



Technical data

Material	
Protective and covering fleece	Polypropylene microfibre
Functional film	Monolithic TEEE

Property	Regulation	Value
Colour		Anthracite
Surface weight	EN 1849-2	115 g/m ²
Thickness	EN 1849-2	0.40 mm
Vapour resistance (MVTR)	ASTM E96 Procedure B	0.398 MN-s/g
Flammability index	AS 1530.2	< 5
Resistance to UV exposure	ASTM G154 / ASTM G155	30 days
Absorbency	AS/NZS 4201.6	> 150 g/m ²
Water column	EN ISO 811	10 000 mm
Resistance to water penetration	AS/NZS 4201.4	Pass (> 100 mm)
Air resistance	ISO 5636-5	≥ 0.1 MN-s/m ³
Type classification	NZS 2295:2006	R4
Edge tear-resistance MD/LD	TAPPI T470	222 N / 174 N
Tensile strength MD/LD	ASTM D882	4.8 kN/m / 3.6 kN/m
Heat shrinkage @ 70°C MD/LD	ASTM D1204	0.0% / 0.0%
Moisture shrinkage	AS/NZS 4201.3	< 0.5%
Temperature resistance		-40 °C to 100 °C
Resistance to alkalis	EN 1847	Passed
pH extract	AS/NZS 1301.421s	7.09
Revision Date		08/04/2026

Areas of application

SOLITEX MENTO® 1000 provides superior 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 while allowing any internal moisture to escape through the vapour permeable, non-porous TEEE layer. For skillion roofs, fibrous insulation can be installed hard up to the underside of the the membrane as it is non-porous. Can be used directly under metal roofing as per E2/AS1, or with a ventilated cavity as per pro clima construction details (or ASV system).

Supply forms

Art. no.	Length	Width	Contents	Weight	Sales unit	Container	GTIN
15048	50 m	1.5 m	75 m ²	9 kg	1	30	4026639150486
1AR01359	50 m	3 m	150 m ²	18 kg	1	30	4026639213594

Advantages

- ✓ Highly vapour-permeable (Class 4)
- ✓ Long-term durability and strength
- ✓ Weathertight & airtight weather-resistive barrier (WRB)
- ✓ Helps protect a building from condensation
- ✓ Fire Retardant (FI <5 as per AS/NZS 1530.2)

General conditions

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 of UV exposure before cladding is installed.
- This product can withstand temperatures up to 100 °C and down to -40 °C behind external claddings.

PRODUCT DESCRIPTION

SOLITEX MENTO® 1000 is a UV-stabilised and tear-resistant synthetic weather-resistant barrier (WRB) for roofs. A non-porous water-resistant TEEE film is laminated at high temperature between two layers of spun-bonded polypropylene (PP).

WEATHER EXPOSURE

This product is a weather-resistant barrier (WRB) designed to withstand up to 30 days of 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 the approved pro clima installation method utilising counter battens and above underlay ventilation.



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PRO CLIMA NEW ZEALAND
Upper North Island: 09 892 9900
Lower North Island: 04 589 8460
South Island: 03 327 4925
Technical: support@proclima.co.nz
General: welcome@proclima.co.nz
0800 PRO CLIMA (776 254)