

Capital Coated Steel

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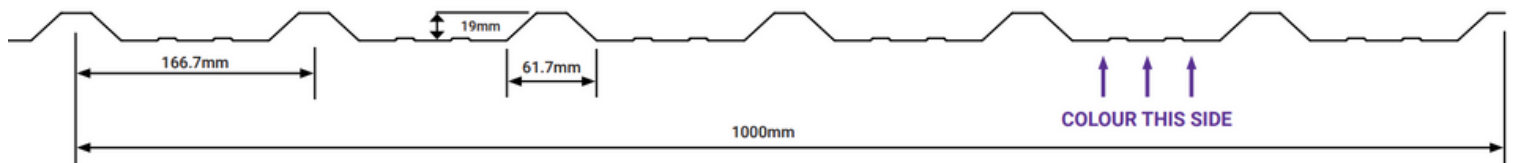
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Span (load) tables

R19 Ribbed Roof 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	4.93	3.89	2.97	2.23	1.72	1.35	1.08	0.88	0.73	0.61	0.51	0.43	0.37	0.32	0.28	0.24	0.22
Double Span	3.75	3.1	2.6	2.22	1.92	1.67	1.47	1.3	1.16	1.01	0.85	0.72	0.62	0.54	0.47	0.41	0.36
Multi Span	4.51	3.74	3.15	2.69	2.33	2.03	1.79	1.47	1.21	1.01	0.85	0.72	0.62	0.54	0.47	0.41	0.36

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	4.91	3.88	2.94	2.21	1.7	1.34	1.07	0.87	0.72	0.6	0.5	0.43	0.37	0.32	0.28	0.24	0.21
Double Span	3.76	3.1	2.61	2.22	1.92	1.67	1.47	1.31	1.17	1	0.84	0.72	0.61	0.53	0.46	0.4	0.35
Multi Span	4.52	3.75	3.16	2.7	2.33	2.04	1.79	1.45	1.2	1	0.84	0.72	0.61	0.53	0.46	0.4	0.35

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/200

Suction loads - L/200

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