



# pro clima SOLITEX MENTO® 5000

## Roof Weather Resistive Barrier

SOLITEX MENTO® 5000 provides superior weather and condensation protection for your roof, under all weather conditions. It is suitable to be used in tile, metal and slate roof applications\*. SOLITEX MENTO® 5000 protects your roof and building envelope from the elements during construction, whilst allowing any internal moisture to escape through the vapour permeable, non-porous TEEE<sup>+</sup> layer.

- ✓ Excellent UV resistance
- ✓ Highly vapour permeable (Class 4)
- ✓ Rated to withstand temperatures of up to 120°C
- ✓ Weathertight & airtight weather resistive barrier (WRB)
- ✓ Long-term durability



\*Please review AS 4200.2:2017 Pliable Building Membranes and Underlays Part 2: Installation

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**Your local support**  
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### Technical Data

Cover fleece + protective layer:	PP microfibre fleece		
Membrane:	Monolithic TEEE <sup>†</sup> film		
UV stability and outdoor exposure:	90 Days	ASTM G154	
Duty classification:	Light	AS/NZS 4200.1-2017	
Vapour classification:	Class 4 (Permeable)	AS/NZS 4200.1-2017	
Thickness:	0.70 mm ± 0.1 mm	EN1489-2	
Flammability index:	< 5	AS 1530.2-1993	
Temperature resistance:	-40 °C to +120 °C		
Heat shrinkage @ 70°C:	MD / LD	0.0% , 0.0%	ASTM D1204
Edge tear:	MD / LD	360 / 253 N	TAPPI T470
Tensile strength:	MD / LD	7.7 / 5.5 kN/m	AS 1301.448s-1991
S <sub>d</sub> value, equiv. air layer thickness:	0.05 m ± 0.02 m		ISO 12572 C (equiv. 0.255MNs/g)
Vapour permeance:	3.9215 µg/N.s		
Water control:	10,000 mm		EN 20811
	Pass (> 100 mm)		AS/NZS 4201.4-1994
	Water barrier		AS/NZS 4200.1-2017
Emittance:	Front / Back	0.9 / 0.9	AS/NZS 4200.1-2017
	Classification	NN	AS/NZS 4200.1-2017
Surface water absorbency:	> 150 g/m <sup>2</sup>		AS/NZS 4201.6-1994
	High (> 100 g/m <sup>2</sup> )		AS/NZS 4200.1-2017
Air control:	≥ 0.1 MNs/m <sup>3</sup>		ISO 5636.5, BS 6538.3
	Air barrier		AS/NZS 4200.1:2017
Moisture shrinkage:	< 0.5 %		AS/NZS 4201.3
Surface weight:	215 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>		EN1489-2
Electrical conductivity:	Electrically non-conductive		AS/NZS 4200.1 - 2017

THIS PRODUCT MEETS THE REQUIREMENTS OF AS/NZS 4200.1 & IS SUITABLE FOR USE IN AUSTRALIA

<sup>†</sup>TEEE: Thermoplastic Elastomer Ethyl Ester

### IMPORTANT INFORMATION

- This product is a Class 4 vapour permeable pliable building membrane in accordance with AS 4200.1.
- This product is designed to withstand up to 90 days UV exposure before cladding is installed.
- This product can withstand temperatures up to 120°C and down to -40°C behind external claddings.
- For ease of installation SOLITEX MENTO® 5000 connect is available with a factory applied adhesive connection strip.

### PRODUCT DESCRIPTION

SOLITEX MENTO® 5000 is a UV stabilised and tear resistant synthetic weather resistive barrier (WRB). A non-porous water resistant TEEE<sup>†</sup> film is laminated at high temperature between two layers of spun bonded polypropylene (PP).

### WEATHER EXPOSURE

This product is a weather resistive barrier (WRB) and designed to withstand up to 90 days direct exposure to UV and still fulfil the intended use for air and water control. SOLITEX MENTO 5000® offers exceptional heat resistance behind hot metal roofing. Exterior cladding should be detailed to prevent direct sunlight onto the membrane in service.

### APPLICATION NOTES

This product is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959. Wherever non-combustible material is required by the NCC it should be noted that this product is less than 1mm thick and has a flammability index of less than 5.

### Delivery Form

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR01868	50 m	1.50 m	75 m <sup>2</sup>	16	1
1AR01870	50 m	3.00 m	150 m <sup>2</sup>	34	1
1AR02283 (connect)	50 m	1.50 m	75 m <sup>2</sup>	16	1



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