Thermalbond® V2200
Available in Grey or Black

Semi-Rigid Polyurethane
- An open-cell structure allows air and moisture to reach the silicone for optimum curing of the silicone.
- Semi-rigid polyurethane foam is compatible with all silicone tested*.
- Low thermal conductivity improves the performance of the wall and can support LEED points.
- Excellent resistance to temperature variations, fungi and oxidation.

For Two- and Four-Sided Structural Glazing systems
- Available in grey & black.
- Superb spacer for 2-sided and 4-sided structural glazing.
- Speeds shop fabrication of unitized systems.
- Easy removal of the liner even after glass is in position.

Pressure-Sensitive Adhesive
- Adhesive on two sides to aid in positioning of the glass.
- Adhesive is UV resistant to minimize color change.

*Refer to silicone manufacturer to confirm compatibility information. Due to the numerous variables involved in a structural glazing system, EACH PROJECT should be individually lab tested by the silicone manufacturer for compatibility between Thermalbond® V2200, the structural silicone and all other adjacent components.

Structural Glazing Spacer
made from Semi-Rigid Polyurethane Foam and Acrylic Adhesive on 2 Sides.

Applications
- Structural Glazing Spacer
- Thermalbreak in window, door & wall systems
- Bonding of wide joints
**Thermalbond V2200**

**Standard Roll Sizes**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Thickness, in (mm)</th>
<th>Length, ft (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2204*</td>
<td>1/8 (3.2)</td>
<td>50 (15.25)</td>
</tr>
<tr>
<td>V2206*</td>
<td>3/16 (4.8)</td>
<td>50 (15.25)</td>
</tr>
<tr>
<td>V2208 / V2208G272</td>
<td>1/4 (6.4)</td>
<td>50 (15.25)</td>
</tr>
<tr>
<td>V2210 / V2210G272</td>
<td>5/16 (8.0)</td>
<td>25 (7.60)</td>
</tr>
<tr>
<td>V2212 / V2212G272</td>
<td>3/8 (9.5)</td>
<td>25 (7.60)</td>
</tr>
</tbody>
</table>

*V2204 & V2206 Grey are specials; minimum order quantities may apply. Please contact our Customer Service for details.

**Storage:** Material should be stored at 70°F (21°C), 50% relative humidity.

**Application Guide:** Contact surfaces must be thoroughly cleaned and dry. Once Thermalbond® V2200 is applied, it cannot be removed and reused, so position sections carefully, making sure product is in contact with all surfaces. If unit is misaligned, remove used Thermalbond® V2200, discard and repeat application with new material. Test this product for system compatibility as individual conditions can affect results.

**Please note:** Because Saint-Gobain Performance Plastics cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions / use prior to use.

Thermalbond® V2200 is a SPACER material, and not intended to be a structural component.

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**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density, lbs/cu.ft (kg/m³)</td>
<td>22 (352)</td>
<td>ASTM D-1667</td>
</tr>
<tr>
<td>Force to Compress 10%, psi (kPa)</td>
<td>16 (110)</td>
<td>ASTM D-1667</td>
</tr>
<tr>
<td>Hardness, Shore A</td>
<td>30</td>
<td>AST D-2240</td>
</tr>
<tr>
<td>Tensile Strength, psi (kPa)</td>
<td>130 (896)</td>
<td>ASTM D-412</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>105</td>
<td>ASTM D-412</td>
</tr>
<tr>
<td>Dynamic Tensile Adhesion, psi (kPa)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 min. dwell</td>
<td>45 (310)</td>
<td>NTP-11</td>
</tr>
<tr>
<td>Dynamic Shear Adhesion, psi (kPa)</td>
<td></td>
<td>NTP-5</td>
</tr>
<tr>
<td>Static Shear Adhesion (hours @ RT)</td>
<td>2000+</td>
<td>NTP-57</td>
</tr>
<tr>
<td>1 psi (7 kPa) load</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thermal Conductivity K Factor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BTU/in/hr/ft²°F (w/m°C)</td>
<td>55 (0.08)</td>
<td>ASTM C-518</td>
</tr>
<tr>
<td>Migratory Staining of Acrylic Enamel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 hrs at ultraviolet @ 140°F (60°C)</td>
<td>No staining</td>
<td>ASTM D-925</td>
</tr>
<tr>
<td>Recommended Service Temperature:</td>
<td>-40°F to 175°F</td>
<td>(-40°C to 80°C)</td>
</tr>
<tr>
<td>Application Temperature:</td>
<td>60°F to 125°F</td>
<td>(15°C to 50°C)</td>
</tr>
</tbody>
</table>

NTP is Norton Test Procedure. Parameter values are not guaranteed and will differ from lot to lot. For specification writing, contact your Saint-Gobain Application Engineering Dept.

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This is a preliminary information page. For more information, contact:

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