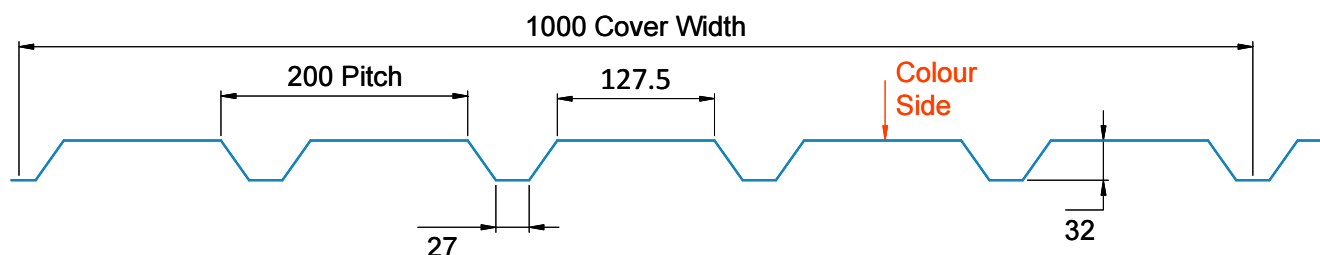


Span/load tables

C32 Wall profile - 0.9mm aluminium 170N/mm²



The span tables below have been created in accordance with EN 1999-1-4 (Eurocode EC9) For the use of wall cladding only.

The values are based on a maximum permitted deflection, span/ 150 under imposed load and span / 150 under wind suction load.

Safe Imposed (positive) Loads (kN/m²)

Span (m)	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	2.5	2.6	2.7	2.8
Single span	2.92	2.29	1.84	1.49	1.23	1.03	0.86	0.73	0.63	-	-	-	-	-	-	-	-
Double span	2.23	1.97	1.76	1.58	1.43	1.30	1.19	1.09	1.00	0.92	0.86	0.79	0.74	0.69	0.65	0.61	-
Multi span	2.65	2.35	2.10	1.89	1.71	1.56	1.43	1.31	1.21	1.11	1.03	0.96	0.88	0.78	0.69	0.62	-

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

Span (m)	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	2.5	2.6	2.7	2.8
Single span	2.83	2.22	1.78	1.45	1.19	0.99	0.84	0.71	0.61	-	-	-	-	-	-	-	-
Double span	3.61	3.07	2.65	2.31	2.03	1.80	1.60	1.44	1.30	1.18	1.07	0.97	0.85	0.75	0.67	0.60	-
Multi span	4.51	3.84	3.31	2.89	2.54	2.25	2.00	1.72	1.47	1.27	1.11	0.97	0.85	0.75	0.67	0.60	-

NOTES Black figures are stress limited, the load shown is the ultimate load divided by 1.5.
Blue figures are deflection limited.
These tables apply to the metal profile, a check on fastener capacity is also required.

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