

Dow Corning® 1299 Silicone Seam Sealer

Self-leveling seam sealer for fenestration assemblies

Features/Benefits

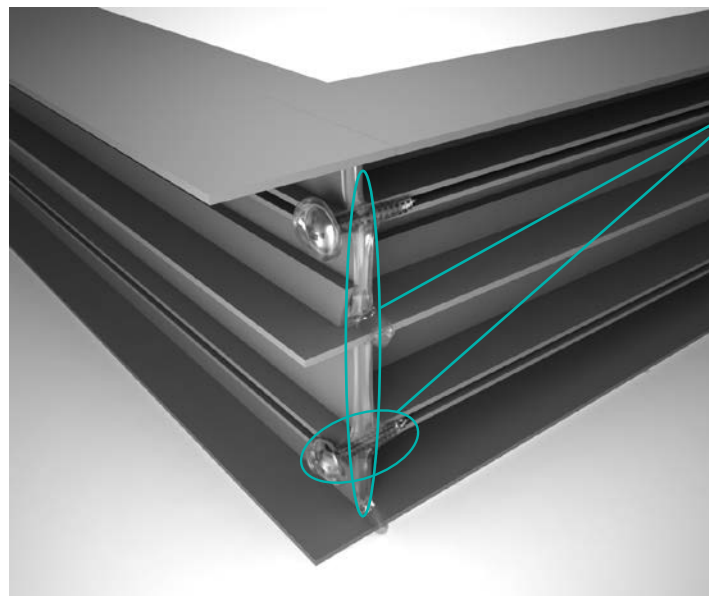
- One-part self-leveling seam sealant that flows into joints and seams
- Aggressive adhesion to many common window substrates
- Compared to solventborne acrylic seam sealers, the moisture-cure silicone formula reduces noxious odors on the production line
- Minimal shrinkage, nonflammable, neutral cure
- Excellent weather resistance against sunlight, rain, snow and temperature extremes
- Low-VOC (less than 60 g/L); meets VOC requirements of SCAQMD Rule 1168

Air leakage can be a significant contributor to increased heating and cooling costs. *Dow Corning® 1299 Silicone Seam Sealer* helps reduce energy consumption, providing fast, easy and effective protection from air infiltration and water penetration in window and door assemblies.

Dow Corning 1299 Silicone Seam Sealer is a one-part, neutral-cure RTV 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.

You can count on *Dow Corning 1299 Silicone Seam Sealer* for trusted silicone durability, with long-term protection from:

- Air and water infiltration
- Normal movement imposed by seasonal thermal contraction and expansion
- Sunlight (ultraviolet radiation)
- Rain, snow and temperature extremes



*Dow Corning® 1299
Silicone Seam Sealer*

Figure 1. Dow Corning® 1299 Silicone Seam Sealer is applied to gaps, seams and screw connections to minimize air infiltration and water penetration in window and door assemblies.

Typical Properties⁽¹⁾

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

| Test ⁽²⁾ | Property | Unit | Result |
|---|--------------------------|---------------------------|-------------------------|
| Uncured – As Tested at 23°C (75°F) and 50% RH | | | |
| ASTM D2377 | Tack-Free Time | min | 25 |
| ASTM C603 | Extrusion Rate | g/min | 130 |
| CTM 0663 | Cure in Depth @ 24 hours | in (mm) | 0.100 (2.5) |
| Cured – After 7 days at 23°C (75°F) and 50% RH | | | |
| ASTM C661 | Durometer, Type A | points | 19 |
| ASTM D412 | Tensile Strength | psi (kg/mm ²) | 120 (0.084) |
| ASTM D412 | Elongation | % | 300 |
| ASTM D711 | Temperature Range | °C (°F) | -40 to 149 (-40 to 300) |

⁽¹⁾Values are based on 15 mil dry-film thickness.

⁽²⁾ASTM: American Society of Testing and Materials.

CTM: Corporate Test Method; copies of CTMs are available on request.

Try It Yourself – Request a Sample

Discover for yourself how *Dow Corning* 1299 Silicone Seam Sealer can provide durable and efficient air and weather protection for your window and door applications. Contact your Dow Corning distributor to request a sample and order. Or, request a sample by calling Dow Corning directly at 1-800-346-9882 (toll-free in U.S.).



Images: AV19723, AV21205

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Learn More

Dow Corning 1299 Silicone Seam Sealer is a complementary product for window and door applications.

For more information on Dow Corning's wide range of silicone products for your window and door applications, please visit us online at dowcorning.com/content/construction/windoor.

Contact Us

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