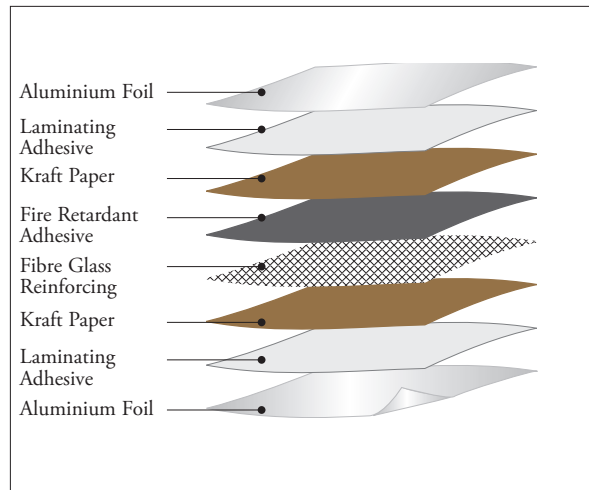


THERMOFOIL™ HEAVY DUTY FACING (750)



General Description

Bradford Thermofoil™ Heavy Duty Foil is a premium strength, heavy duty plain foil often adhered to Glasswool and Rockwool bulk insulation to satisfy requirements of air conditioning industry to externally wrap ductwork, vessels and sectional pipe insulation.

Product Description

Bradford Thermofoil Heavy Duty Foil is a heavy weight plain aluminium foil often used for facing Glasswool and Rockwool bulk insulation. It consists of two layers of aluminium foil and paper laminate, bonded with a flame retardant adhesive and reinforced with fibreglass woven in a square pattern to provide high strength and serviceability.

Applications

Bradford Thermofoil Heavy Duty acts as a waterproof sarking when installed beneath the primary roofing material, providing a secondary barrier against moisture, wind, heat, and dust penetration. Thermofoil's integral thermal insulation properties also contribute to keeping homes warmer in winter and cooler in summer. Additionally, installation of Thermofoil Heavy Duty sarking will add to the overall thermal performance of the domestic, industrial and commercial buildings, cold stores and cool rooms when a clear airspace of at least 20mm or more is provided at the reflective side of the foil face. It improves light diffusion and utilisation when used as an exposed internal roof lining. Due to its unique construction, Thermofoil Heavy Duty is an excellent

vapour barrier for facing bulk insulation and SPI pipe sections. An ideal reflective facing for Glasswool and Fibertex™ Rockwool, Thermofoil Heavy Duty is suitable for applications where high tensile strength and impact resistance is required.

Benefits

- Heavy weight, highly durable and easy to handle on large commercial sites
- Excellent facing carrier for bulk insulation for Glasswool and Fibertex Rockwool
- Excellent and cost effective thermal insulation
- Provides ongoing physical protection against the elements
- Reduces temperature variations and condensations inside the office, warehouse or home
- Improves comfort by weatherising the office, warehouse or home, minimising greenhouse gas emissions
- Increases energy efficiency
- Ideally suited as a heavy duty facing of insulation material for industrial equipment, pipe sections and air conditioning ductwork

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
750	300	225	-	15070
1000	60	60	25	15072
1000	300	300	-	15073
1200	60	72	25	15086
1200	300	360	-	15087
1350	60	81	25	15080
1350	300	405	-	15082
1500	500	750	-	15077

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

Durability/Warranty

Bradford Thermofoil Heavy Duty Facing (750) 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

THERMOFOIL™ HVY DTY FACING

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 Heavy 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 using a minimum sag of 40mm deep between the rafters, except at the

eaves. To ensure effective performance and satisfactory lifespan, radiant barriers such as Thermofoils 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	Heavy
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 Lamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	≤0.5%
Tensile Strength	AS 1301.448	
Machine Direction(kN/m)		Min 12.5
Lateral Direction(kN/m)		Min 7.5
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		Min 80
Lateral Direction (N)		Min 80
Folding Endurance Test	AS 1301.423	
Machine Direction		Complies
Lateral Direction		Complies
Fire Resistance		
Spread Factor	AS 1530 Part 2	1
Speed Factor	AS 1530 Part 2	0
Heat Factor	AS 1530 Part 2	1
Flammability Index**	AS 1530 Part 2	5
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™ HVY DTY FACING – DATA SHEET