

THERMALBOND® V2100



THERMALBOND® V2100 features a polyethylene liner that removes easily without tearing. The dual-sided pressure sensitive acrylic adhesive bonds to metal and glass while the semi-rigid substrate maintains spacing.

Features / Benefits

- Open cell foam structure allows air and moisture to reach silicone, permitting optimum curing.
- High-strength polyurethane foam substrate is chemically compatible with all silicones tested*.
- Low thermal conductivity of foam substrate reduces heat transfer and inhibits condensation on windows, doors and metal systems.
- Excellent resistance to weather, fungi and oxidation.
- Adhesive on one or two sides for easy placement.
- Double-sided adhesive will aid in stabilizing components while silicone cures.
- Suitable for on-site structural glazing.

Applications

- Superb spacer for two- and four-sided structural glazing systems.
- Thermal break on storm windows and doors.
- Vibration dampening.
- Conventional glazing interior spacer.

For clear, lightly tinted or monolithic glass, single sided adhesive THERMALBOND® is recommended to reduce the visual impact of any air pockets sometimes induced during the panel fabrication process.

* Refer to silicone manufacturer for compatibility information. Each project should be individually lab tested to confirm compatibility between THERMALBOND® V2100, structural silicone and all other adjacent materials.

**High Strength
Polyurethane Foam
Spacer for Structural
Glazing and Cladding.**



THERMALBOND® V2100

Colour:	Black
Core:	3" ID
Thickness (mm) x Length (m):	3.2x15.25 - 4.8x15.25 - 6.4x15.25 8.0x7.6 - 9.5x7.6 - 12.5x6.0*
Width:	from 6mm to 1422mm

* Minimum order quantity may apply.

V2100 is also available in grey, with a minimum order quantity. Please contact your Sales Representative for more details.

Storage: Material should be stored at room temperature, at normal humidity (50-70%).

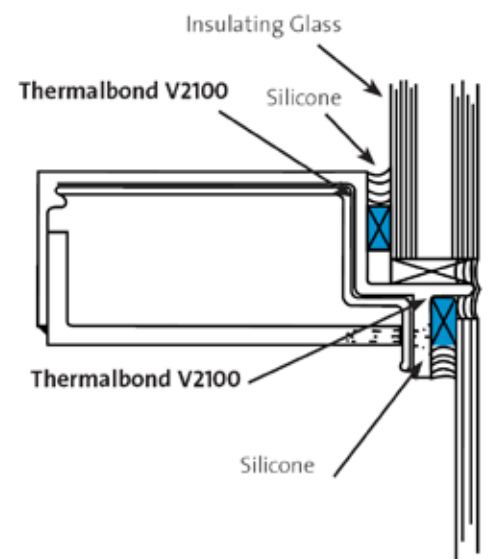
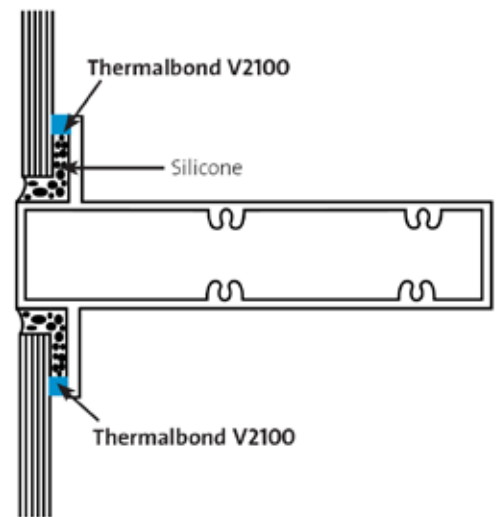
Application Guide: Contact surfaces must be thoroughly cleaned and dry. Once THERMALBOND® V2100 is applied, it cannot be removed and reused, so position sections carefully, making sure product is in contact with all surfaces. If unit is misaligned, remove used THERMALBOND® V2100, discard and repeat application with new material. Test this product for system compatibility as individual application conditions can affect results.

Property	Test Method	Value or Rating
Density (kg/m ³)	ASTM D-1667	497
Force to Compress 10% (kPa)	ASTM D-1667	214
Hardness (Shore A)	ASTM D-2240	35
Tensile Strength (kPa)	ASTM D-412	1241
Elongation (%)	ASTM D-412	125
Dynamic Tensile Adhesion (kPa) 15 min. dwell	NTP-11	379
Dynamic Shear Adhesion (kPa) 15 min. dwell	NTP-5	276
Static Shear Adhesion (hours) 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 UV at 60°C	ASTM D-925	No Staining
Recommended Service Temp	-35 to 95°C	
Recommended Application Temp	15 to 50°C	

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THERMALBOND V2100 is a SPACER material, and not intended to be a structural component.

Thermalbond® is a registered trademark.