

## Bemo Thermal Gap Pad – Minimizes thermal bridges

### LOW THERMAL CONDUCTIVITY

The BEMO Thermal Gap Pad is made of materials with low thermal conductivity to minimize thermal bridges, and ensure lower energy costs. The Pad material has successfully passed fire and moisture testing and have high rigidity and load-bearing capacity.

BEMO Thermal Gap Pads are manufactured with quality, strength and thermal conductivity in mind. Our exclusive Gap Pads are engineered to create a thermal bridge between the structural decking and our Hook Clip. Manufactured using PVC Type-1 material, the Pads are UL94V certified for flammability. PVC Type-1 is an industry standard material that is recognized to have superior capabilities for strength, chemical resistance, thermal properties and resistance to flame spread.

BEMO Thermal Gap Pads ensure consistent and dependable installations where heat and cold can compromise building efficiency.

Minimize thermal bridges and lower energy costs.



### Typical PVC Type-1 Properties

PHYSICAL PROPERTIES	UNITS	ASTM	RESULTS
Density	lb/in <sup>3</sup>	D792	0.051
Water Absorption, 24 hrs	%	D570	0
MECHANICAL PROPERTIES	UNITS	ASTM	RESULTS
Tensile Strength @yield	psi	D638	7500
Tensile Modulus	psi	D638	411000
Flexural Strength	psi	D790	12800
Flexural Modulus	psi	D790	481000
Hardness, Rockwell R		D785	115
IZOD Impact Strength Notched	ft-lb/in	D256	1
THERMAL PROPERTIES	UNITS	ASTM	RESULTS
Coefficient of Linear Thermal Expansion	(x 10 <sup>-5</sup> in./in./°F)	D696	6.1
Heat Deflection Temp at 264 psi	°F		176
Max Operating Temp	°F		140
Flammability Rating		UL94	V – 0



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