

# Thermoseal Wall Breather

## RESIDENTIAL WALL WRAP

### PRODUCT DESCRIPTION

Thermoseal Wall Breather is a tough, light duty classified wall wrap for use in exterior brick veneer wall construction. Thermoseal Wall Breather is micro-pierced for applications requiring air transmission between each side of the membrane and provides an inward facing reflective air-gap R-Value when positioned adjacent to a still air cavity greater than 25mm. The product has a green backing to reduce glare during installation.

**Important Note:** Wall Breather allows air transfer between each side of the membrane and is a 'Non-Water Barrier'. This product is not suitable for use behind lightweight cladding unless specified by manufacturer - use the Enviroseal range as an alternative.

### KEY FEATURES

- Provides a reflective air-gap R-Value
- Suitable for use in BAL regions
- Allows air transfer between each side of the membrane
- Tough and lightweight for easy installation

### APPLICATION SUITABILITY

Bradford Thermoseal Wall Breather is suitable for use as an external wall wrap in residential brick veneer applications where air transfer between each side of the membrane is required to facilitate drying or ventilation of the cavity. Wall Breather is also designed to contribute a reflective air-gap R-Value when installed adjacent to a void in the internal stud wall cavity.

**Application Consideration:** Due the air transfer properties of this product, it is not recommended for use in colder climate applications in conjunction with higher levels of insulation - consider the use of the Enviroseal ProctorWrap range of vapour permeable products.

### INSTALLATION GUIDANCE

Thermoseal Wall Breather will perform in normal building applications when installed in accordance with AS/NZS4200.2:1994 Pliable Building Membranes & Underlays, Part2 Installation Requirements.

1. This product should be installed with the non-reflective surface facing outwards.
2. All proper safety measures should be taken during installation of Thermoseal, all relevant OHS and statutory regulations must be followed.

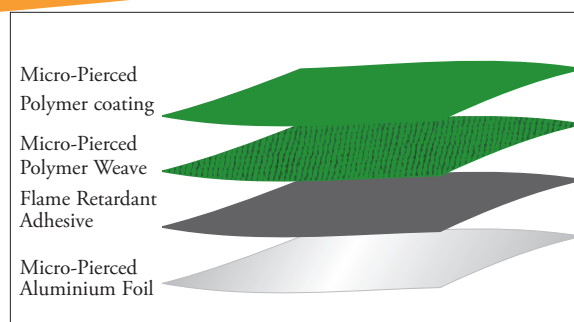


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**Weather Exposure:** This product is a secondary sarking material and is not designed to withstand prolonged direct exposure to the elements - accordingly, the exterior cladding should be installed without delay. Product exposed to harsh weather conditions, or for more than 6 weeks, 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.

## STANDARD SIZES & PACKAGING

WIDTH (MM)	LENGTH (M)	M <sup>2</sup> PER ROLL	ROLLS PER PALLET	PRODUCT CODE
1350	30	40.5	100	101254
1350	60	81	50	15123



## HEALTH & SAFETY

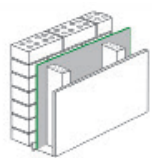
Information on any known health risks on our products and how to handle them safely is detailed on our Material Safety Data Sheets which are available on our website.

**Warning:** Thermoseal Wall Wrap Breather contains aluminium foil which conducts electricity. To avoid electrocution, care should be taken to ensure Thermoseal products do not come into contact with electrical wiring during installation or use.

## THERMAL PERFORMANCE

This product complies with the requirements of AS/NZS4859.1 – stated thermal performance is the application's Total R-Value.

- The contribution of this product to Total R-Value depends on installation and environmental conditions.
- 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.
- The R-Value will be reduced in those cavities that are ventilated.
- Temperature difference 6°C for heat flow out and 12°C for heat flow in.
- Emittance of reflective foil surfaces 0.05 or less.
- Addition of bulk insulation to the wall stud cavity diminishes the reflective air-gap contribution of this product.



Brick Veneer Wall	
Total R-Values	
Summer	Winter
R <sub>T</sub> 1.2	R <sub>T</sub> 1.3

## CLASSIFICATIONS

Duty	Table 1 AS/NZS 4200.1:1994	Light Duty
Vapour Barrier	ASTM E96	Medium Vapour Barrier
Emittance	AS/NZS 4201.5	Reflective
Water Barrier	AS/NZS 4201.4	Non-Water Barrier
Shrinkage	AS/NZ 4201.3	≤0.5%
Resistance to Dry De-Lamination	AS/NZ 4201.1	Pass
Resistance to Wet De-Lamination	AS/NZ 4201.2	Pass
Tensile Strength		
Machine Direction(kN/m)		Min 7.5
Lateral Direction(kN/m)		Min 4.5
Edge Tear Resistance	TAPPI T470	
Machine Direction (N)		Min 45
Lateral Direction (N)		Min 45
Fire Resistance		
Flammability Index	AS 1530 Part 2	Low <5



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