

# TECHNICAL DATA SHEET

## SISALATION® VAPAWRAP™ METAL ROOF

### Product description and typical applications

Sisalation® Vapawrap™ Metal Roof is intended for use in Australia's cold regions where a water-proof, vapour permeable membrane is required. Sisalation® Vapawrap™ Metal Roof is synthetic roof sarking specifically designed for use under a range of roof cladding materials.

When used in a metal roof application, Sisalation® Vapawrap™ Metal Roof shall be installed as a continuous membrane to allow for drainage of liquid water into the gutter.

Sisalation® Vapawrap™ Metal Roof features a micro-porous water resistant film sandwiched between two layers of mould and shrink resistant, spun-bonded polyolefin.

Sisalation® Vapawrap™ Metal Roof provides greater heat shrink resistance compared to traditional polymer-weave based membranes, and is therefore less likely to shrink in a metal roof application. Sisalation® Vapawrap™ Metal Roof helps to mitigate the risk of condensation.

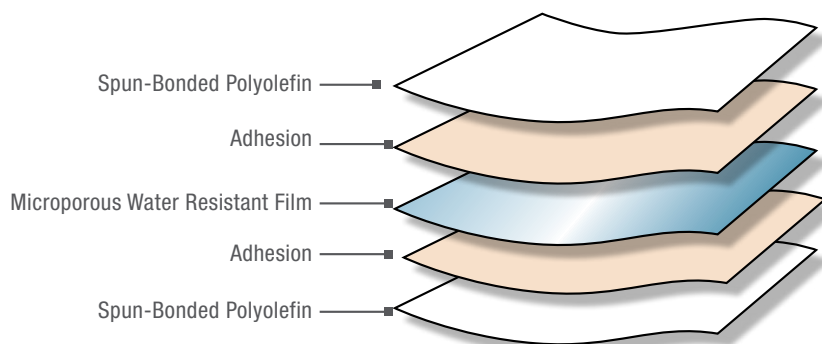


### Physical characteristics

Product	Width mm	Length m	Area per roll m <sup>2</sup>	Weight per roll kg	Product code
Sisalation® Vapawrap™ Metal Roof	1250	40	50.00	11.10	395357



### Product composition



## Technical specifications

AS/NZS 4200.1 Properties	Property Performance Requirement	Actual Property Performance	AS/NZS 4200.1 Classification
Shrinkage	≤ 0.5%	Pass	
Absorbency	≥ 100 g/m <sup>2</sup>	Pass	High
Vapour Barrier	≤ 7 MN s/g	Pass Vapour barrier: 0.212 MN.s/g Vapour permeance: 4.73µg/N.s	Low
Water Barrier	≥ 100mm	Pass	High
Emittance			Non-reflective
Edge Tear and Tensile Strength	<b>Edge tear:</b>		
		Machine direction (average) > 320 N	Extra Heavy
		Cross direction (average) > 289 N	Extra Heavy
	<b>Tensile strength:</b>		
		Machine direction (average) > 6.0 kN/m	Extra Light
		Cross direction (average) > 5.8 kN/m	Light
Flammability	≤5	Pass	Low

## Thermal performance

For complete Total R-value guidance visit [www.insulation.com.au/fletcherspecpro](http://www.insulation.com.au/fletcherspecpro)

## Important notes

- Sisalation® Vapawrap™ Metal Roof is not designed to withstand prolonged direct exposure to weather elements. Following installation of Sisalation® Vapawrap™ Metal Roof, the external cladding must be fixed within seven days.
- Sisalation® Vapawrap™ Metal Roof shall be installed in accordance with AS/NZS 4200.2:1994 "Pliable Building Membranes and Underlays - Installation Requirements for Metal Roofs, Tile Roofs and Walls".
- Building Designer to consider the suitability of this product based on the project design requirements.

## Green Star compliant

Ozone Depleting Potential (ODP) substances are not used in the manufacture or composition of Sisalation® Vapawrap™ Metal Roof.

The use of Sisalation® Vapawrap™ Metal Roof guarantees the use of zero ODP product while also ensuring that no harmful levels of Volatile Organic Compounds (VOC's) are released. This allows the incorporation of environmentally preferable products whilst also maintaining indoor air quality.

## Specification notes

The metal roof membrane shall be Fletcher Insulation Sisalation® Vapawrap™ Metal Roof installed in accordance with AS/NZS 4200.2:1994.

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FTDS15\_Revision\_2\_ Issue Date 22062017

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