

Vapour Permeable Roof Sarking

COMPLIANCE TO AS/NZS 4200.1:1994 PLIABLE BUILDING MEMBRANES AND UNDERLAYS

Enviroseal™ ProctorWrap™ HTR meets AS/NZS 4200.1 DUTY CLASSIFICATION

Does the tiled roofing product you sell comply? Check the details below.

For use in tiled roofing the duty classification must be at least **MEDIUM DUTY** or greater.

AS 4200.1:1994 TABLE 1 DUTY CLASSIFICATION

PROPERTY		DUTY (MINIMUM VALUES)				
Tensile Strength kN/m		Extra Heavy	Heavy	Medium	Light	Extra Light
	Machine Direction	13.0	12.5	9.5	7.5	6.0
	Lateral Direction	10.5	7.5	6.0	4.5	3.5
Edge Tear resistance in both directions (N)		90	80	65	45	30
Bursting Strength (N)		x	x	x	200	x

AS 4200.1:1994 TABLE 2 DUTY CLASSIFICATION AND ALLOWABLE USE IN AUSTRALIA

Use	Extra Heavy	Heavy	Medium	Light	Extra Light
Tiled Roofing: ≤600mm spans	✓	✓	✓*1	x	x
>600mm ≤900mm spans	✓	✓*2	✓*2	x	x
>900mm spans	✓*2	✓*2	✓*2	x	x

✓ Allowable.

✓*1 Allowable. Must be supported below if design gust wind speed >41m/s.

✓*2 Allowable, if supported below.

x Not Allowable.

Enviroseal ProctorWrap publishes AS/NZS 4200.1 performance data

Enviroseal ProctorWrap High Tensile Roof (HTR) is the only product which is fully compliant with the AS/NZS 4200.1 requirement. Please refer to the table below.

DESCRIPTION	TEST METHOD	AS/NZS 4200.1 REQUIREMENT	x KLOBER PERMO AIR	x PROCLIMA SOLITEX MENTO 3000	✓ ENVIROSEAL PROCTORWRAP HTR
Duty	AS/NZS 4200.1	Medium	Not Published	Not Published	Medium
Water Resistance	AS/NZS 4201.4	High	Not Published	High*2	High
Tensile Strength (Medium Duty)	AS1301.448 MD LD	9.5 kN/m 6.0 kN/m	7.0 kN/m*1 5.0 kN/m*1	6.0 kN/m*3 4.4 kN/m*3	10.3 kN/m 7.9 kN/m
Edge Tear Resistance	TAPPI T470 MD LD	> 65N > 65N	Not Published	>180 N*2 >120 N*2	505 N 397 N
Flammability Index	AS 1530.2	Low (≤ 5)	Not Published	Low*2	Low
Resistance to Dry De-Lamination	AS/NZ 4201.1	Pass	Not Published	Not Published	Pass
Resistance to Wet De-Lamination	AS/NZ 4201.2	Pass	Not Published	Not Published	Pass
Shrinkage	AS/NZ 4201.3	<0.5%	Not Published	Pass*2	Pass

*1 From published CE technical data to test method BS EN 12311-1 (Klober Ltd.) Converted from values shown as 280N/40mm and 200N/40mm.

*2 From published BRANZ appraisal in New Zealand.

*3 From published technical data "based on EN 12311-1" (Pro Clima Australia Pty Ltd). Converted from 300N/5cm and 220N/5cm.