

**Confidence**
Dow Corning provides up to 20 years of outstanding protection with limited weatherproofing, structural glazing and non-staining warranties.

Sealant Features & Benefits
- Virtually unaffected by weather or temperature extremes
- Stay flexible and maintain adhesion, even when stretched or compressed
- Resist cracks, splits or tears
- Apply easily over a wide temperature range
- Protect buildings typically three times longer than organic materials in the same applications
- Perform with successful track records in diverse applications
- Provide outstanding life-cycle value

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### Typical Characteristics of Silicone Construction Materials from Dow Corning

<table>
<thead>
<tr>
<th>Product</th>
<th>Recommended Application</th>
<th>Description</th>
<th>Neutral-Cure System</th>
<th>Ultimate Tensile (psi) ASTM C1135</th>
<th>Shore A (Durometer)</th>
<th>Joint Movement, %</th>
<th>1-Part Cure</th>
<th>2-Part Cure</th>
<th>Tooling Time, min.</th>
<th>All-Temperature Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dow Corning® 756 SMS Building Sealant</strong></td>
<td>Weatherproofing</td>
<td>Non-stain weatherproofing sealant for use on sensitive substrates.</td>
<td>Yes</td>
<td>35</td>
<td>±50</td>
<td>1-Part</td>
<td>30</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® FC Parking Structure Sealant</strong></td>
<td>Weatherproofing</td>
<td>Two-part, fast-curing, self-leveling sealant that cures to an ultra-low-modulus silicone rubber for use in horizontal joints.</td>
<td>Yes</td>
<td>60 Shore 00</td>
<td>Extension:</td>
<td>+100</td>
<td>Compression:</td>
<td>-50</td>
<td>2-Part</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Dow Corning® SL Parking Structure Sealant</strong></td>
<td>Weatherproofing</td>
<td>One-part, self-leveling sealant that cures to an ultra-low-modulus silicone rubber for use in horizontal joints.</td>
<td>Yes</td>
<td>50 Shore 00</td>
<td>Extension:</td>
<td>+100</td>
<td>Compression:</td>
<td>-50</td>
<td>1-Part</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Dow Corning® NS Parking Structure Sealant</strong></td>
<td>Weatherproofing</td>
<td>One-part, non-sagging sealant that cures to a low-modulus silicone rubber for use in vertical and horizontal joints.</td>
<td>Yes</td>
<td>15</td>
<td>±50</td>
<td>1-Part</td>
<td>10-20</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® 123 Silicone Seal</strong></td>
<td>Weatherproofing</td>
<td>Preformed, ultra-low-modulus silicone extrusion; can be bonded to a wide variety of substrates without 200-75% joint movement.</td>
<td>N/A</td>
<td>25</td>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® 758 Silicone Weather Barrier Sealant</strong></td>
<td>Waterproofing</td>
<td>One-part, neutral-cure silicone sealant; designed for adhering to common sheet or peel-and-stick weather-resistant barriers.</td>
<td>Yes</td>
<td>45</td>
<td>±25</td>
<td>1-Part</td>
<td>15</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® 790 Silicone Building Sealant</strong></td>
<td>Waterproofing</td>
<td>One-part formulation cures to a durable, flexible and ultra-low-modulus silicone rubber joint seal; offers outstanding unprimed adhesion to masonry.</td>
<td>Yes</td>
<td>15</td>
<td></td>
<td>1-Part</td>
<td>10-20</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® 791 Silicone Weatherproofing Sealant</strong></td>
<td>Waterproofing</td>
<td>One-part, medium-modulus silicone sealant offers unprimed adhesion to most window frame materials and outstanding tear strength.</td>
<td>Yes</td>
<td>30</td>
<td>±50</td>
<td>1-Part</td>
<td>15</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dow Corning® 795 Silicone Building Sealant</strong></td>
<td>Structural Glazing, Glazing, Weatherproofing</td>
<td>One-part formulation cures to a durable, flexible seal that can accommodate ±50% movement in properly designed expansion and control joints for new construction and remedial applications.</td>
<td>Yes</td>
<td>80</td>
<td>35</td>
<td>170</td>
<td>±50</td>
<td>1-Part</td>
<td>20-30</td>
<td>Yes</td>
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<tr>
<td><strong>Dow Corning® 983 Structural Glazing Sealant</strong></td>
<td>Structural Glazing, Glazing</td>
<td>Two-part formulation cures to a high-modulus elastomeric adhesive/sealant. Tested in impact glazing systems for use in hurricane- and blast-resistant installations.</td>
<td>Yes</td>
<td>160</td>
<td>40</td>
<td>300</td>
<td>±25</td>
<td>2-Part</td>
<td>12-25</td>
<td>Apply &gt;50°F</td>
</tr>
<tr>
<td><strong>Dow Corning® 995 Structural Silicone Sealant</strong></td>
<td>Structural Glazing, Glazing</td>
<td>One-component, shelf-stable, neutral-cure, formulated for silicone structural glazing; also used for impact-resistant protective glazing in high-performance window film applications.</td>
<td>Yes</td>
<td>170</td>
<td>40</td>
<td>350</td>
<td>±50</td>
<td>1-Part</td>
<td>10-20</td>
<td>Yes</td>
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<tr>
<td><strong>Dow Corning® 121 Structural Glazing Sealant</strong></td>
<td>Structural Glazing, Weatherproofing</td>
<td>Fast-cure, 1:1 mix ratio RTV sealant for on-site structural glazing and reglazing applications; cures into a medium-modulus, flexible silicone rubber.</td>
<td>Yes</td>
<td>135</td>
<td>30</td>
<td>40</td>
<td>±25</td>
<td>2-Part</td>
<td>15-45</td>
<td>Yes</td>
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<tr>
<td><strong>Dow Corning® 999-A Structural Building &amp; Glazing Sealant</strong></td>
<td>Glazing</td>
<td>Easily applied, one-part formulation that cures to produce a durable, flexible wet glazing and curtainwall seal.</td>
<td>No</td>
<td>N/A</td>
<td>25</td>
<td>±25</td>
<td>1-Part</td>
<td>5-10</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Specification Writers: Please contact Dow Corning Corporation, Midland, MI, before writing specifications on these products.

