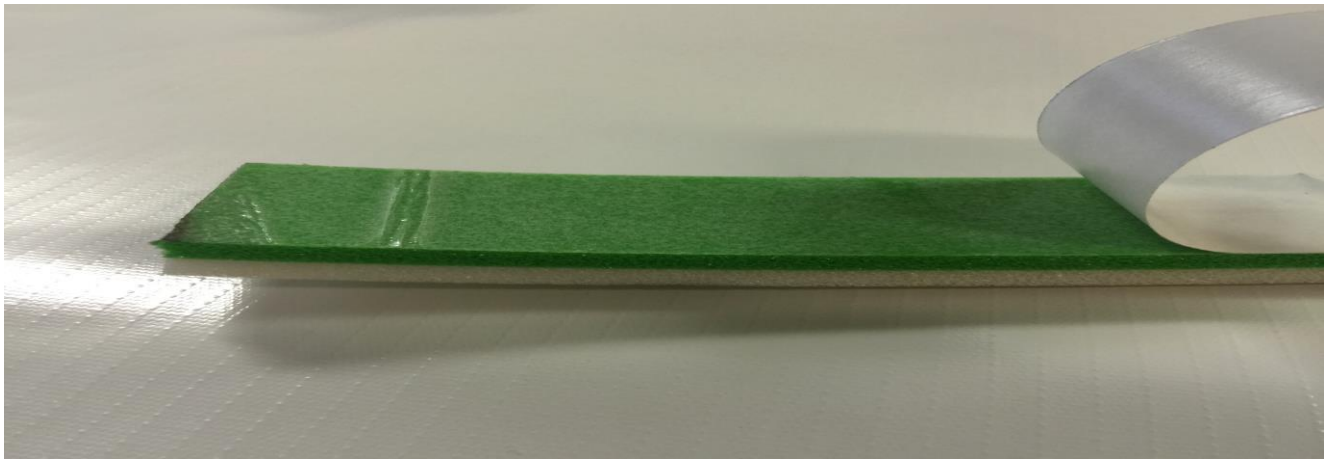
THERMACON 88 INSULATION PTY LTD
ABN 21 073 737 416

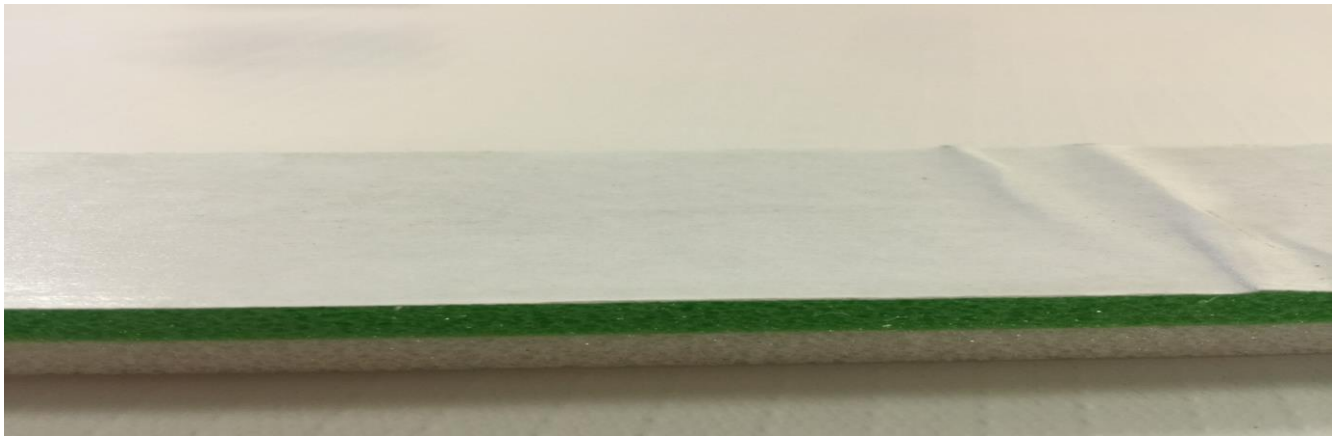
16 - 18 Hodgson Way, Kewdale WA 6105
Tel: (08) 9353 6033
Fax: (08) 9353 6066

Thermal Break Strip

Thermal Break Strips consists of a cross-linked thermal polyethylene double layered foam, used as a thermal break for commercial and residential walls, roofs and floors between external metal cladding on metal framing. The Thermal Break Strip is a heat laminated with two different densities of foam which provides a firm thermal break to ensure a stable material to fix cladding materials while achieving the desired thermal break as per NCC requirements. The Thermal Break Strip also has a high strength acrylic proprietary adhesive with a peel and stick function.

Thermal Break Strips can be supplied in 12.5mm, 20mm, 25mm, 35mm, 40mm and 50mm depending on the requirements.





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Physical properties **Properties**	**Value**	**Unit**	**Test Method**
Width	43 -2.5/+0.5	mm	Scale
Length	2.75 -0/+0.04	m	Scale

Hardness	Layer 1 Outerface (White)	61 ± 5	Degree	Durometer (Type E)
Layer 2 Inner face (Green)		56 ± 5		
Density	Layer 1 Outerface (White)	146 ± 5	kg/m3	Digital Scale
Layer 2 Inner face (Green)		132 ± 5		

Bond strength force between two layers	> 7	kgf	ASTM D3574
180o Peeling strength	> 3	kgf/25mm	FINAT No.1
Holding strength	> 50	minutes	FINAT No.8
Compressive Strength (kPA)			139.39 10% Deformation
RoHS	Passed EU Standard	ppm	IEC 62321
Fire Resistance	AS1530 Part 3 0005.		

*Physical properties for 12.5mm

Thermal Resistance R Values		
Thickness	**Thermal Conductivity**	**R Value**
12.5mm	0.041	0.3
25mm	0.041	0.6
35mm	0.041	0.85
40mm	0.041	0.97
50mm	0.041	1.2

Package Quantity 50 pcs/pack
Handling No Precautions necessary. Use of safe work practices is recommended to avoid eye or skin contact and inhalation.
Storage Store in a cool, dry area, removed from hydrofluoric acid, oxidizing agents and acids.
Warning Keep away from flames, heat and sunlight. If exposed to heat or fire, avoid breathing fumes.
Personal Protection Personal Protective Equipment is not required under normal conditions of use. Where a dust inhalation hazard exists (eg. If torn, cutting or drilling), wear dust-proof goggles and a particulate respirator.
Waste Disposal Product may be fully reused available and recycled into other products. Any wastes should be disposed of in accordance with local authority guidelines. Not classified as hazardous waste.
Transportation No dangerous goods according to international transport regulations.