

TABLE 1- WINDOW SYSTEM DESIGN RESULTS^
(ADV-062 VERTICAL STIFFENER, ADV-053 HEAD & ADV-054 SILL)

Girt Spacing (mm)	Window Dimension (mm)	Away From Corner												Within 1200mm of Corners											
		Wind Category												Wind Category											
		N1	N2	N3	N4	N5	N6	C1	C2	C3	C4	N1	N2	N3	N4	N5	N6	C1	C2	C3	C4				
900	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
900	790x816	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
900	790x1274	P	P	P	F	F	F	P	F	F	F	P	P	F	F	F	F	F	F	F	F	F			
900	790x1505	P	P	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
900	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1000	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
1000	790x816	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F			
1000	790x1274	P	P	P	F	F	F	P	F	F	F	P	P	F	F	F	F	F	F	F	F	F			
1000	790x1505	P	P	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1000	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1100	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
1100	790x816	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F			
1100	790x1274	P	P	P	F	F	F	P	F	F	F	P	P	F	F	F	F	F	F	F	F	F			
1100	790x1505	P	P	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1100	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1200	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
1200	790x816	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	P	P	P	P	P	F			
1200	790x1274	P	P	P	F	F	F	P	F	F	F	P	P	F	F	F	F	F	F	F	F	F			
1200	790x1505	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1200	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1300	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			
1300	790x816	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	P	P	P	P	P	F			
1300	790x1274	P	P	P	F	F	F	P	F	F	F	P	P	F	F	F	F	F	F	F	F	F			
1300	790x1505	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1300	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1400	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F			
1400	790x816	P	P	P	P	P	P	P	P	F	P	P	P	P	F	P	P	P	P	P	F	F			
1400	790x1274	P	P	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1400	790x1505	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1400	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1500	790x589	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F			
1500	790x816	P	P	P	P	P	P	P	P	F	P	P	P	P	F	F	P	P	P	F	F	F			
1500	790x1274	P	P	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1500	790x1505	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			
1500	790x1731	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F			

NOTE: P "PASSED" - Indicates that corresponding window size satisfies the strength and serviceability requirements.
F "FAILED" - Indicates that corresponding window size do not satisfy the strength and serviceability requirements.

(^A) This window system consists of head, sill and vertical stiffeners (Jambs) only.
There are no horizontal stiffeners behind the head and sill to provide additional support.

THIS MATRIX TABLE **DOES NOT** MAKE ANY ALLOWANCE REGARDING STRUCTURAL CAPACITY/ADEQUACY OF THE SHED WALL CLADDING, GIRTS AND OTHER WALL FRAMING MEMBERS. THESE MUST BE DESIGNED AND CERTIFIED BY THE SHED DESIGN ENGINEER.

Ultimate Strength Wind Pressures (According to AS4055-2006 Table 3.3)

Walls		Wind Class									
		N1	N2	N3	N4	N5	N6	C1	C2	C3	C4
Away From Corners	kPa	0.69	0.96	1.50	2.23	3.29	4.44	-2.03	-3.01	-4.44	-5.99
Within 1200mm of Corners	kPa	-1.04	-1.44	-2.25	-3.35	-4.93	-6.66	-3.00	-4.47	-6.57	-8.88

Member	Alloy and Temper
Horizontal Stiffener (ADV-062)	6106-T6
Vertical Stiffener (ADV-062)	6106-T6
Head (ADV-053)	6106-T6
Sill (ADV-054)	6063-T6
Face Infill (ADV-040)	6063-T6
Stiffener Extension (ADV-088)	6106-T6