

Step 1



Region A: 45 m/s

Region B: 57 m/s

Region C: 69 m/s

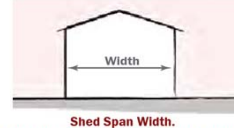
Region D: 88 m/s

Step 2

*All multipliers are based on a flat level site location.



Step 3



Shed Span Width.
Look up table to find your site wind speed.

All calculations are taken from - AS 1170-2

Wind Speed Comparison & Conversion Table

Importance Level	M/S	Convert m/s kph	Convert m/s Pa	Convert m/s kPa	Non Cyclonic	Cyclonic	m/s	Non Cyclonic	Cyclonic	m/s	kph
Region A Level 2	45	162	1241	1.2	W28		34	N1		34	123
Region B Level 2	57	205	1992	2.0	W33		40	N2		40	144
Region C Level 2	69	248	2918	2.9	W41N	W41C	50	N3	C1	50	180
Region D Level 2	88	317	4747	4.7	W50N	W50C	61	N4	C2	61	220
Region D Level 2	88	317	4747	4.7	W60N	W60C	74	N5	C3	74	267
Region D Level 2	88	317	4747	4.7	W70N	W70C	86	N6	C4	86	310

Bracket Assembly Set: 200mm (8 inch) @11°

13m Wide x 5m High

Wind Region	Terrain Category	Importance Level	Exceedance Probability	Regional Wind Speed	Wind Directional Multiplier	Terrain Height Multiplier	Shielding Multiplier	Topography Multiplier	Site Wind Speed	AS 4500 Wind Loads Housing NCC 2011 BCA	Permissible Stress Design (Superseded Code)	Convert Site Wind M/s to Pa	Convert Site Wind Pa to kPa
A	TC1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N3	W41N	1028	1.0
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N2	W33	855	0.9
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N1	W28	698	0.7
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75				

9m Wide x 5m High

A	TC1	2	1:500	45	1.00	1.05	1.00	1.00	47.25	N3	W41N	1369	1.4
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N3	W41N	1028	1.0
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N2	W33	855	0.9
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75	N1	W28	698	0.7
B	TC1	2	1:500	57	1.00	1.05	1.00	1.00	59.85	N4	W50N	2196	2.2
B	TC2	2	1:500	57	1.00	0.91	1.00	1.00	51.87	N4	W50N	1649	1.6
B	TC3	2	1:500	57	1.00	0.83	1.00	1.00	47.31	N3	W41N	1372	1.4
B	TC4	2	1:500	57	1.00	0.75	1.00	1.00	42.75	N3	W41N	1120	1.1
C	TC1&TC2	2	1:500	69	1.00	0.95	1.00	1.00	65.55	C3	W60C	2634	2.6
C	TC3&TC4	2	1:500	69	1.00	0.80	1.00	1.00	55.20	C2	W50C	1868	1.9

Bracket Assembly Set: 200mm (8 inch) @15°

13m Wide x 5m High

Wind Region	Terrain Category	Importance Level	Exceedance Probability	Regional Wind Speed	Wind Directional Multiplier	Terrain Height Multiplier	Shielding Multiplier	Topography Multiplier	Site Wind Speed	AS 4500 Wind Loads Housing NCC 2011 BCA	Permissible Stress Design (Superseded Code)	Convert Site Wind M/s to Pa	Convert Site Wind Pa to kPa
A	TC1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N3	W41N	1028	1.0
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N2	W33	855	0.9
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N1	W28	698	0.7
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75				

9m Wide x 5m High

A	TC1	2	1:500	45	1.00	1.05	1.00	1.00	47.25	N3	W41N	1369	1.4
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N3	W41N	1028	1.0
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N2	W33	855	0.9
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75	N1	W28	698	0.7
B	TC1	2	1:500	57	1.00	1.05	1.00	1.00	59.85	N4	W50N	2196	2.2
B	TC2	2	1:500	57	1.00	0.91	1.00	1.00	51.87	N4	W50N	1649	1.6
B	TC3	2	1:500	57	1.00	0.83	1.00	1.00	47.31	N3	W41N	1372	1.4
B	TC4	2	1:500	57	1.00	0.75	1.00	1.00	42.75	N3	W41N	1120	1.1
C	TC1&TC2	2	1:500	69	1.00	0.95	1.00	1.00	65.55	C3	W60C	2634	2.6
C	TC3&TC4	2	1:500	69	1.00	0.80	1.00	1.00	55.20	C2	W50C	1868	1.9

Bracket Assembly Set: 200mm (8 inch) @22.5°

12m Wide x 5m High

Wind Region	Terrain Category	Importance Level	Exceedance Probability	Regional Wind Speed	Wind Directional Multiplier	Terrain Height Multiplier	Shielding Multiplier	Topography Multiplier	Site Wind Speed	AS 4500 Wind Loads Housing NCC 2011 BCA	Permissible Stress Design (Superseded Code)	Convert Site Wind M/s to Pa	Convert Site Wind Pa to kPa
A	TC1	2	1:500	45	1.00	1.05	1.00	1.00	47.25	N3	W41N	1369	1.4
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N3	W41N	1028	1.0
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N2	W33	855	0.9
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75	N1	W28	698	0.7

9m Wide x 5m High

A	TC1	2	1:500	45	1.00	1.05	1.00	1.00	47.25	N3	W41N	1369	1.4
A	TC2	2	1:500	45	1.00	0.91	1.00	1.00	40.95	N3	W41N	1028	1.0
A	TC3	2	1:500	45	1.00	0.83	1.00	1.00	37.35	N2	W33	855	0.9
A	TC4	2	1:500	45	1.00	0.75	1.00	1.00	33.75	N1	W28	698	0.7
B	TC1	2	1:500	57	1.00	1.05	1.00	1.00	59.85	N4	W50N	2196	2.2
B	TC2	2	1:500	57	1.00	0.91	1.00	1.00	51.87	N4	W50N	1649	1.6
B	TC3	2	1:500	57	1.00	0.83	1.00	1.00	47.31	N3	W41N	1372	1.4
B	TC4	2	1:500	57	1.00	0.75	1.00	1.00	42.75	N3	W41N	1120	1.1
C	TC1&TC2	2	1:500	69	1.00	0.95	1.00	1.00	65.55	C3	W60C	2634	2.6
C	TC3&TC4	2	1:500	69	1.00	0.80	1.00	1.00	55.20	C2	W50C	1868	1.9

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