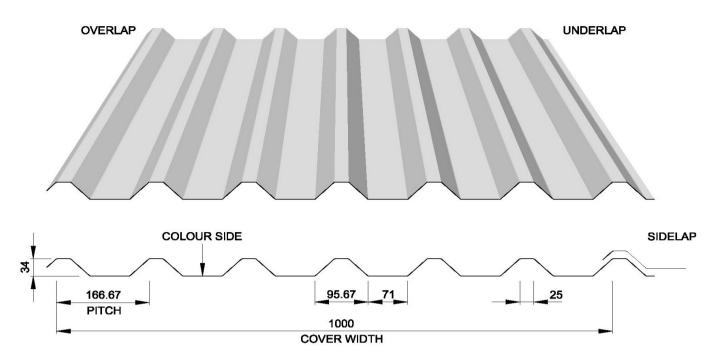
TPP 1000-34 FORWARD





Imposed Load (+ve)

Narrow Flange in Compression (Single Span)
Deflection Limit L/ 200

Factored Imposed Loads (kN/m²) (Posi														Positive	e +ve)		
Thickness	Weight	Span	Span (m)														
(mm)	(kg/m ²	Condition	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	5.10	4.19	3.50	2.97	2.55	2.06	1.69	1.40	1.18	1.00	0.85	0.73	0.64	0.56	-
		Double	2.69	2.33	2.04	1.80	1.60	1.43	1.29	1.17	1.06	0.97	0.89	0.82	0.76	0.70	0.66
		Multi	3.20	2.77	2.43	2.15	1.91	1.72	1.55	1.41	1.28	1.17	1.08	0.99	0.92	0.85	0.79
0.70	6.41	Single	8.31	6.82	5.70	4.77	3.79	3.07	2.52	2.09	1.75	1.48	1.27	1.09	0.95	0.83	0.73
		Double	4.54	3.92	3.42	3.01	2.67	2.39	2.15	1.95	1.77	1.62	1.48	1.36	1.26	1.17	1.08
		Multi	5.40	4.67	4.08	3.60	3.21	2.87	2.59	2.35	2.14	1.95	1.79	1.65	1.53	1.38	1.21

Wind Suction Load (-ve)

Broad Flange in Compression (Single Span)

Deflection Limit L/ 150 *

Factored Wind Suction Loads (kN/m²) (Negative -ve)																	
Thickness	Weight	Span	Span (m)														
(mm)	(kg/m ²	Condition	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
		Single	4.83	4.00	3.36	2.86	2.46	2.00	1.65	1.37	1.16	0.98	0.84	0.73	0.63	0.55	-
0.50	4.90	Double	5.40	4.46	3.75	3.20	2.76	2.40	2.11	1.87	1.67	1.50	1.35	1.22	1.12	1.02	0.94
		Multi	6.75	5.58	4.69	3.99	3.44	3.00	2.64	2.29	1.93	1.64	1.40	1.21	1.06	0.92	0.81
		Single	7.81	6.46	5.42	4.62	3.99	3.26	2.68	2.24	1.88	1.60	1.37	1.19	1.03	0.90	0.80
0.70	6.41	Double	8.79	7.27	6.11	5.20	4.49	3.91	3.44	3.04	2.71	2.44	2.20	1.99	1.82	1.66	1.53
		Multi	10.99	9.09	7.63	6.50	5.61	4.89	4.29	3.73	3.14	2.67	2.29	1.98	1.72	1.51	1.33

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

CE

Thomas Panels & Profiles reserve the right to amend information without notice.