



# pro clima SOLITEX MENTO® 1000

## Roof Weather Resistive Barrier

SOLITEX MENTO® 1000 provides weather and condensation protection for your roof, under all weather conditions. With type R4 classification (NZS 2295), it is suitable to be used in self supported applications up to and including extra high wind zones. SOLITEX MENTO® 1000 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\* layer.

SOLITEX MENTO® 1000 connect makes use of connect technology and comes with two integrated self-adhesive strips for ease of installation.

- ✓ Highly vapour permeable (Class 4)
- ✓ Long-term durability and strength
- ✓ Weathertight & airtight weather resistive barrier (WRB)
- ✓ Helps protect building from condensation
- ✓ Available with two integrated self-adhesive strips
- ✓ Fire retardant

**Declare.**



16 03 2023



### Your local support

04 589 8460 | 09 892 9900 | 03 327 4925

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Technical Data		
Cover fleece + protective layer:	PP microfibre fleece	
Membrane:	Monolithic TEEE <sup>+</sup> film	
UV stability and outdoor exposure:	30 Days	ASTM G154
Type:	R4	NZS 2295-2006A1
Vapour classification:	Class 4 (Permeable)	AS/NZS 4200.1-2017
Moisture vapour transmission resistance: (MVTR <sup>†</sup> )	0.398 MNs/g	ASTM E96 Method B
Moisture shrinkage:	< 0.5 %	AS/NZS 4201.3
Resistance to water penetration (water control):	10,000 mm	EN 20811
	Pass (> 100 mm)	NZS 2295; AS/NZS 4201.4-1994
Surface water absorbency:	> 150 g/m <sup>2</sup>	AS/NZS 4201.6-1994
	Pass (> 150 g/m <sup>2</sup> )	NZS 2295-2006A1
Flammability index:	< 5	AS 1530.2-1993
	Fire Retardant	NZS 2295-2006A1
Edge tear:	MD / CD <sup>‡</sup>	222 / 174 N
Tensile strength:	MD / CD <sup>‡</sup>	4.8 / 3.6 kN/m
Air resistance (air control):	≥ 0.1 MNs/m <sup>3</sup>	
Temperature resistance:	-40 °C to +100 °C	
Heat shrinkage @ 70°C:	MD / CD <sup>‡</sup>	0.0%, 0.0%
Thickness:	0.4 mm ± 0.05 mm	
Surface weight:	115 g/m <sup>2</sup> ± 5 g/m <sup>2</sup>	
Electrical conductivity:	Electrically non-conductive	
		AS/NZS 4200.1-2017

BRANZ APPRAISAL 876 OUTLINES FURTHER REQUIREMENTS FOR THE USE OF MENTO 1000 IN NEW ZEALAND

\*THT: Thermoplastic Elastomer Ethyl Ester, †MVTR: Moisture Vapour Transmission Resistance, ‡MD / CD: Machine direction / cross direction

### 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 30 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® 1000 connect is available with two integrated self-adhesive strips.

### PRODUCT DESCRIPTION

SOLITEX MENTO® 1000 is a UV stabilised and tear resistant synthetic weather resistive barrier (WRB) for roofs. A non-porous water resistant TEEE<sup>+</sup> film is laminated at high temperature between two layers of spun bonded polypropylene (PP). SOLITEX MENTO® 1000 connect comes with two integrated self-adhesive strips.

### WEATHER EXPOSURE

This product is a weather resistive barrier (WRB) and designed to withstand up to 30 days direct exposure to UV and still fulfil the intended use for wind and water control. Exterior cladding should be detailed to prevent direct sunlight onto the membrane in service.

### APPLICATION NOTES

This product is suitable for use in accordance with BRANZ Appraisal 876 as an alternative to conventional kraft paper roof underlays or in accordance with approved pro clima installation method utilising counter battens and above underlay ventilation. SOLITEX MENTO® 1000 connect is recommended for optimum weather proof joints on roof pitches below 15 degrees.

Delivery Form					
ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
15048	50 m	1.50 m	75 m <sup>2</sup>	9	1
1AR01359	50 m	3.00 m	150 m <sup>2</sup>	18	1
1AR01361 (connect)	50 m	1.50 m	75 m <sup>2</sup>	9	1
1AR01357 (connect)	50 m	3.00 m	150 m <sup>2</sup>	18	1



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