

Thermoseal Firespec™

NON-COMBUSTIBLE WALL WRAP OR ROOF SARKING

PRODUCT DESCRIPTION

Bradford Thermoseal FireSpec is a non-combustible wall wrap/roof sarking that meets the non-combustible requirements of BCA 2016 Volume 1 clause C1.12 and Volume 2 clause 3.7.1.2, or where there is a requirement to construct from non-combustible materials. Thermoseal Firespec is a single sided reflective foil laminate constructed from pure aluminium foil and a white high temperature woven glass fabric which achieves a high water holdout classification and is rated as an extra heavy duty sarking.

KEY FEATURES

- Non-combustible in accordance with BCA 2016 Volume 1 clause C1.12 and Volume 2 clause 3.7.1.2
- Suitable for use in BAL zones 12.5 to FZ
- Ideal as a wall wrap or roof sarking where non-combustible construction is specified
- Manufactured from a high quality woven e-glass fabric

APPLICATION SUITABILITY

- Recommended for applications requiring a non-combustible wall wrap or roof sarking and where the use of a medium vapour barrier product will not increase condensation risk - seek expert advice if in doubt
- Not suitable for use behind lightweight cladding unless specified by manufacturer - consider the Enviroseal range as an alternative.

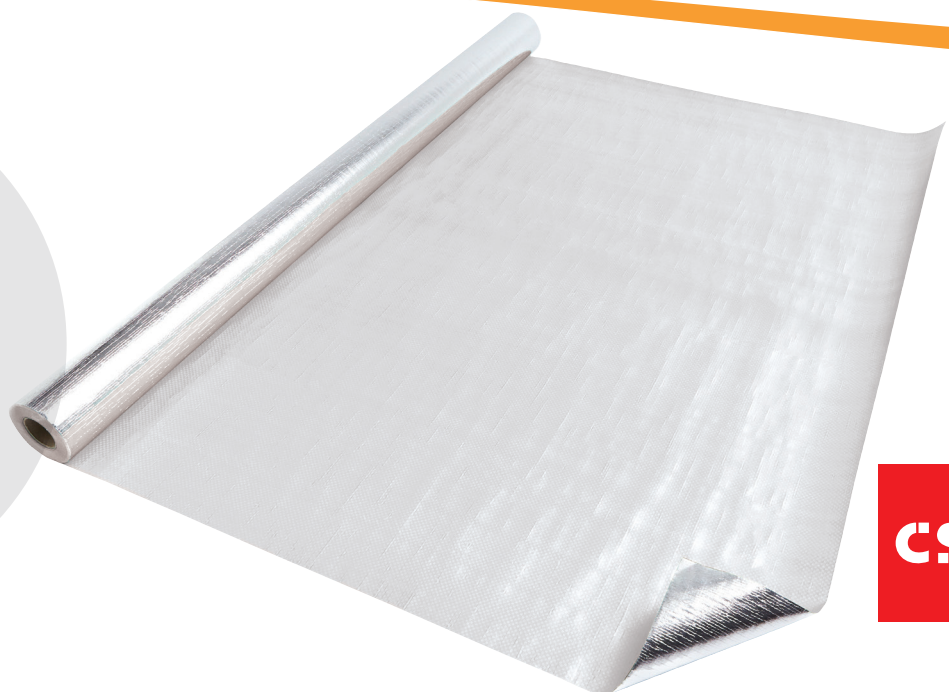
STANDARD SIZES AND PACKAGING

WIDTH (mm)	LENGTH (m)	m ² PER ROLL	ROLLS PER PALLET	PRODUCT CODE
1500	30	45	104	164674

ACCESSORIES

APPLICATION	PRODUCT	WIDTH (mm)	LENGTH (m)	ITEMS PER CARTON	PRODUCT CODE
Foil side: sealing joins/penetrations - use on fabric side for non-combustible applications	493 Reinforced Foil Tape	72	50	16	17369
Fabric side: sealing joins/penetrations - not suitable for non-combustible applications	Enviroseal ProctorWap HighTack Tape	60	25	10	155170
Fixing washers	Bradfix Plasti-Grip Washers	OD45	-	1000	133815

Non-Combustible Wrap



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INSTALLATION GUIDANCE

- **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. Note: Installation should always be in accordance with AS/NZS4200.2.
- **Installation:** Roll out either vertically or horizontally completely covering all external frame members with the non-reflective side facing outward.
- **Fixings:** Affix using either battens/top-hats/clips or Bradfix Plasti-Grip Washers at 600mm centres, or alternatively staples at 150mm centres. Note: Adjust spacing/type of fastener to suit the prevailing wind conditions that may be experienced prior to cladding.
- **For roof applications:** Roll sarking over rafters with a spacing of ≤ 900 mm centres prior to installing battens.
- **Overlaps:** All overlaps should be 150mm with the upper layer overlapping the lower to shed water away from the framing.
- **Sealing:** Tape all vertical joints and where a water, air or vapour seal is required. Secure the lap with at least one fastener or batten at every frame member.

STORAGE GUIDANCE

Prior to installation, this product should be stored in a cool and dry place away from sunlight and should not come in to contact with water, wet concrete or other alkaline based materials.

CLASSIFICATIONS

CRITERIA	REFERENCE	REQUIREMENT	RESULT	
Non-combustibility	AS1530.1 / CSIRO report FCO-3235	Combustible / Non-Combustible	Non-Combustible	
Flammability index	AS1530.2	≤ 5 (Low)	0 (Low)	
Ignitability Index	AS/NZS1530.3	0 - 20	0	
Flame propagation Index		0 - 10	0	
Heat evolved Index		0 - 10	0	
Smoke developed Index		0 - 10	1	
Duty classification	AS/NZS 4200.1	Refer tensile below	Extra Heavy Duty	
Emissivity	AS4201.5	IR Reflective ≤ 0.05	IR reflective (≤ 0.05) - RN	
Vapour barrier ($\mu\text{g}/\text{N.s}$)	ASTM E96	Class 1 to 4	Class 2 (Medium)	
Water barrier	AS/NZS 4201.4	Water Barrier/Non Water barrier	Water Barrier	
Resistance to dry de-lamination	AS/NZS 4201.1	Pass / Fail	Pass	
Resistance to wet de-lamination	AS/NZS 4201.2	Pass / Fail	Pass	
Shrinkage	AS/NZS 4201.3	$\leq 0.5\%$	0%	
Tensile strength (kN/m)	AS/NZS 1301.448s	Machine	≥ 13.5	Pass
		Lateral	≥ 10.5	Pass
Edge tear (N)	TAPPI T470	Machine	≥ 90	Pass
		Lateral	≥ 90	Pass