



This section comes with mini ribs as standard. However, these ribs can be omitted upon request.

Positive Wind Load (+ve)

Broad Flange in Compression (Single Span)

Deflection Limit L/150 *

Factored Wind Pressure Loads (kN/m ²)			(Positive +ve)														
Thickness (mm)	Weight (kg/m ²)	Span Condition	Span (m)														
			1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40
0.50	4.90	Single	4.21	3.46	2.89	2.45	2.10	1.82	1.60	1.36	1.14	0.97	0.83	0.71	0.62	0.54	-
		Double	2.52	2.17	1.89	1.66	1.47	1.32	1.18	1.07	0.97	0.89	0.81	0.75	0.69	0.64	0.59
		Multi	3.00	2.59	2.26	1.99	1.77	1.58	1.43	1.29	1.17	1.07	0.98	0.91	0.84	0.78	0.72
0.70	6.41	Single	6.51	5.34	4.46	3.78	3.25	2.82	2.47	2.07	1.74	1.47	1.26	1.08	0.94	0.82	0.72
		Double	4.50	3.87	3.37	2.96	2.62	2.34	2.10	1.89	1.72	1.57	1.44	1.32	1.22	1.13	1.04
		Multi	5.37	4.63	4.04	3.55	3.15	2.82	2.53	2.29	2.08	1.90	1.74	1.60	1.48	1.37	1.20

Wind Suction Load (-ve)

Narrow Flange in Compression (Single Span)

Deflection Limit L/150 **

Factored Wind Suction Loads (kN/m ²)			(Negative -ve)														
Thickness (mm)	Weight (kg/m ²)	Span Condition	Span (m)														
			1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40
0.50	4.90	Single	3.67	3.04	2.55	2.17	1.87	1.63	1.44	1.27	1.07	0.91	0.78	0.67	0.59	0.51	-
		Double	3.90	3.22	2.71	2.31	1.99	1.73	1.52	1.35	1.20	1.08	0.97	0.88	0.81	0.74	0.68
		Multi	4.87	4.03	3.38	2.88	2.49	2.17	1.90	1.69	1.50	1.35	1.22	1.10	0.98	0.85	0.75
0.70	6.41	Single	6.34	5.24	4.40	3.75	3.24	2.82	2.32	1.93	1.63	1.39	1.19	1.03	0.89	0.78	0.69
		Double	6.02	4.98	4.18	3.56	3.07	2.68	2.35	2.08	1.86	1.67	1.51	1.37	1.24	1.14	1.05
		Multi	7.53	6.22	5.23	4.45	3.84	3.35	2.94	2.61	2.32	2.09	1.88	1.71	1.49	1.30	1.15

Notes:

- 1 Tables to be used in the design of wall cladding.
- 2 All loads factored by 1.4.
- * Deflection limit applied to positive loads - L/150.
- ** Deflection limit applied to suction loads - L/150.

TPP recommend the use of 0.70mm gauge material for horizontal cladding



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