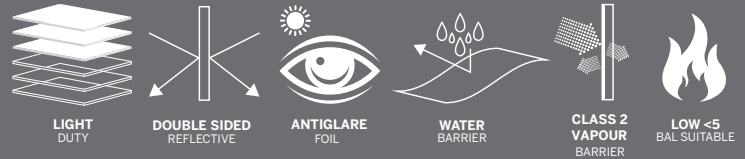


THERMOSEAL ROOF METAL WALL

DESCRIPTION: Light Duty, Reflective Roof Sarking / Wall Wrap with Antiglare
SUITABILITY: Metal roof and brick veneer walls



IMPORTANT INFORMATION

- This product is only recommended for the applications listed in this datasheet unless advised otherwise by an official Bradford technical representative.
- This product is not recommended for use with concrete, terracotta or slate tile roofs.
- This product is not designed to withstand prolonged exposure to UV or weather. Once installed the exterior wall or roof must be applied as soon as possible.
- Prior to installation, this product should be stored in a cool dry place away from sunlight, and should not come into contact with wet concrete or alkaline based materials.
- This product contains aluminium foil which conducts electricity. To avoid electrocution, care should be taken to ensure that this product or conductive fasteners used to secure this product, do not come into contact or close proximity with electrical wiring during installation or use.
- To maintain the water barrier property of this material, it should not be creased, crushed or sharply folded during installation.

PRODUCT DESCRIPTION

Bradford Thermoseal™ Roof Metal Wall is a Light Duty antiglare aluminium foil and reflective foil wall wrap or roof sarking that is laminated to an extra layer of kraft paper and fibreglass mesh using a fire retardant hot melt adhesive.

- This product meets the requirements of the AS/NZS 4200.1 and is suitable for use in Australian residential applications.

CLIMATE ZONE

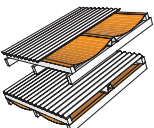
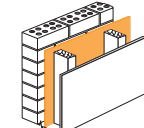
This product is recommended for use in hot to cold climate zones where there are lower levels of insulation used and vapour and water barrier properties are required.

CLASSIFICATION

This product meets the requirements of AS/NZS 4200.1		
CRITERIA	RESULT	
Product Identifier	Roof Metal Wall	
Duty Classification (AS/NZS 4200.1)	Light Duty	
Tensile Strength (AS/NZS 1301.448s)	Machine	≥ 7.5
	Lateral	≥ 4.5
Edge Tear Resistance (TAPPI T470)	Machine	≥ 65
	Lateral	≥ 45
Water Control Classification (AS/NZS 4201.4)	Water Barrier	
Vapour Classification (ASTM E96)	Class 2 Vapour Barrier	
Vapour Permeability (ASTM E96)	< 0.1429 µg/N.s	
Emissivity (AS 4201.5)	Inward Facing	Reflective (0.05)
	Outward Facing	Semi-Reflective (0.09)
Flammability Index (AS 1530.2)	≤ 5 (Low)	
Electrical Conductivity (AS/NZS 3100)	Conductive	
Resistance to Dry Delamination (AS/NZS 4201.1)	Pass	
Resistance to Wet Delamination (AS/NZS 4201.2)	Pass	
Shrinkage (AS/NZS 4201.3)	≤ 0.5%	

Classifications in accordance with AS/NZS 4200.1. This product should be installed in accordance with AS 4200.2

APPLICATION TABLES

	Pitched Metal Roof Non-Ventilated Roof Space			Brick Veneer Wall	
	Summer	Winter		Summer	Winter
	R_t 1.9	R_t 1.2*		R_t 1.6	R_t 1.8

*Not suitable for slate roof tiles.

Weather Exposure: This product is a secondary sarking material and is not designed to withstand prolonged direct exposure to the elements - accordingly, the exterior cladding should be installed without delay. Product exposed to harsh weather conditions, or for more than 6 weeks for wall or 2 weeks for roof applications, should be inspected for damage prior to installation of the exterior cladding and damaged product should be repaired or replaced to comply with the product warranty.

* This product is only recommended for the applications listed in this datasheet unless advised otherwise by an official Bradford technical representative.

APPLICATION DETAIL

Bradford Thermoseal™ Roof Metal Wall is suitable underneath metal sheet roofs. It may also be used as a wall wrap behind Brick Veneer walls. The reflective aluminium side should face inward towards the internal wall or roof cavity and the semi-reflective antiglare side should face outward towards the external wall or roof. To achieve thermal performance on the semi-reflective antiglare side, it should face a minimum 40mm cavity. To achieve thermal performance on the reflective aluminium surface, it must be facing a minimum 100mm air cavity in the roof space.

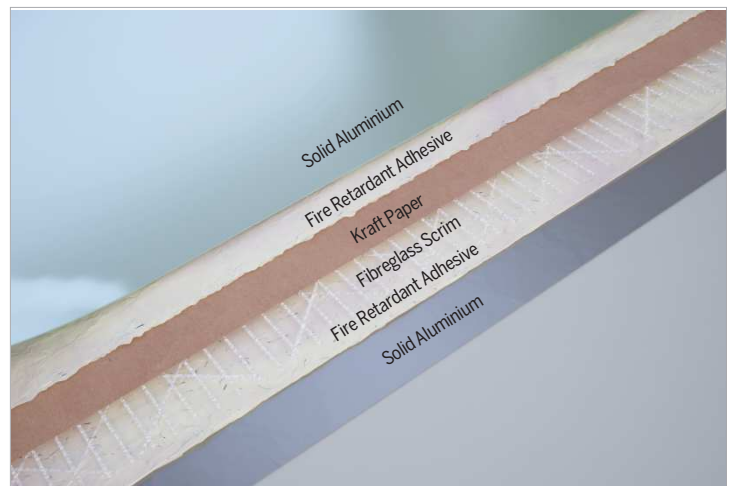
- This product is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959.

For more information on how to install this product correctly see the Bradford Wall Wrap and/or Roof Sarking Installation guide at bradfordinsulation.com.au

PRODUCT DIMENSIONS

PRODUCT NAME	WIDTH (mm)	LENGTH (m)	m ² PER ROLL	WEIGHT (kg)	PRODUCT CODE
Roof Metal Wall	1350	30	40.5	9.95	105871
Roof Metal Wall	1350	60	81	21.1	15056

PRODUCT CONSTRUCTION



CONDENSATION CONSIDERATION

Please consider condensation risk prior to use. This product is classified as a Vapour Barrier and when positioned on the cold side of the construction it may increase the risk of condensation entrapment within the structure. To reduce this risk, particularly in cooler climates zones, consider the use of the Bradford Enviroseal vapour permeable range of products.

R-VALUE ASSUMPTIONS

Product performance is calculated in accordance with AS/NZS 4859.1 and the stated thermal performance is the depicted applications Total R-Value. The contribution of this product to the Total R-Value depends upon installation and environmental conditions, and will be reduced in those cavities that are ventilated. In brick veneer wall applications, a minimum brick cavity air gap of 40mm and stud cavity air gap of 90mm is required to contribute to thermal performance. Addition of bulk insulation to the wall stud cavity diminishes the reflective air gap R-Value contribution of this product.

- Calculations are based upon a temperature difference of 6°C for heat flow out and 12°C for heat flow in.
- Emissance of reflective surface ≤0.05 and non-reflective surface ≥0.90.