

THERMALBOND STRUCTURAL GLAZING SPACER

V2100

Product Description:

Thermalbond V2100 is a structural glazing and cladding spacer system made from a high strength polyurethane foam with a specially formulated adhesive on both sides for ease of spacer placement. It is currently available in Black with a thickness range of 3.2mm, 4.8mm, 6.4mm, 8.0mm, 9.5mm, and 12.2mm

Thermalbond V2100 is compatible with all standard glazing compounds and adhesives tested, and the open cell structure allows air and moisture to reach the compounds to promote quicker curing. It also has excellent resistance to weathering and low thermal conductivity. In structural glazing applications it can simplify designs, and adds precision to the final assembly.

Technical information:

Internal code	V2100
St Gobain / Norton code	V2100
Colour	Black
Adhesive	Acrylic
Elongation at Break %	125
Density (kg/m ³)	500
Tensile Strength (N/cm ²)	124
Hardness (shore A)	35
Tensile Adhesion 15 mins (N/cm)	38
Shear Adhesion 15mins (N/cm ²)	28
Service Temperature (C).	-40-+80
Application Temperature(C)	15-60
Thermal Conductivity k factor W/m K	0.079

Thermalbond V2100 is a spacer material and not intended to be a structural component, but it will maintain its shape and size in all types of conditions. It has been tested against UV exposure and has shown no degradation after 3000 hours in a weatherometer. The acrylic adhesive used on Thermalbond is a pressure sensitive adhesive and therefore must be applied to clean, dry surfaces at a temperature between 15c to 60c

Please note: the above technical data is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish the suitability of the product for the intended application.

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