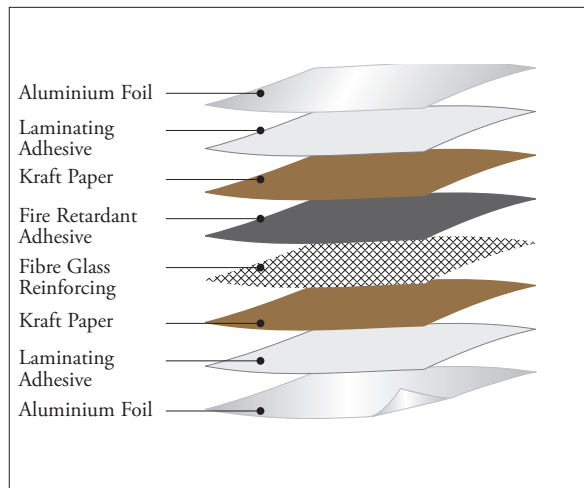


THERMOFOIL™ LIGHT DUTY FACING (729)



General Description

Bradford Thermofoil™ Light Duty Foil is an economical grade reflective foil, specifically designed for facing of bulk insulation for the metal deck roofing to act as a vapour barrier and protect against condensation.

Product Description

Bradford Thermofoil™ Light Duty facing foil is a lightweight radiant barrier consisting of two layers of aluminium foil laminated to a central core of kraft paper with flame retardant adhesives and reinforced with a fibre glass reinforcing yarn in between the two aluminium layers in a tri-directional pattern.

Applications

Due to its high reflective properties, Bradford Thermofoil™ Light Duty facing foil acts as lightweight radiant barrier and with an associated air space of 20mm provides thermal insulation in domestic, industrial and commercial buildings, cold stores and cool rooms, and waterproof sarking in metal deck roofing where joist spacing is less than 900mm. Thermofoil Light Duty facing has a low water vapour transmission rate, and hence is an ideal vapour barrier against moisture penetration and is also used for facing bulk insulation for Glasswool

and Fibertex™ Rockwool. Thermofoil improves light diffusion and utilisation when used as an exposed internal roof lining. Thermofoil Light Duty facing is ideal for those applications where tensile strength and impact resistance are of lesser importance.

Benefits

- Pliable, light weight, strong and easy to use
- Excellent facing carrier for bulk insulation for Glasswool and Fibertex Rockwool
- Ideal for under metal decking roof
- Provides ongoing physical protection against the elements
- Reduces temperature variations and condensation inside the home, office or warehouse
- Increases energy efficiency; and
- Improves homeowner comfort by weatherising the home

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
1200	300	360	-	15002
1350	60	81	50	17396
1350	500	675	-	15007

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

Durability/warranty

Bradford Thermofoil Light Duty Facing (729) is a general purpose facing product and is guaranteed to be free from manufacturing defects. Thermofoil Light Duty will 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 material,

Bradford Thermofoil Light Duty is not designed to withstand prolonged direct exposure to the elements. Accordingly, upon application of this product the outer external cladding should be installed without delay. In roofing applications, 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 Thermofoil must be installed with a minimum airspace of 20mm on either side, or if faced to bulk insulation an airspace of at least 20mm.

THERMOFOIL™ LGT DTY FACING

Physical Properties

Classification in accordance with AS/NZ 4200.1 unless otherwise stated.

Classifications

Duty	Table 1 AS/NZS 4200.1:1994	Light
Vapour Barrier	ASTM E96	Medium
Emittance	AS/NZS 4201.5	Double sided Reflective
Water Barrier	AS/NZS 4201.4	High
Absorbency	AS/NZS 4201.1	Unclassified
Resistance to Dry De-Lamination	AS/NZS 4201.2	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.3	Pass
Shrinkage	AS/NZS 4201.6	≤0.5%
Tensile Strength	AS 1301.448	
Machine Direction(kN/m)		Min 7.5
Lateral Direction(kN/m)		Min4.5
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		Min 45
Lateral Direction (N)		Min 45
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	3
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™ LGT DTY FACING – DATA SHEET