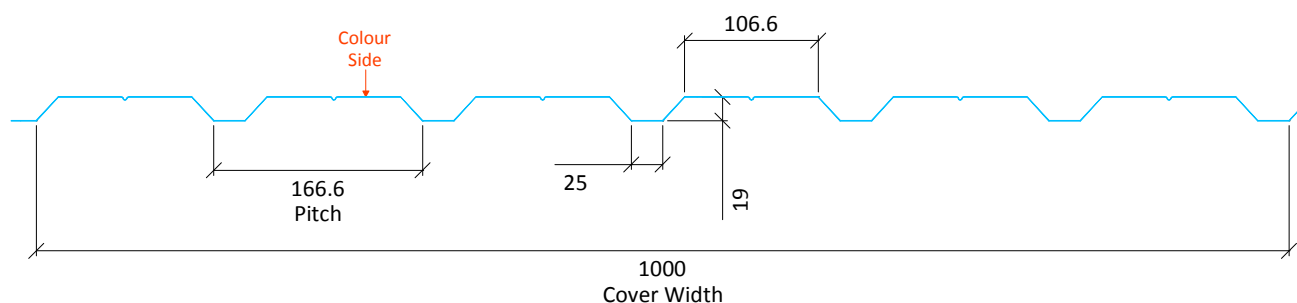


Span/load tables

CL19 Wall profile - 0.5mm steel 220N/mm²



The span tables below have been created in accordance with EN 1993-1-3 (Eurocode EC3) For the use of wall cladding only.

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

Safe Imposed (positive) Loads (kN/m²)

Span (m)	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2
Single span	8.48	6.79	5.27	3.88	2.97	2.34	1.78	1.33	1.03	0.81	0.65	-	-	-	-	-	-
Double span	5.46	4.01	3.09	2.46	2.02	1.68	1.43	1.22	1.06	0.93	0.83	0.74	0.66	-	-	-	-
Multi span	6.42	4.74	3.67	2.93	2.40	2.01	1.71	1.47	1.28	1.13	1.00	0.89	0.80	0.72	0.66	-	-

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

Span (m)	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2
Single span	12.29	7.86	5.46	4.01	3.07	2.43	1.97	1.62	1.37	1.16	0.97	-	-	-	-	-	-
Double span	11.87	7.60	5.27	3.88	2.97	2.34	1.90	1.57	1.32	1.12	0.97	0.84	0.74	-	-	-	-
Multi span	14.83	9.49	6.59	4.84	3.71	2.93	2.37	1.96	1.65	1.40	1.21	1.05	0.93	0.82	0.73	-	-

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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