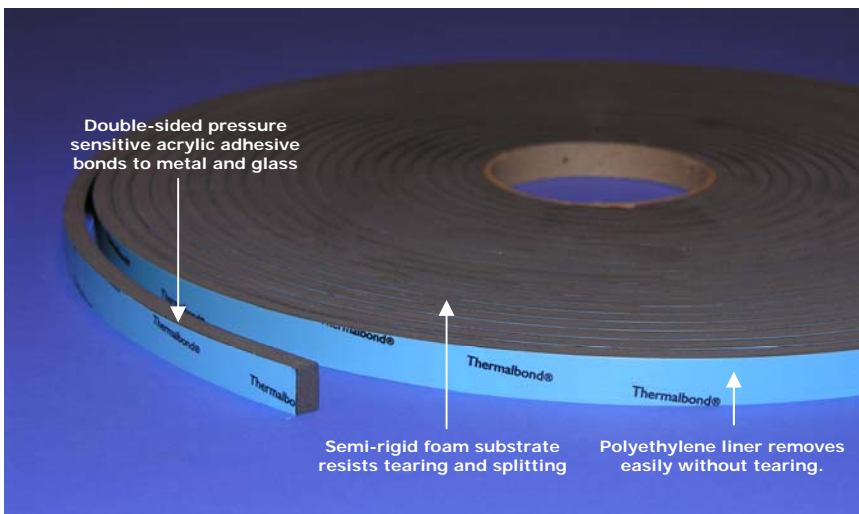


THERMALBOND® V2200



Semi-Rigid Polyurethane Foam Substrate used as a Structural Glazing and Cladding Spacer System for In-Shop Fabrication

Applications

- Structural Silicone Glazing
- Thermal Break on Storm Windows and Doors
- Curtain Wall
- Die Cut for Vibration Dampening

Semi-Rigid Polyurethane

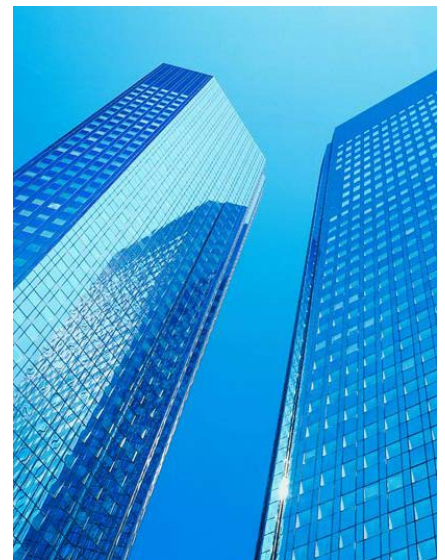
- An open cell structure allows air and moisture to reach the silicone, permitting optimum curing.
- Semi-rigid polyurethane foam substrate is chemically compatible with all silicones tested.*
- Low thermal conductivity foam substrate reduces heat transfer and inhibits condensation on windows, doors and metal systems.
- Excellent resistance to weather, fungi and oxidation.

For Two- and Four-Sided Structural Glazing Systems

- Superb spacer for two-sided field and four-sided shop structural silicone glazing systems.
- Speeds shop fabrication of unitized panels.
- Easy to handle
- Suitable for die cutting.
- Easy liner removal after panel is positioned in-place.

Pressure-Sensitive Adhesive

- Adhesive on one or two sides for ease of spacer placement.
- For clear or lightly tinted glass, V2200 with adhesive on one side only should be used to avoid unsightly air pockets.



*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, structural silicone and all other adjacent components.

THERMALBOND® V2200 - Standard Roll Sizes

Colour : Black
 Core : 3 " ID
 Width : from 6 to 1422mm

Thickness (mm)	Length (m)
3.2	15.25
4.8	15.25
6.4	15.25
8.0	7.60
9.5	7.60

Storage : Material should be stored at 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 application 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

Typical Physical Properties

Property	Test Method	Value
Density (kg/m ³)	ASTM D-1667	352
Force to Compress 10% (kPa)	ASTM D-1667	110
Hardness (Shore A)	ASTM D-2240	30
Tensile Strength (kPa)	ASTM D-412	896
Elongation (%)	ASTM D-412	105
Dynamic Tensile Adhesion (kPa) 15 min. dwell	NTP-11	310
Dynamic Shear Adhesion (kPa) 15 min. dwell	NTP-5	206
Static Shear Adhesion (hours @ RT) 7 kPa load	NTP-57	2000+
Thermal Conductivity K Factor BTU w/m °C	ASTM C-518	0.08
Migratory Staining of Acrylic Enamel 200 hrs of ultraviolet at 60°C	ASTM D-925	No Staining
Recommended Service Temperature		-40°C to 80°C
Recommended Application Temp		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 Saint-Gobain Technical Service Dept.

Thermalbond® is a registered trademark.

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Distributor :

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09/07