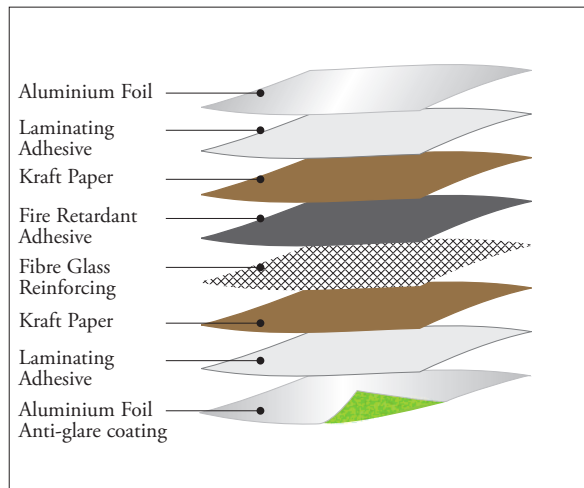


THERMOFOIL™ MEDIUM DUTY SARKING (733)



General Description

Bradford Thermofoil™ Medium Duty Sarking Foil is designed for use under both tiled and metal deck roofs for commercial roofs and also as a wall system for domestic, industrial and commercial buildings.

Product Description

Bradford Thermofoil™ Medium Duty Foil is a sarking foil consisting of kraft paper bonded in between two layers of aluminium foil with fire retardant adhesives. It also contains fibre glass reinforcing yarn in between the two aluminium layers in a tri-directional pattern. Thermofoil 733 has a green antiglare coating on one surface to reduce glare.

Applications

Bradford Thermofoil Medium Duty sarking acts as a waterproof membrane and vapour barrier when installed beneath the primary roofing material, providing a secondary barrier against moisture, wind, heat, dust penetration and condensation control under metal deck roof. Thermofoil's integral thermal insulation properties also contribute to keeping homes warmer in winter and cooler in summer. Additionally, installation of Thermofoil Medium Duty sarking will add to the overall thermal performance of the roof and wall when a clear airspace of at least 20mm or more is provided at the reflective side of the foil face. Reducing glare from the external face of a building is an important site construction and road safety requirement. Thermofoil Medium Duty Sarking

has a green antiglare which is installed to the outside of the building to reduce reflection to acceptable levels. Due to its unique construction, Thermofoil Medium Duty sarking has a medium water vapour transmission rate making it suitable for light weight wall cladding applications that are batten fixed, battens thereby providing the required air space of 20mm in between cladding and the foil.

Benefits

- Highly durable and easy to handle on large commercial sites
- Excellent and cost effective thermal insulation
- Provides ongoing physical protection against the elements
- Reduces temperature variations and condensation inside the office, warehouse or home
- 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	Roll Weight (kg)	Product code
1350	60	81	30	15061

Durability/Warranty

Bradford Thermofoil Medium Duty Sarking (733) 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 Underlays, 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 Thermofoil Medium Duty Sarking (733) 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. Bradford Thermofoil

THERMOFOIL™ MED DTY SARKING

Medium Duty Sarking (733) should be installed with the green anti-glare side facing outwards. To ensure optimum thermal performance, CSR Bradford Insulation recommends using a minimum sag of 40mm deep between the rafters, except at the eaves. When a secondary batten is used in roofing and wall applications, CSR Bradford Insulation recommends Thermofoil to be fitted under the batten to maintain an even air space between cladding and the foil. 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. **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	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/NZ 4201.1	Pass
Resistance to Wet Lamination	AS/NZ 4201.2	Pass
Shrinkage	AS/NZ 4201.3	≤0.5%
Tensile Strength	AS 1301.448	
Machine Direction(kN/m)		(Min 9.5) 10.2
Lateral Direction(kN/m)		(Min 6) 7.1
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		(Min 65) 91.5
Lateral Direction (N)		(Min 65) 96.5
Folding Endurance	AS 1301.423	
Machine Direction		>2.00
Cross Direction		>1.70
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

THERMOFOIL™ MED DTY SARKING – DATA SHEET

Bradford™
for smarter environments

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