



# 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 metal sheet 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 (180 days exposure)
- ✓ Highly vapour permeable (Class 4)
- ✓ Rated to withstand temperatures of up to 120°C
- ✓ Weathertight & airtight weather resistive barrier (WRB)
- ✓ Long-term durability

**Declare.**



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

11 2024



**Your local support**  
 1800 PRO CLIMA (776 254)  
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### Technical Data

Protective and covering fleece:	Polypropylene microfibre		
Membrane:	Monolithic TEEE <sup>†</sup> film		
UV stability and outdoor exposure:	180 Days	ASTM G154	
Duty classification:	Light	AS/NZS 4200.1	
Vapour classification:	Class 4 (Vapour permeable)	AS/NZS 4200.1	
Thickness:	0.70 mm ± 0.1 mm	EN 1849-2	
Flammability index:	< 5	AS 1530.2	
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
Burst strength:		574 N	AS 2001.2.19
Vapour permeance:		1.153 µg/N.s	ASTM E96 Method B
Water control:		10,000 mm	EN ISO 811
		Pass (> 100 mm)	AS/NZS 4201.4
		Water barrier	AS/NZS 4200.1
Emittance:	Front / Back	0.9 / 0.9	AS/NZS 4200.1
	Classification	NN	AS/NZS 4200.1
Surface water absorbency:		> 150 g/m <sup>2</sup>	AS/NZS 4201.6
		High (> 100 g/m <sup>2</sup> )	AS/NZS 4200.1
		≥ 0.1 MNs/m <sup>3</sup>	ISO 5636.5, BS 6538.3
Air control:		Air barrier	AS/NZS 4200.1
Moisture shrinkage:		< 0.5 %	AS/NZS 4201.3
Surface weight:		215 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	EN 1849-2
Electrical conductivity:		Electrically non-conductive	AS/NZS 4200.1

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

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

### IMPORTANT INFORMATION

- This product is a Class 4 vapour permeable pliable building membrane in accordance with AS 4200.1.
- This product is deemed non-combustible<sup>^</sup> as it is less than 1mm thick and has flammability index less than 5.
- This product is designed to withstand up to 180 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.

<sup>^</sup>According to NCC 2019 Vol 1 C1.9 (e)(vi), NCC 2019 Vol 2 3.7.1.1(f), NCC 2022 Vol 1 C2D10 (6)(f) & NCC 2022 Vol 2 H3D2 (1)(f)

### PRODUCT DESCRIPTION

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

### WEATHER EXPOSURE

This product is a weather resistive barrier (WRB) and designed to withstand up to 180 days direct exposure to UV and still fulfil its intended use for weatherproofing. 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 up to and including BAL FZ in accordance with AS 3959.

#### 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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