An advanced solution for bold ideas.

GE Silicones UltraGlaze SSG4650 sealant has proven, powerful silicone performance for structural glazing façades. This 100% silicone-based formula offers properties that can allow beautiful glass buildings to look more seamless—all while fortifying vital structural components against environmental stressors. This cutting-edge solution joins a family of sealants with a legacy of helping to make innovative architecture possible.

**GE UltraGlaze SSG4650 sealant offers outstanding attributes, including:**

- **LEADING tensile strength**
- **FLEXIBILITY to absorb movement and impact**
- **PRIMERLESS adhesion for a secure bond**
- **TWO-PART system**
- **DURABILITY to stand the test of time**

*UltraGlaze is a trademark of Momentive Performance Materials Inc.*
For new design possibilities.

This 100% silicone-based solution offers a 30 psi design strength without sacrificing flexibility that can enable designs with reduced metal frame system dimensions. Design and build to new heights with an advanced formula. And work smarter with primerless adhesion and a fast cure.

### Daring designs
- Enables unparalleled, uninterrupted views and optimizes daylight with high strength and flexibility
- Joins a family of sealants used in the world’s most awe-inspiring structures, including the Shanghai World Financial Center, School of the Art Institute of Chicago, China Central Television, Willis Tower, and Bahrain Financial Harbor
- Helps make cutting-edge design possible, from bent glass to oversized glass and beyond
- Withstands driving rains and hurricane-force winds—as well as pressure and impact that occurs over time

### Smart assembly
- Simplifies fabrication with primerless adhesion and a fast cure to form a lasting bond
- Enhances safe handling and storage with non-flammable properties

### Specifications

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile design strength</td>
<td>30 PSI</td>
</tr>
<tr>
<td>Movement capacity</td>
<td>±25%</td>
</tr>
<tr>
<td>Primerless success rate</td>
<td>96%</td>
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<tr>
<td>One or two part</td>
<td>☀️ ☀️</td>
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<tr>
<td>Strength</td>
<td>VERY HIGH</td>
</tr>
<tr>
<td>Low VOC</td>
<td>⭐️</td>
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<tr>
<td>Adjustable work life (minutes)</td>
<td>20-90</td>
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<tr>
<td>Colors</td>
<td></td>
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</tbody>
</table>
| Applicable standards             | ASTM C1184
|                                  | ASTM C920
|                                  | GB16776-2005
|                                  | (China)
|                                  | ASTM F1642-04
|                                  | ASTM E1886-02/05
| Potential applications           | Structural glazing
|                                  | Protective glazing
| Other benefits                   | Non-flammable

Contact us at 866.275.4372 to learn more and achieve strength in innovation.