ECONOCLAD® SPAN TABLES
FOR WIND REGION B - NON CYCLONIC
(EXTERNAL ROOF APPLICATIONS ONLY)

WIND REGION B

Single Span (loaded inwards)

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

Span (m):	0.6	0.9	1.2	1.5	1.8	2.1	2.4
All Thicknesses	22.01	9.66	5.34	3.34	2.26	1.43	0.90

Single Span (loaded outwards)

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

Span (m):	0.6	0.9	1.2	1.5	1.8	2.1	2.4
All Thicknesses	16.49	7.35	4.05	2.10	1.23	0.80	0.55

Double Span and SecureLap® End Span (loaded inwards)

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

Span (m):	0.6	0.9	1.2	1.5	1.8	2.1	2.4
All Thicknesses	16.23	7.10	3.90	2.42	1.61	1.13	0.81

Double Span and SecureLap® End Span (loaded outwards)

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

Span (m):	0.6	0.9	1.2	1.5	1.8	2.1	2.4
All Thicknesses	8.05	5.38	4.05	3.25	2.51	1.86	1.43

NOTES

1. Pressures specified are for wind gusts only per AS1170.
2. Self weight of the panel has been allowed for, plus an allowance of up to 10kg/m^2 for light duty fittings (lights, etc.). No other dead loads permitted.
3. Non-trafficable maintenance access (concentrated load) of 110kg on any span has been allowed for, in roof pans only. Avoid stepping on the ribs.
   Shaded cells indicate maximum span for panels less than 60mm thick limited by ability to support concentrated load.
4. Distributed live load of 0.25kPa has been allowed for (as per AS/NZS 1170.1:2001).
5. Deflection limit of span/120 applies, and in accordance with Serviceability Limit State criteria per AS1562.1 - Cl 5.5.
6. Fixing with 14g tek screws (or equivalent) at each rib are required. Values only valid for use with steel members of bmt 1.5mm or thicker. For thinner steel substrates, fastener capacities must be checked.
7. Min. roof slope of 2 degree applies.
8. This span table applies to non-cyclonic region only.
9. Correct at the time of publishing. Refer Bondor for updates.
10. Refer to your certifying engineer for panel selection.
11. Refer to www.bondor.com.au for your local Bondor branch and representatives.
12. Span tables have been developed by Bligh Tanner Consulting Engineers by interpretation of physical testing

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