

Capital Coated Steel

Unit 3, North Blackvein Industrial Estate

Wattsville, NP11 7PX

T: +44 (0) 1495 814 000

reception@capitalcs.com

www.capitalcs.com



Span (load) tables

C19 Ribbed Wall Profile - 0.7mm steel 220N/mm²



Safe imposed (gravity) loads (kN/m²)

Span (m)	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4
Single Span	4.91	3.88	3.14	2.6	2.18	1.79	1.43	1.16	0.96	0.8	0.67	0.57	0.49	0.42	0.37	0.32	0.28
Double Span	3.76	3.1	2.61	2.22	1.92	1.67	1.47	1.31	1.17	1.05	0.95	0.86	0.78	0.71	0.61	0.54	0.47
Multi Span	4.52	3.75	3.16	2.7	2.33	2.04	1.79	1.59	1.42	1.28	1.12	0.95	0.82	0.71	0.61	0.54	0.47

Safe wind suction (uplift) loads (kN/m²)

Span (m)	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2	2.1	2.2	2.3	2.4
Single Span	4.93	3.89	3.15	2.6	2.19	1.8	1.45	1.17	0.97	0.81	0.68	0.58	0.5	0.43	0.37	0.33	0.29
Double Span	3.75	3.1	2.6	2.22	1.92	1.67	1.47	1.3	1.16	1.05	0.95	0.86	0.78	0.71	0.62	0.54	0.48
Multi Span	4.51	3.74	3.15	2.69	2.33	2.03	1.79	1.59	1.42	1.28	1.13	0.96	0.83	0.71	0.62	0.54	0.48

Notes

The span tables above have been produced for roof cladding applications and were created in accordance with EN 1993-1-3 (Eurocode EC3).

Purple figures are deflection limited.

The values are based on a maximum permitted deflection

Imposed loads - L/150

Suction loads - L/150

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