



MetecnoInspire® Span Tables

FOR WIND REGION A & B - NON-CYCLONIC

(EXTERNAL WALL APPLICATIONS ONLY)

PIR Core 0.6/0.5mm steel skins (Micro V/Plain)

Metecno

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WIND REGION A & B

Single Span (Loaded Inwards)

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

Span (m):	0.9	1.2	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
50 mm	7.22	5.42	4.33	3.61	3.10	2.71	2.41	2.05	1.67	1.38	1.15	0.96	0.82	0.70	0.60	0.52	0.45	0.39	0.34	0.30	0.27	0.24	0.21	0.19	0.17	0.16	0.14	0.13	0.12	0.11
60 mm	8.67	6.50	5.20	4.33	3.71	3.25	2.89	2.60	2.22	1.85	1.55	1.31	1.11	0.95	0.82	0.71	0.62	0.54	0.48	0.42	0.38	0.34	0.30	0.27	0.24	0.22	0.20	0.18	0.17	0.15
80 mm	11.56	8.67	6.93	5.78	4.95	4.33	3.85	3.47	2.95	2.50	2.13	1.84	1.60	1.40	1.22	1.07	0.95	0.84	0.75	0.67	0.60	0.54	0.48	0.44	0.40	0.36	0.33	0.30	0.28	0.25
100 mm	14.44	10.83	8.67	7.22	6.19	5.42	4.81	4.33	3.72	3.13	2.67	2.30	2.00	1.76	1.56	1.39	1.25	1.13	1.02	0.93	0.85	0.78	0.72	0.65	0.59	0.54	0.49	0.45	0.41	0.38

Single Span (Loaded Outwards)

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

Span (m):	0.9	1.2	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
50 mm	7.22	5.42	4.33	3.61	3.10	2.41	1.91	1.54	1.28	1.07	0.91	0.79	0.69	0.60	0.53	0.48	0.43	0.39	0.34	0.30	0.27	0.24	0.21	0.19	0.17	0.16	0.14	0.13	0.12	0.11
60 mm	8.67	6.50	5.20	4.33	3.71	2.89	2.28	1.85	1.53	1.28	1.09	0.94	0.82	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.35	0.32	0.30	0.27	0.24	0.22	0.20	0.18	0.17	0.15
80 mm	11.56	8.67	6.93	5.78	4.95	3.86	3.05	2.47	2.04	1.72	1.46	1.26	1.10	0.97	0.86	0.76	0.68	0.62	0.56	0.51	0.47	0.43	0.40	0.37	0.34	0.32	0.29	0.27	0.26	0.24
100 mm	14.44	10.83	8.67	7.22	6.19	4.83	3.81	3.09	2.55	2.15	1.83	1.58	1.37	1.21	1.07	0.95	0.86	0.77	0.70	0.64	0.58	0.54	0.49	0.46	0.42	0.39	0.37	0.34	0.32	0.30

Double Span (Loaded Inwards)

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

Span (m):	0.9	1.2	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
50 mm	5.78	4.33	3.47	2.89	2.48	2.17	1.91	1.54	1.28	1.07	0.91	0.79	0.69	0.60	0.53	0.48	0.43	0.38	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.14	0.13	0.12	0.11
60 mm	6.93	5.20	4.16	3.47	2.97	2.60	2.28	1.85	1.53	1.28	1.09	0.94	0.82	0.72	0.64	0.57	0.51	0.46	0.42	0.38	0.35	0.32	0.29	0.26	0.24	0.22	0.20	0.18	0.16	0.15
80 mm	9.24	6.93	5.55	4.62	3.96	3.47	3.05	2.47	2.04	1.72	1.46	1.26	1.10	0.97	0.86	0.76	0.68	0.62	0.56	0.51	0.47	0.43	0.40	0.37	0.34	0.32	0.29	0.27	0.26	0.24
100 mm	11.56	8.67	6.93	5.78	4.95	4.33	3.81	3.09	2.55	2.15	1.83	1.58	1.37	1.21	1.07	0.95	0.86	0.77	0.70	0.64	0.58	0.54	0.49	0.46	0.42	0.39	0.37	0.34	0.32	0.30

Double Span (Loaded Outwards)

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

Span (m):	0.9	1.2	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
50 mm	5.78	4.33	3.47	2.89	2.48	2.17	1.93	1.73	1.54	1.28	1.08	0.91	0.77	0.66	0.57	0.49	0.43	0.38	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.14	0.13	0.12	0.11
60 mm	6.93	5.20	4.16	3.47	2.97	2.60	2.31	2.08	1.89	1.71	1.44	1.22	1.05	0.90	0.78	0.68	0.59	0.52	0.46	0.41	0.36	0.33	0.29	0.26	0.24	0.22	0.20	0.18	0.16	0.15
80 mm	9.24	6.93	5.55	4.62	3.96	3.47	3.08	2.77	2.52	2.26	1.95	1.69	1.47	1.29	1.14	1.00	0.89	0.79	0.71	0.63	0.57	0.51	0.46	0.42	0.38	0.35	0.32	0.29	0.27	0.25
100 mm	11.56	8.67	6.93	5.78	4.95	4.33	3.85	3.47	3.15	2.89	2.67	2.30	2.00	1.76	1.56	1.39	1.25	1.13	1.02	0.92	0.83	0.75	0.68	0.62	0.56	0.52	0.47	0.43	0.40	0.37

NOTES

1. Pressures specified are for wind gusts only per AS1170.
2. Deflection limit of span/150 applies, and in accordance with Serviceability Limit State criteria per AS1170.0 - TABLE C1.
3. Fixings mushroom bolts minimum 2 per panel
4. This span table applies to non-cyclonic region A & B 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.
8. Span tables have been developed by Bligh Tanner Consulting Engineers by interpretation of physical testing

Version 3

Mar 2021