



MetecnoInspire® Span Tables

FOR WIND REGION A, B, C & D

(EXTERNAL WALL APPLICATIONS ONLY)

PIR Core 0.6/0.5mm steel skins

WIND REGION A, B, C & D

Single Span (loaded inwards)

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

Span (m):	0.9	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
50 mm	5.50	2.93	2.44	2.10	1.83	1.63	1.47	1.33	1.22	1.08	0.93	0.81	0.71	0.63	0.56	0.51	0.46
80 mm	8.80	4.69	3.91	3.35	2.93	2.61	2.35	2.13	1.96	1.74	1.50	1.31	1.15	1.02	0.91	0.81	0.73
100 mm	11.00	5.87	4.89	4.19	3.67	3.26	2.93	2.67	2.44	2.18	1.88	1.63	1.44	1.27	1.14	1.02	0.92

Single Span (loaded outwards)

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

Span (m):	0.9	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
50 mm	2.14	1.14	0.95	0.81	0.71	0.63	0.57	0.52	0.47	0.44	0.41	0.38	0.36	0.34	0.32	0.30	0.28
80 mm	5.70	3.04	2.54	2.17	1.90	1.69	1.52	1.38	1.27	1.17	1.09	1.01	0.95	0.86	0.77	0.69	0.62
100 mm	6.84	3.65	3.04	2.61	2.28	2.03	1.82	1.66	1.52	1.40	1.30	1.22	1.14	1.07	0.96	0.86	0.78

Double Span (loaded inwards)

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

Span (m):	0.9	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
50 mm	4.40	2.35	1.96	1.68	1.47	1.30	1.17	1.07	0.98	0.90	0.80	0.70	0.61	0.54	0.48	0.43	0.39
80 mm	7.04	3.75	3.13	2.68	2.35	2.09	1.88	1.71	1.56	1.44	1.27	1.11	0.97	0.86	0.77	0.69	0.62
100 mm	8.80	4.69	3.91	3.35	2.93	2.61	2.35	2.13	1.96	1.81	1.59	1.38	1.21	1.08	0.96	0.86	0.78

Double Span (loaded outwards)

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

Span (m):	0.9	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
50 mm	1.71	0.91	0.76	0.65	0.57	0.51	0.46	0.41	0.38	0.35	0.33	0.30	0.28	0.27	0.25	0.24	0.23
80 mm	4.56	2.43	2.03	1.74	1.52	1.35	1.22	1.11	1.01	0.94	0.87	0.81	0.76	0.72	0.68	0.64	0.61
100 mm	5.47	2.92	2.43	2.08	1.82	1.62	1.46	1.33	1.22	1.12	1.04	0.97	0.91	0.86	0.81	0.77	0.73

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 14g tek screws (x2 off) minimum per fixing point are required.
4. Steel plate (2mm thick) per fixing point are required for cyclonic application.
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 conducted & reported by BRANZ.