

Span/load tables

Trimapanel, 90 mm core

Feb-15

The span tables below have been created in accordance with EN 14509. For the use of wall cladding only

The values are based on a maximum permitted deflection of span/150

Fastener performance has been taken into account within these tables, this is based on a 2mm thick steel rail and assumes 2 fasteners at each end support and 2 fasteners at each intermediate support

The panel is assumed to have a minimal land of 60 mm at each support position

Safe Imposed (positive) Loads (kN/m²)

Span (m)	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Single span	9.82	6.55	4.91	3.57	2.62	1.97	1.51	1.17	0.93	0.74	0.59
Double span	9.82	6.55	4.91	3.93	3.12	2.38	1.67	1.24	0.95	0.76	0.62
Multi span	9.82	6.55	4.91	3.93	3.11	2.40	1.84	1.44	1.14	0.93	0.77

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

Span (m)	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
Single span	-8.43	-5.62	-4.22	-3.02	-2.10	-1.54	-1.18	-0.93	-0.75	-0.62	-0.52
Double span	-4.22	-2.81	-2.11	-1.69	-1.41	-1.20	-1.05	-0.93	-0.75	-0.62	-0.52
Multi span	-4.22	-2.81	-2.11	-1.69	-1.41	-1.20	-1.05	-0.93	-0.75	-0.62	-0.52

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