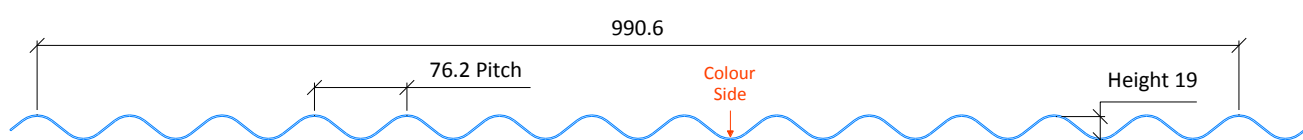


Span/load tables

C13½/3 Wall profile - 0.9mm aluminium 170N/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, span/ 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	22.72	12.92	7.47	4.71	3.15	2.21	1.61	1.21	0.93	0.73	-	-	-	-	-	-	-
Double span	13.54	9.84	7.51	5.94	4.82	4.00	3.37	2.88	2.25	1.77	1.42	1.15	0.95	0.79	0.67	-	-
Multi span	15.97	11.67	8.94	7.10	5.78	4.81	3.89	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	-	-

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	25.23	12.92	7.47	4.71	3.15	2.21	1.61	1.21	0.93	0.73	-	-	-	-	-	-	-
Double span	13.54	9.84	7.51	5.94	4.82	4.00	3.37	2.88	2.25	1.77	1.42	1.15	0.95	0.79	0.67	-	-
Multi span	15.97	11.67	8.94	7.10	5.78	4.81	3.89	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	-	-

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.

www.tatasteel.com

Tata Steel

Shotton, Deeside, Flintshire, CH5 2NH
T: +44 (0) 1244 892 199
F: +44 (0) 1244 892 121
sales.theworks@tatasteel.com
www.tatasteelconstruction.com

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