



Capral Aluminium Cyclonic Solutions



Tested to comply with
AS1170.2 - 2011 requirements

CAPRAL
ALUMINIUM

Capral Cyclonic Solutions

Not all windows and doors perform equally. Cyclonic conditions demand specialised products tested and proven to withstand some of the highest pressure, impact and water performance requirements.

Capral Aluminium has extensive experience in designing and supplying products for Australian conditions. We invest significantly in research and development with a committed team of professionals, in our Technology Solutions Group, using NATA accredited testing facilities to support our range of cyclonically rated products.

Tested products*	Glass Type	Impact speed (m/s)	Deflection		Ultimate		Water	WERS
			+Pa	-Pa	+Pa	-Pa	+Pa	
Framing								
419 Flushline 150 SG	12.4mm Gen#2 Stormshield	38	5710	5700	10000	12500	1200	✓
419 Flushline 150 WP	8.38mm/10/16.4mm Stormshield	38	4500	4500	11000	11050	900	✓
419 Flushline 150 DG	18.4mm Stormshield	38	4540	4510	15300	10500	900	✓
419 Flushline 150 DG	14.4mm Stormshield	38	4540	4510	15300	10500	900	✓
419 Flushline 150 DG	16.1mm Stormshield	44	4540	4510	15300	10500	900	✓
419 Flushline 150 DG	16.4mm Stormshield	38	4540	4510	15300	10500	900	✓
419 Flushline 150 DG	20.4mm Stormshield	44	4540	4510	15300	10500	900	✓
450 Narrowline DG	13.52mm Stormshield/21/ 6.38mm	38	4530	4500	9700	10100	1500	✓
450 Narrowline DG	13.52mm Stormshield / 21mm Air Gap / 6.38mm	32	2520	2510	9700	9500	900	✓
Doors								
900 Sliding Door	12.4mm Gen#2 Stormshield	38	4508	4572	10682	10589	700	✓
225 Hinged Door	14.1mm Stormshield	44	4585	4542	10131	10145	900	✓
225 Hinged Door	6.38mm/10/12.4mm Stormshield	38	4585	4542	10131	10145	900	✓
225 Hinged Door	12.4mm Stormshield	38	4585	4542	10131	10145	900	✓
Windows								
950 Sliding Window	12.4mm Gen#2 Stormshield	38	7020	6996	10000	9038	598	✓
Euro Awning	12.4mm Gen#2 Stormshield	38	4503	4513	10680	12685	1200	✓
Amplimesh Security Screens**								
SupaScreen Residential	n/a	34						✓
SupaScreen Detention	n/a	41						✓

*Please refer to Capral Technical Data manuals for full details of test results.

**Security Screen Tested Product which can be used in conjunction with a suitable build-out frame to protect existing window products.

Technical Support

Capral Aluminium products are backed by a highly experienced design and engineering team and comprehensive technical documentation and support.

Due to the specialised nature of cyclonic applications, Capral's technical specifications should be interpreted by a suitably qualified person or alternatively, specific requirement should be referred to Capral for verification of product suitability.

Subject to application and approval, Capral is also able to custom design and test products for project specific solutions.

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