1. 20 to 122°F.
2. For a VOC data sheet for a specific sealant color, please send your request to product.inquiry@dowcorning.com.
3. All substrates and sealant combinations must be field tested to confirm general recommendations from this table.
N/A = Not Applicable.

While all products listed are Dow Corning® brand, the product marked with a ▲ is sold via the XAMETER® Web-enabled business model from Dow Corning, which offers high-quality, reliable standard silicone products online, at market-based prices. Visit www.xameter.com to order this product or to learn more.
<table>
<thead>
<tr>
<th>VOC Content1, g/L</th>
<th>Flexopolymer Paint</th>
<th>Silicone Polyester Paint</th>
<th>Acrylic-Modified Aluminum</th>
<th>Acrylic-Modified Silicone</th>
<th>Grade</th>
<th>Limestone</th>
<th>Concrete</th>
<th>Warranty</th>
<th>Caulking &amp; Cracking</th>
<th>UV Light Resistance</th>
<th>Colors Available</th>
<th>Custom Colors</th>
<th>Packaging</th>
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<td>86</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes: 12000S/Primer P</td>
<td>Yes: 12000S/Primer P</td>
<td>20 Years</td>
<td>No</td>
<td>Excellent</td>
<td>7 Yes</td>
<td>Sausages</td>
<td>Pails</td>
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<td>30</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes: 12000S/Primer P</td>
<td>No</td>
<td>5 Years</td>
<td>No</td>
<td>Excellent</td>
<td>Gray No</td>
<td>Sausages</td>
<td>–</td>
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<tr>
<td>37</td>
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<td>Yes: 12000S</td>
<td>Yes: 12000S</td>
<td>No</td>
<td>Yes: 12000S/Primer P</td>
<td>Yes: 12000S/Primer P</td>
<td>10 Years</td>
<td>No</td>
<td>Excellent</td>
<td>11 Yes</td>
<td>100-Foot Rolls</td>
<td>Pails</td>
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<td>42</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>20 Years</td>
<td>No</td>
<td>Excellent</td>
<td>13 Yes</td>
<td>Sausages</td>
<td>–</td>
</tr>
<tr>
<td>46</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes: 12000S/Primer P</td>
<td>Yes: 12000S/Primer P</td>
<td>20 Years</td>
<td>No</td>
<td>Excellent</td>
<td>7 Yes</td>
<td>Sausages</td>
<td>Pails</td>
</tr>
<tr>
<td>28</td>
<td>Yes: 12000S</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>20 Years</td>
<td>No</td>
<td>Excellent</td>
<td>15 Yes</td>
<td>Sausages</td>
<td>Pails</td>
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<tr>
<td>18</td>
<td>Yes: 12000S/Primer P</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>20 Years</td>
<td>No</td>
<td>Black, Gray</td>
<td>No</td>
<td>Pails</td>
<td>Drums</td>
</tr>
<tr>
<td>30</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>20 Years</td>
<td>No</td>
<td>Black, Gray</td>
<td>No</td>
<td>Pails</td>
<td>Drums</td>
</tr>
<tr>
<td>&lt;25</td>
<td>Yes: 1200OS/OS/OS/OS</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
<td>No</td>
<td>No</td>
<td>20 Years</td>
<td>No</td>
<td>Black, Gray</td>
<td>Cartridges</td>
<td>–</td>
<td>–</td>
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<tr>
<td>40</td>
<td>Yes</td>
<td>No</td>
<td>Yes: 12000S</td>
<td>Yes: 12000S</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>10 Years</td>
<td>No</td>
<td>Yes: Clear, White</td>
<td>Cartridges</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

