EQUITILT® SPAN TABLES
FOR WIND REGION B - NON-CYCLONIC
(EXTERNAL WALL APPLICATIONS ONLY)
EPS Core Grade SL 0.6mm (Internal) and 0.7mm (External) Steel Skins

WIND REGION B

Single span, wind pressure acting inwards

Maximum uniformly distributed ULS design wind load (kPa) for the given span:

Span (m):	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9
50 mm	4.27	3.56	3.05	2.67	2.37	1.98	1.63	1.37	1.17	1.01	0.88	0.77	0.68	0.61	0.55	0.49	0.45	0.41	0.37	0.34	0.32	0.29	0.27	0.25	0.23	0.22	0.20	0.18	0.17
75 mm	6.40	5.33	4.57	4.00	3.56	2.98	2.46	2.07	1.76	1.52	1.32	1.16	1.03	0.92	0.83	0.74	0.68	0.62	0.56	0.52	0.48	0.44	0.41	0.38	0.35	0.33	0.31	0.29	0.27
100 mm	8.53	7.11	6.10	5.33	4.74	3.98	3.29	2.76	2.36	2.03	1.77	1.56	1.38	1.23	1.10	1.00	0.90	0.82	0.75	0.69	0.64	0.59	0.55	0.51	0.47	0.44	0.41	0.39	0.37
125 mm	10.67	8.89	7.62	6.67	5.93	4.98	4.12	3.46	2.95	2.54	2.22	1.95	1.72	1.54	1.38	1.25	1.13	1.03	0.94	0.87	0.80	0.74	0.68	0.64	0.59	0.55	0.52	0.49	0.46
150 mm	12.80	10.67	9.14	8.00	7.11	5.99	4.95	4.16	3.54	3.05	2.66	2.34	2.07	1.85	1.66	1.50	1.36	1.24	1.13	1.04	0.96	0.89	0.82	0.76	0.71	0.67	0.62	0.58	0.55
200 mm	17.07	14.22	12.19	10.67	9.48	7.99	6.61	5.55	4.73	4.08	3.55	3.12	2.77	2.47	2.21	2.00	1.81	1.65	1.51	1.39	1.28	1.18	1.10	1.02	0.95	0.89	0.83	0.78	0.73
250 mm	21.33	17.78	15.24	13.33	11.85	10.00	8.26	6.94	5.92	5.10	4.44	3.91	3.46	3.09	2.77	2.50	2.27	2.07	1.89	1.74	1.60	1.48	1.37	1.28	1.19	1.11	1.04	0.98	0.92

Single span, wind pressure acting outwards

Maximum uniformly distributed ULS design wind load (kPa) for the given span:

Span (m):	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9
50 mm	4.27	3.56	3.05	2.67	2.15	1.74	1.44	1.21	1.03	0.89	0.77	0.68	0.60	0.54	0.48	0.44	0.40	0.36	0.33	0.30	0.28	0.26	0.24	0.22	0.21	0.19	0.18	0.17	0.16
75 mm	6.40	5.33	4.57	4.00	3.21	2.60	2.15	1.81	1.54	1.33	1.16	1.02	0.90	0.80	0.72	0.65	0.59	0.54	0.49	0.45	0.42	0.38	0.36	0.33	0.31	0.29	0.27	0.25	0.24
100 mm	8.53	7.11	6.10	5.33	4.27	3.46	2.86	2.40	2.05	1.77	1.54	1.35	1.20	1.07	0.96	0.87	0.78	0.72	0.65	0.60	0.55	0.51	0.47	0.44	0.41	0.38	0.36	0.34	0.32
125 mm	10.67	8.89	7.62	6.67	5.33	4.32	3.57	3.00	2.56	2.20	1.92	1.69	1.50	1.33	1.20	1.08	0.98	0.89	0.82	0.75	0.69	0.64	0.59	0.55	0.51	0.48	0.45	0.42	0.40
150 mm	12.80	10.67	9.14	8.00	6.40	5.18	4.28	3.60	3.07	2.64	2.30	2.02	1.79	1.60	1.43	1.30	1.17	1.07	0.98	0.90	0.83	0.77	0.71	0.66	0.62	0.58	0.54	0.51	0.48
200 mm	17.07	14.22	12.19	10.67	8.52	6.90	5.70	4.79	4.08	3.52	3.07	2.70	2.39	2.13	1.91	1.72	1.56	1.43	1.30	1.20	1.10	1.02	0.95	0.88	0.82	0.77	0.72	0.67	0.63
250 mm	21.33	17.78	15.24	13.33	10.64	8.62	7.12	5.99	5.10	4.40	3.83	3.37	2.98	2.66	2.39	2.15	1.95	1.78	1.63	1.50	1.38	1.27	1.18	1.10	1.02	0.96	0.90	0.84	0.79

Multi span, wind pressure acting inwards

Maximum uniformly distributed ULS design wind load (kPa) for the given span:

