Span/load tables

Jan-15

Trisomet,135 mm core

The span tables below have been created in accordance with EN 14509. For the use of roof cladding only
The values are based on a maximum permitted deflection of span/200
Fastener performance has been taken into accounted within these tables based on a 2mm thick steel purlin/rail and assuming 3 fasteners per support.
The panel is assumed to have a minimal land of 65 mm at each support position

If the perimeters above do not suit the specification of your project please contact our Technical Department who will be happy to adjust these to suit and produce a new set of load span data.

Safe Imposed (positive) Loads (kN/m²)

Span (m)	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20
Single span	7.64	6.92	6.32	5.78	5.30	4.86	4.44	4.08	3.65	3.26	2.91
Double span	4.48	3.57	2.93	2.46	2.11	1.83	1.60	1.42	1.27	1.14	1.03
Multi span	4.85	3.83	3.13	2.62	2.24	1.94	1.71	1.51	1.36	1.22	1.11

Safe Wind Suction (negative) Loads (kN/m²)

Span (m)	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20
Single span	-7.85	-7.12	-6.52	-5.98	-5.50	-5.06	-4.65	-4.28	-3.95	-3.64	-3.36
Double span	-4.57	-3.67	-3.04	-2.58	-2.23	-1.96	-1.74	-1.57	-1.42	-1.30	-1.20
Multi span	-4.93	-3.92	-3.23	-2.73	-2.36	-2.07	-1.84	-1.66	-1.51	-1.38	-1.28

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