791 = Dow Corning791 Silicone Weatherproofing Sealant
795 = Dow Corning795 Silicone Building Sealant
12000S = Dow Corning1200 OS Primer
Primer C = Dow CorningPrimer C Construction Sealant Primer
Primer P = Dow CorningConstruction Primer P

Specifications & Standards
- SWRI Validation
- ASTM C920, Type S, Grade NS, Class 100/50, Use T, NT, G, M, A, O
- ASTM C719, +100/-50%
- Modified ASTM C719, +200/-75%
- Designed for new construction and renovation
- ASTM C920, Type S, Grade NS, Class 25, Use G, A, O
- ASTM C719, ±25%
- ASTM C920, Type S, Grade NS, Class 50, Use T, NT, M, G, A, O
- ASTM C719, +100/-50%
- SWRI Validation
- ASTM C1184, Specification for Structural Silicone Sealants
- ASTM C920, Type M, Grade NS, Class 25
- SWRI Validation
- ASTM C1184, Specification for Structural Silicone Sealants
- ASTM C920, Type S, Grade NS, Class 50, Use NT, G, A, O
- ASTM C719, ±50%
- ASTM C719 Class 25 (G, A, O)
- ASTM C1184 Structural Sealant Specification
- FDA Regulation 21 CFR 177.2600 subject to end use compliance
- ASTM C920

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**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.

**LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY**

Any review, recommendation or statement made on behalf of Dow Corning relating to any engineering design, architectural drawing, product formulation, end-use specification or similar document is limited to the knowledge of the product properties as determined by laboratory testing of material produced by Dow Corning. Any comments or suggestions relating to any subject other than such product properties are offered only to call the attention of the engineer, architect, formulator, end-user or other person to considerations that may be relevant in an independent evaluation and determination of the appropriateness of such design, drawing, specification, document or formula.

**The Value Behind the Name**

Throughout the construction process, Dow Corning will assist you in providing the right products, solutions and services.

**Design:** Dow Corning® brand products and services will help you use innovative materials and technologies that can assist in enhancing your project’s aesthetic appeal, performance and longevity.

**Specify:** Dow Corning provides technical data and resources, including comprehensive testing and support services, that give you the confidence to assure your customers that they are getting the best products and support available.

**Build:** Dow Corning is more than just a materials supplier. Our staff of experts is there throughout the construction process to answer questions, help resolve issues and provide technical support. As long as you are on the job, we are on the job.

**How To Contact Us**

Dow Corning has sales offices and manufacturing sites, as well as science and technology laboratories, around the globe. Telephone numbers of locations near you are available at dowcorning.com/ContactUs or by calling one of our primary locations listed below.

**Your Global Connection**

**Dow Corning Americas**

North America
+1 989 496 4000
1 800 248 2481 (toll-free from the U.S. and Canada)

South America
+55 19 3887 9797

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Visit [dowcorning.com/construction](http://dowcorning.com/construction) for detailed technical manuals, specifications and installation guides. Or call the Dow Corning Technical Information Center at +1 800 248 2481.