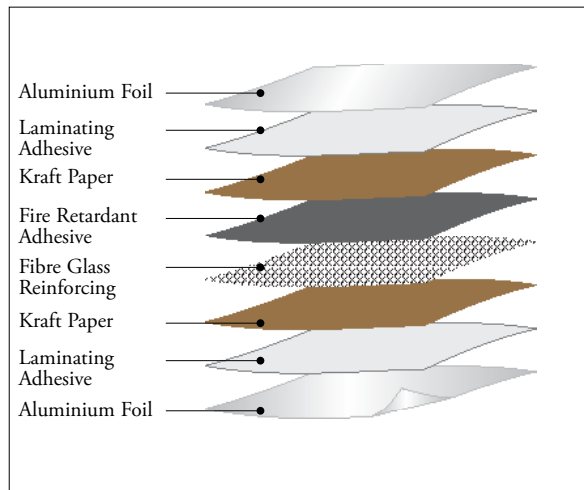


THERMOSEAL[™] MEDIUM DUTY FACING (730)



General Description

Bradford Thermoseal[™] Medium Duty Foil is a medium duty facing of bulk insulation used in roofing and cladding of residential and commercial building industry. This foil is also used as an external facing for duct wrap applications in the air conditioning industry.

Product Description

Bradford Thermoseal Medium Duty reflective foil is a product consisting of paper bonded in between two layers of aluminium foil with fire retardant adhesives. It also contains fibre glass reinforcing in between the two aluminium layers in a tri-directional pattern to provide correct serviceability required for this product.

Applications

Bradford Thermoseal Medium Duty facing acts as a waterproofing membrane and vapour barrier when installed beneath the primary roofing material, providing a secondary barrier against moisture, wind, heat, and dust penetration. Due to its high reflective properties, the use of Thermoseal with an associated air space of 20mm provides thermal insulation in domestic, industrial and commercial buildings, cold stores and cool rooms. Due to its unique construction Thermoseal Medium Duty facing is an ideal vapour barrier for facing bulk insulation for Glasswool and Fibertex[™] Rockwool and SPI pipe sections. It also improves light diffusion and utilisation when used as an exposed internal roof lining.

Thermoseal Medium Duty is suitable for these applications where high tensile strength and impact resistance is required.

Benefits

- Highly durable and easy to handle on large commercial sites
- Excellent facing carrier for bulk insulation for Glasswool and Fibertex Rockwool
- Cost effective thermal insulation
- Provides ongoing physical protection against the elements
- Reduces temperature variations and condensations inside the offices and warehouses
- Increases energy efficiency
- Improves comfort by weatherising the office, warehouse or home, minimising greenhouse gas emissions

Health & Safety

Information on any known health risks on our products and how to handle them safely is detailed on our website www.bradfordinsulation.com.au. Additional information is listed in the Material Safety Data Sheets also available on our website.

Standard Sizes & Packaging

Width (mm)	Length (m)	m ² per roll	Rolls per Pallet	Product Code
1350	60	81	25	15012
1350	300	405	-	15014
1500	600	900	-	15026

Durability/Warranty

Bradford Thermoseal Medium Duty Facing (730) is guaranteed to be free from manufacturing defects and perform in normal building applications when installed in accordance with AS/NZS 4200.2:1994 Pliable Building Membranes and Underlay's, Part 2 Installation Requirements including any special notes detailed in this data sheet or those found in Bradfords design guide documents. Please note, all work must be designed and constructed in

compliance with all provisions of the current Building Code of Australia, regulations and relevant standards. Being a secondary roofing/wall wrapping material, Bradford Thermoseal Medium Duty Facing is not designed to withstand prolonged direct exposure to the elements. Accordingly, upon application of this product the external cladding should be installed without delay. To ensure optimum thermal performance, CSR Bradford Insulation

THERMOSEAL™ MD FACING

recommends using a minimum sag of 40mm deep between the rafters, except at the eaves. To ensure effective thermal performance and satisfactory lifespan, radiant barriers such as Thermoseals must be installed with a minimum airspace of 20mm on the reflective face.

Bradford Thermoseal should not come in contact with wet concrete or other alkaline based products and should be stored in a dry place out of direct sunlight before use.

Physical Properties

Classification in accordance with AS/NZ 4200.1 unless otherwise stated. **When tested to 1530.2, it complies to requirements set out for extreme bush fire attack category BCA clause 3.7.4.3.

Classifications

Duty	Table 1 AS/NZS 4200.1:1994	Medium
Vapour Barrier	ASTM E96	High
Emittance	AS/NZS 4201.5	Double sided Reflective
Water Barrier	AS/NZS 4201.4	High
Absorbency	AS/NZS 4201.6	Unclassified
Resistance to Dry De-Lamination	AS/NZS 4201.1	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	≤0.5%
Tensile Strength	AS 1301.448	
Machine Direction(kN/m)		Min 9.5
Lateral Direction(kN/m)		Min 6
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		Min 65
Lateral Direction (N)		Min 65
Folding Endurance Test	AS 1301.423	
Machine Direction (N)		Complies
Lateral Direction (N)		Complies
Flammability Index**	AS 1530 Part 2	< 5

THERMOSEAL™ MD FACING – DATA SHEET



CSR Bradford Insulation

55 Stennett Rd, Ingleburn NSW 2565 Australia.

Telephone (02) 9765 7000 Facsimile (02) 9765 7002

www.bradfordinsulation.com.au

CSR Bradford Insulation is a business division of CSR Building Products Limited ABN 55 008 631 356

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