

Building Membrane Comparison

Brand	Product	Construction	Vapour Permeability	AS1530.1	Non Reflective	AS4201.4 Water Barrier	Duty Classification	AS1530.4	Group No 1
			Class 4	Deemed Non-Combustible			Extra Heavy Duty		
TBA Firefly	FIREFLY VapourSafe	Glass	✓	✓	✓	✓	✓	✓*	✓
TBA Firefly	Non Combustible Breathable Sarking	Glass		✓		✓	✓		
TBA Firefly	Non Combustible Non Breathable Sarking	Glass		✓			✓		
Ametalin / Trade Select	CeaseFire	Glass	✓	✓	✓	✓	✓		✓
Ametalin / Trade Select	FireSark® Micro-perforated	Glass		✓			✓		
Ametalin / Trade Select	FireSark®	Glass		✓		✓	✓		
Ametalin / Trade Select	VapourTech® Brane® VHP	Polymer	✓		✓	✓			
Ametalin / Trade Select	VapourTech® RWC	Polymer	✓		✓	✓			
Bradford	Thermoseal® ResiWrap®	Polymer				✓	✓		
Bradford	Thermoseal® Wall BreatherTM	Polymer							
Bradford	Thermoseal® Wall Wrap XP	Polymer			✓	✓			
Bradford	Thermoseal® Wall Wrap	Polymer				✓			
DuPont	Tyvek	Polymer	✓		✓	✓			
James Hardie	HardieWrap	Polymer	✓		✓	✓			
Proclima	SOLITEX EXTASANA	Polymer	✓		✓	✓			
CSR Bradford	Enviroseal Black Label	Polymer	✓		✓	✓			
CSR Bradford	Enviroseal CW (Commercial Wall)	Polymer	✓		✓	✓			
CSR Bradford	Enviroseal RW (Residential Wall)	Polymer	✓		✓	✓			
Proctor	PyroPerm A2	Glass	✓			✓	✓		

*Tested to sections 2 and 3 of AS 1530.4:2014 in an indicative pilot scale configuration. This arrangement does not qualify for the assignment of an FRL per standard wall configurations, but demonstrates the unsurpassed performance of VapourSafe's resilience. Structural adequacy: not applicable, integrity: failure at 51 minutes (clause 2.13.2.3(a) of AS 1530.4:2014), insulation: failure at 3 minutes (clause 2.13.3(b) of AS 1530.4:2014). Full report available on request.