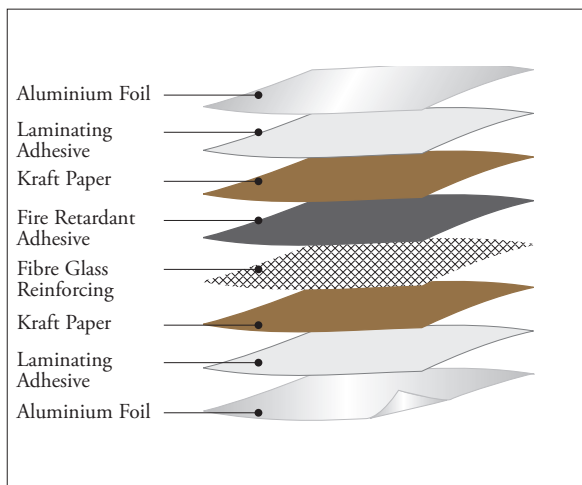


THERMOFOIL™ MEDIUM DUTY FACING (730)



General Description

Bradford Thermofoil™ 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 Thermofoil 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 Thermofoil 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 Thermofoil 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 Thermofoil 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. Thermofoil 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 condensation 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.co.nz. 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

Products not stocked in NZ may be subject to minimum runs. Please check with the Bradford office before ordering.

Durability/Warranty

Bradford Thermofoil 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. Please note, all work must be designed and constructed in compliance with all provisions of the

current New Zealand Building Code, regulations and relevant standards. Being a secondary roofing/wall wrapping material, Bradford Thermofoil 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 recommends

THERMOFOIL™ MED DTY FACING

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 Thermofoil must be installed with a minimum airspace of 20mm on the reflective face.

Bradford Thermofoil 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.

Classifications

Duty	Table 1 AS/NZS 4200.1:1994	Medium
Vapour Barrier	ASTM E96	Medium
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
Fire Resistance		
Spread Factor	AS 1530 Part 2	0
Speed Factor	AS 1530 Part 2	0
Heat Factor	AS 1530 Part 2	1
Flammability Index**	AS 1530 Part 2	4
Ignitability	AS 1530 Part 3	0
Heat Evolved	AS 1530 Part 3	0
Spread of Flame	AS 1530 Part 3	0
Smoke Developed	AS 1530 Part 3	0

THERMOFOIL™ MED DTY FACING – DATA SHEET