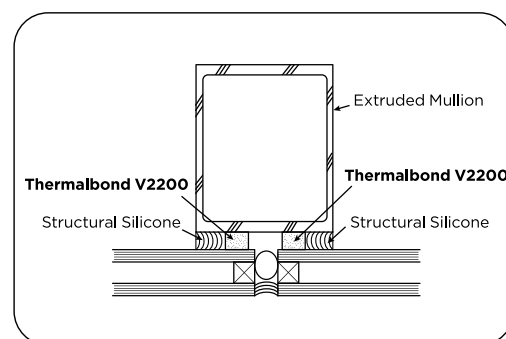


Cat No. V2200

High-Strength, Polyurethane Foam Spacer For Structural Glazing

The **Thermalbond® V2200** series is specially designed to provide the following features:

- 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



APPLICATIONS

- Spacer for two and four sided structural glazing systems

Available Size

- Standard thickness: 1/8 in. (3 mm)
- Master roll size: 50 ft. (15 m)

Note: Standard roll length varies with thickness.

Thermalbond V2200 Series — Properties

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Property	Test Method	Value or Rating
Density: lbs./cu. ft. (kg/m ³)	ASTM D1667	22 (352)
Hardness: Shore A	ASTM D2240	30
Force to Compress 10%: psi (kPa)	ASTM D1667	16 (110)
Dynamic Tensile Adhesion: psi (kPa)* (15 min. dwell)	NTP-11	45 (310)
Dynamic Shear Adhesion: psi (kPa)* (15 min. dwell)	NTP-5	30 (206)
Static Shear Adhesion: Hours 1 psi load*	NTP-57	2000+
Tensile Strength: psi (kPa)	ASTM D412	130 (896)
Elongation of Foam: %	ASTM D412	105%
Thermal Conductivity K factor: BTU•in./hr.•ft ² •°F (w/m•°C)	ASTM C518	.55 (.08)
Migratory Staining of Acrylic Enamel: 200 hours of ultraviolet at 140°F	ASTM D925	No Staining

* NTP = Norton Test Procedure.

* Adhesive properties do not apply for **Thermalbond XPress**.

Thermalbond V2200 Series – Standard Configurations

Black Adhesive 2 Sides	Thickness in. (mm)	Length in. (m)
V2204	.125 (3.2)	50 (15.2)

3 in. I.D. cardboard cores standard

Liners

Easy release branded blue polyethylene liner is standard on V2200.

Important Instructions

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

Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.

Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape. The application temperature should be between 60°F and 125°F (16°C to 52°C). It is not recommended to apply these tapes at temperatures below 60°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding.

Recommended service temperature is between -40°F to 180°F (-40°C to 82°C).

Shelf Life

12 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: For a period of 6 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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