

SYNTHETIC VAPOUR BARRIER



The Millenium synthetic vapour barrier is made through a four-layer manufacturing process that gives it great stability (no fishmouthing) and excellent ability to prevent water vapour transmission.

RECOMMENDED USE

The Millenium synthetic vapour barrier can be glued or laid down with sealed seams on most structural supports such as wood or steel.

It can also be adhered or laid down with sealed seams on oxidized bitumen panels, gypsum board or concrete support panels.

It is used in the composition of insulated roof systems on commercial, industrial and institutional buildings.

APPLICATION

Excellent for insulated flat roofs or unvented gable roofs. It can also serve as a shingle underlayment on roofs with a slope greater than 2:12.

DIMENSION AND PACKAGING

Dimension	Surface	Weight	Quantity / pallet
1.22 m x 76.22 m	92.90 m ²	16.36 kg	36
[48" x 250']	1 000 pi ²	36 lbs.	

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Vapour barrier | Millennium

PHYSICAL PROPERTIES

Properties	Method	Data / Result
Nominal Thickness (mm)	ASTM D1777	0.419 mm
Nominal Thickness (mils)	ASTM D1777	16.5 mils
Liquid water transmission	ASTM D4869	Pass
Permeability (MVTR)	ASTM E96	< 0.05 Perms
Tensile strength (MD / CD)	ASTM D751	113.9 lbf / 117.0 lbf 506.7 n / 520.4 n
Elongation (MD / CD)	ASTM D751	19.4% / 22.1%
Tear strength (MD / CD)	ASTM 4533	67 lbf / 47 lbf 298 n / 209 n
Fire rating	ASTM E108	Class A
UV exposure	ICC-ES AC188	180 Days
Temperature range		-40°F to 240°F [-40°C to 115°C]