Span (m):	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9
50 mm	3.41	2.84	2.44	2.13	1.90	1.71	1.55	1.37	1.17	1.01	0.88	0.77	0.68	0.61	0.55	0.49	0.45	0.41	0.37	0.34	0.32	0.29	0.27	0.25	0.23	0.22	0.21	0.19	0.18
75 mm	5.12	4.27	3.66	3.20	2.84	2.56	2.33	2.07	1.76	1.52	1.32	1.16	1.03	0.92	0.83	0.74	0.68	0.62	0.56	0.52	0.48	0.44	0.41	0.38	0.35	0.33	0.31	0.29	0.27
100 mm	6.83	5.69	4.88	4.27	3.79	3.41	3.10	2.76	2.36	2.03	1.77	1.56	1.38	1.23	1.10	1.00	0.90	0.82	0.75	0.69	0.64	0.59	0.55	0.51	0.47	0.44	0.41	0.39	0.37
125 mm	8.53	7.11	6.10	5.33	4.74	4.27	3.88	3.46	2.95	2.54	2.22	1.95	1.72	1.54	1.38	1.25	1.13	1.03	0.94	0.87	0.80	0.74	0.68	0.64	0.59	0.55	0.52	0.49	0.46
150 mm	10.24	8.53	7.31	6.40	5.69	5.12	4.65	4.16	3.54	3.05	2.66	2.34	2.07	1.85	1.66	1.50	1.36	1.24	1.13	1.04	0.96	0.89	0.82	0.76	0.71	0.67	0.62	0.58	0.55
200 mm	13.65	11.38	9.75	8.53	7.59	6.83	6.21	5.55	4.73	4.08	3.55	3.12	2.77	2.47	2.21	2.00	1.81	1.65	1.51	1.39	1.28	1.18	1.10	1.02	0.95	0.89	0.83	0.78	0.73
250 mm	17.07	14.22	12.19	10.67	9.48	8.53	7.76	6.94	5.92	5.10	4.44	3.91	3.46	3.09	2.77	2.50	2.27	2.07	1.89	1.74	1.60	1.48	1.37	1.28	1.19	1.11	1.04	0.98	0.92

Multi-span, wind pressure acting outwards

Maximum uniformly distributed ULS design wind load (kPa) for the given span:

Span (m):	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9
50 mm	3.41	2.84	2.44	2.13	1.90	1.71	1.44	1.21	1.03	0.89	0.77	0.68	0.60	0.54	0.48	0.44	0.40	0.36	0.33	0.30	0.28	0.26	0.24	0.22	0.21	0.19	0.18	0.17	0.16
75 mm	5.12	4.27	3.66	3.20	2.84	2.56	2.15	1.81	1.54	1.33	1.16	1.02	0.90	0.80	0.72	0.65	0.59	0.54	0.49	0.45	0.42	0.38	0.36	0.33	0.31	0.29	0.27	0.25	0.24
100 mm	6.83	5.69	4.88	4.27	3.79	3.41	2.86	2.40	2.05	1.77	1.54	1.35	1.20	1.07	0.96	0.87	0.78	0.72	0.65	0.60	0.55	0.51	0.47	0.44	0.41	0.38	0.36	0.34	0.32
125 mm	8.53	7.11	6.10	5.33	4.74	4.27	3.57	3.00	2.56	2.20	1.92	1.69	1.50	1.33	1.20	1.08	0.98	0.89	0.82	0.75	0.69	0.64	0.59	0.55	0.51	0.48	0.45	0.42	0.40
150 mm	10.24	8.53	7.31	6.40	5.69	5.12	4.28	3.60	3.07	2.64	2.30	2.02	1.79	1.60	1.43	1.30	1.17	1.07	0.98	0.90	0.83	0.77	0.71	0.66	0.62	0.58	0.54	0.51	0.48
200 mm	12.53	10.44	8.95	7.83	6.96	6.27	5.70	4.79	4.08	3.52	3.07	2.70	2.39	2.13	1.91	1.72	1.56	1.43	1.30	1.20	1.10	1.02	0.95	0.88	0.82	0.77	0.72	0.67	0.63
250 mm	12.53	10.44	8.95	7.83	6.96	6.27	5.70	5.22	4.82	4.40	3.83	3.37	2.98	2.66	2.39	2.15	1.95	1.78	1.63	1.50	1.38	1.27	1.18	1.10	1.02	0.96	0.90	0.84	0.79

NOTES

1. Pressures specified are for wind gusts only per AS 1170.
2. Deflection limit of span/150 applies, and in accordance with Serviceability Limit State criteria per AS1170.0 - TABLE C1.
3. Fixing with min. 4x tek screws or 2x mushroom head bolts at each line of support per panel are required.
4. This span table applies to non-cyclonic regions only.
5. Correct at the time of publishing. Refer Bondor for updates.
6. Refer to your certifying engineer for panel selection.
7. Refer to www.bondor.com.au for your local Bondor branch and representatives.

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