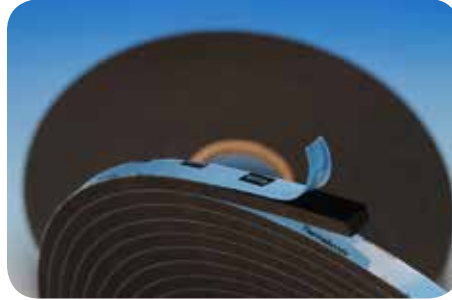


Thermalbond® V2200

Available in Grey or Black



Thermalbond V2200G272



Thermalbond V2200 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

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

*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.



Family of Thermalbond® spacers :
V2100, V2200G, V2200, Xpress

Typical Physical Properties

Property	Value	Test Method
Density, lbs/cu.ft (kg/m ³)	22 (352)	ASTM D-1667
Force to Compress 10%, psi (kPa)	16 (110)	ASTM D-1667
Hardness, Shore A	30	AST D-2240
Tensile Strength, psi (kPa)	130 (896)	ASTM D-412
Elongation (%)	105	ASTM D-412
Dynamic Tensile Adhesion, psi (kPa) 15 min. dwell	45 (310)	NTP-11
Dynamic Shear Adhesion, psi (kPa) 15 min. dwell	30 (206)	NTP-5
Static Shear Adhesion (hours @ RT) 1 psi (7 kPa) load	2000+	NTP-57
Thermal Conductivity K Factor BTU .in/hr.ft ² .°F (w/m °C)	55 (0.08)	ASTM C-518
Migratory Staining of Acrylic Enamel 200 hrs at ultraviolet @ 140°F (60°C)	No staining	ASTM D-925
Recommended Service Temperature:	-40°F to 175°F (-40°C to 80°C)	
Recommended Application Temperature:	60°F to 125°F (15°C to 50°C)	

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.

This is a preliminary information page.
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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Thermalbond is a registered trademark

