



Imposed Load (+ve)

Narrow Flange in Compression (Single Span)

Deflection Limit $L/200$ *

Factored Imposed 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	4.95	Single	1.58	1.17	0.89	0.70	0.56	-	-	-	-	-	-	-	-	-	-
		Double	2.03	1.74	1.51	1.32	1.17	1.04	0.89	0.74	0.62	0.52	-	-	-	-	-
		Multi	2.43	1.95	1.49	1.16	0.93	0.75	0.61	0.51	-	-	-	-	-	-	-
0.70	6.47	Single	2.34	1.74	1.33	1.04	0.83	0.67	0.55	-	-	-	-	-	-	-	-
		Double	3.66	3.10	2.66	2.31	1.99	1.61	1.32	1.10	0.92	0.78	0.67	0.57	-	-	-
		Multi	3.91	2.90	2.22	1.73	1.38	1.11	0.91	0.76	0.64	0.54	-	-	-	-	-

Wind Suction Load (-ve)

Broad 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	4.95	Single	1.87	1.41	1.08	0.85	0.68	0.55	-	-	-	-	-	-	-	-	-
		Double	3.10	2.56	2.15	1.83	1.58	1.33	1.10	0.92	0.77	0.66	0.56	-	-	-	-
		Multi	3.12	2.34	1.80	1.42	1.14	0.92	0.76	0.63	0.53	-	-	-	-	-	-
0.70	6.47	Single	2.78	2.09	1.61	1.27	1.01	0.82	0.68	0.57	-	-	-	-	-	-	-
		Double	4.56	3.77	3.17	2.70	2.33	1.99	1.64	1.36	1.15	0.98	0.84	0.72	0.63	0.55	-
		Multi	4.64	3.49	2.68	2.11	1.69	1.37	1.13	0.94	0.80	0.68	0.58	0.50	-	-	-

Notes:

- 1 This table has been produced for roof cladding applications. However, it can be safely used for wall cladding.
- 2 Safe Imposed loads factored by 1.6. Wind suction loads factored by 1.4.
- * Deflection limit applied to imposed loads - $L/200$.
- ** Deflection limit applied to suction loads - $L/150$.

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



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