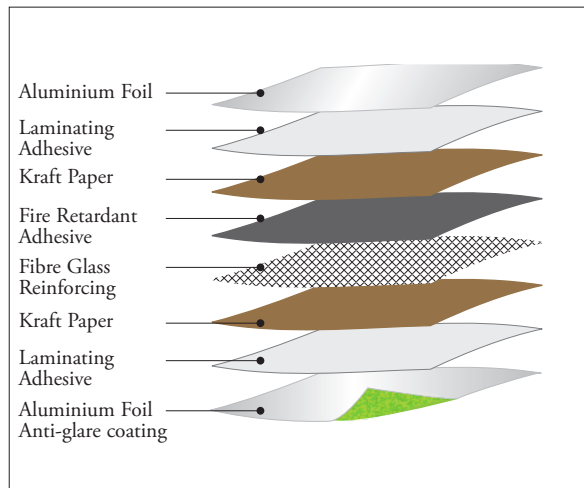


THERMOFOIL™ HEAVY DUTY SARKING (753)



General Description

Bradford Thermofoil™ Heavy Duty Foil is a heavy weight sarking with enhanced puncture and wind flap resistance. It is designed for use under both tiled and metal deck roofs for residential and commercial sites.

Product Description

Bradford Thermofoil Heavy Duty Foil is a heavy weight aluminium foil product consisting of two layers of aluminium foil and paper laminate, bonded with a flame retardant adhesive and reinforced with fibreglass woven in a square pattern providing high strength and serviceability. Thermofoil 753 has a green antiglare coating on one surface to reduce glare.

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, dust penetration and condensation control under metal deck roof. Thermofoil's intergral thermal insulation properties also contribute to keeping homes warmer in winter and cooler in summer. Additionally, the 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. Thermofoil Heavy Duty Sarking has a green antiglare to reduce reflection from the external face of a building which is an important site construction

and road safety requirement. Thermofoil Heavy Duty Sarking when used under metal decking roof should be fitted under the batten, thereby providing the required air space of 20mm in between metal cladding and the Thermofoil. 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 these applications where high tensile strength and impact resistance is required.

Benefits

- Heavy weight, 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	Product Code
1350	60	81	32	15091

Durability/Warranty

Bradford Thermofoil Heavy Duty Sarking (753) 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 and/or AS 1904 Australian Code of Practice

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/

THERMOFOIL™ HVY DTY SARKING

wall wrapping material, Bradford Thermofoil Heavy Duty Sarking (753) 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 Heavy Duty Sarking (753) 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 the 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. Please note, antiglare coating on the product may vary from batch to batch.

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	Heavy
Emittance	AS/NZS 4201.5	Reflective
Vapour Barrier	ASTM E96	Medium
Water Barrier	AS/NZS 4201.4	High
Absorbency	AS/NZS 4201.6	Unclassified
Shrinkage	AS/NZS 4201.3	50.5%
Tensile Strength	AS 1301.448	
Machine Direction(kN/m)		(Min 12.5) 15.4
Lateral Direction(kN/m)		(Min 7.5) 10.2
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		(Min 80) 123
Lateral Direction (N)		(Min 80) 83.8
Folding Endurance	AS 1301.423	
Machine Direction		>2.00
Cross Direction		>1.70
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

Bradford™
for smarter environments

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

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THERMOFOIL™ HVY DTY SARKING – DATA SHEET

CSR