

Capital Coated Steel

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Span (load) tables

S19 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	3.96	2.781	2.028	1.523	1.173	0.923	0.739	0.601	0.495	0.413	0.348	0.296	0.253	0.219	0.19	0.167	0.147
Double Span	4.853	3.834	3.106	2.539	1.956	1.538	1.232	1.001	0.825	0.688	0.579	0.493	0.422	0.365	0.317	0.278	0.244
Multi Span	6.066	4.636	3.379	2.539	1.956	1.538	1.232	1.001	0.825	0.688	0.579	0.493	0.422	0.365	0.317	0.278	0.244

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	3.96	2.781	2.028	1.523	1.173	0.923	0.739	0.601	0.495	0.413	0.348	0.296	0.253	0.219	0.19	0.167	0.147
Double Span	4.853	3.834	3.106	2.539	1.956	1.538	1.232	1.001	0.825	0.688	0.579	0.493	0.422	0.365	0.317	0.278	0.244
Multi Span	6.066	4.636	3.379	2.539	1.956	1.538	1.232	1.001	0.825	0.688	0.579	0.493	0.422	0.365	0.317	0.278	0.244

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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Care has been taken to ensure the above information is accurate and correct. CCS does not accept any responsibility or liability for any errors or for information which is found to be misleading.

