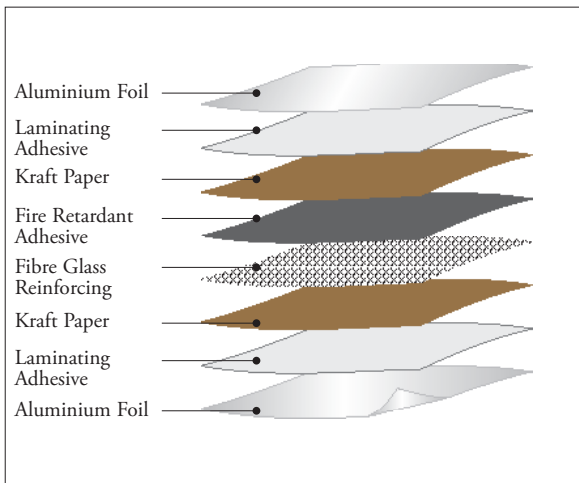


## THERMOSEAL™ HEAVY DUTY FACING (750)



### General Description

Bradford Thermofoil™ 750HD is a heavy duty, double sided reflective foil laminate designed for use as a facing for bulk insulation and an internal/external HVAC insulation facing (within interior applications). The additional strength of this product helps to provide improved impact resistance and a smoother surface appearance.

Thermofoil 750HD is constructed from two layers of kraft paper reinforced with a fiberglass yarn to provide strength, bonded between two layers of aluminium foil with a fire retardant adhesive. This product is classified as a vapour and water barrier and should only be used in applications where a high resistance to water vapour transmission is required.

### Applications

Thermofoil 750HD is recommended for the following applications:

- Bulk insulation facing when used in roofing applications
- HVAC duct insulation facing (internal and external) when used in an internal environment
- Facing of bulk insulation for low temperature industrial applications used in an internal environment

This product may also be used as a secondary

waterproofing membrane and vapour barrier when installed with suitable drainage and sealing of all penetrations, discontinuities and joins. This product can contribute a reflective air-gap R-Value when positioned adjacent to an air gap greater than 20mm.

This product is not recommended for use as a roof sarking or building wrap due to the dual reflective surfaces.

### Benefits

- Heavier gsm and strength provides improved surface appearance
- Provides excellent levels of light reflectance
- Easy to bond to bulk insulation

### Health & Safety

**WARNING:** This product contains aluminium foil and it can conduct electricity. To avoid electrocution, care should be taken to ensure that this product does not come into contact with electrical wiring during installation or use. Avoid use of metal staples near electrical wiring and check circuits for leakage after installation of foil products. Information on any known health risks on our products and how to handle them safely is detailed on our website [www.bradfordinsulation.com.au](http://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 <sup>2</sup> per roll	Rolls per Pallet	Product Code
750	300	225	-	15070
1000	60	60	25	15072
1000	300	300	5	15073
1200	60	72	25	15086
1200	300	360	5	15087
1350	60	81	25	15080
1350	300	405	5	15082
1500	500	750	5	15077

# THERMOSEAL™ HD FACING

## Installation Guidance

This product should be 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 other Bradford 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.

Important Note: This material is a secondary membrane and 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.

Thermal Performance: To ensure effective thermal performance and satisfactory lifespan, this product must be installed with a minimum airspace of 20mm on the reflective face(s).

## Storage

This product 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. Where possible, store in original packaging or wrap in plastic to prevent water and surface damage.

## Performance Specifications

Classification in accordance with AS/NZ 4200.1 unless otherwise stated. \*\*When tested to 1530.2, it complies with 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
Vapour Barrier	ASTM E96	Class 1 (High)
Emittance	AS/NZS 4201.5	Double sided Reflective
Water Barrier	AS/NZS 4201.4	Water Barrier (High)
Absorbency	AS/NZS 4201.6	Low
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%
<b>Tensile Strength</b>	AS 1301.448	
Machine Direction(kN/m)	Min 12.5	Complies
Lateral Direction(kN/m)	Min 7.5	Complies
<b>Edge Tear Resistance</b>	TAPPI T470	
Machine Direction (N)	Min 80	
Lateral Direction (N)	Min 80	
<b>Folding Endurance Test</b>	AS 1301.423	
Machine Direction		Complies
Lateral Direction		Complies
<b>Fire Resistance</b>		
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



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