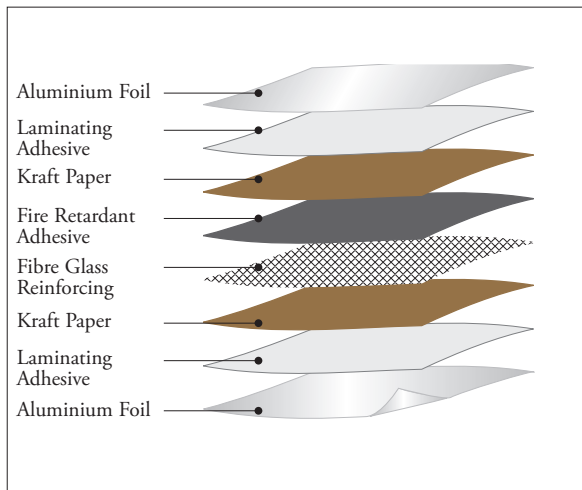


THERMOFOIL™ MEDIUM DUTY FACING (730)



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 condensations 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.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 | Rolls per Pallet | Product Code |
|------------|------------|-------------------------|------------------|--------------|
| 1350 | 60 | 81 | 25 | 15012 |
| 1350 | 300 | 405 | - | 15014 |
| 1500 | 600 | 900 | - | 15026 |

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 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 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

THERMOFOIL™ MED DTY FACING

performance, CSR Bradford Insulation recommends 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 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/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) 10.8 |
| Lateral Direction(kN/m) | | (Min 6.0) 7.8 |
| Edge Tear Resistance | TAPPI T470 | |
| Machine Direction (N) | | (Min 65) 101 |
| Lateral Direction (N) | | (Min 65) 117 |
| Folding Endurance | AS 1301.423 | |
| Machine Direction | | >2.00 |
| Lateral 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 |

THERMOFOIL™ MED DTY FACING – DATA SHEET

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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