



This section can also be manufactured with mini ribs in the broad crowns please contact us to discuss this option

Positive wind load (+ve)

Broad flange in compression (Single Span)

Deflection limit $L/150^*$

Factored Wind Pressure Loads (kN/m²)

(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/m²)

(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 - $L/150$.

Accord recommend the use of 0.7mm gauge sheets for horizontal wall cladding

Accord Steel Cladding reserve the right to amend information without notice

