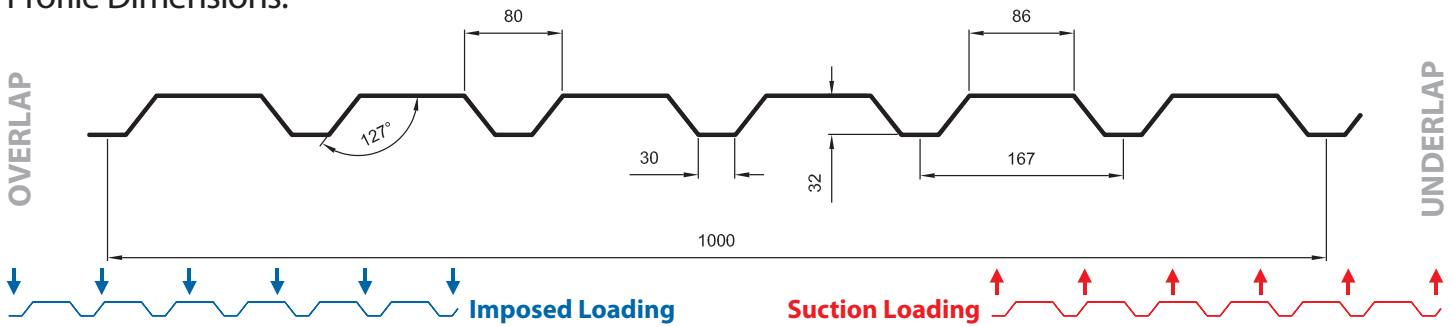


General Information:

Min. Yeild Stress (N/mm ²)	220	Weight (kg/m ²)	0.5	0.7	0.9
Deflection Limit	L/ 150	Shear resistance (kN/m)	4.91	6.88	8.84
		Web Crushing Mid (kN/m)	23.94	39.69	53.76
		Web Crushing End (kN/m)	5.78	10.70	19.02
			2.89	5.35	9.51

Profile Dimensions:



Imposed (Gravity)

Bottom Flange In Tension	0.5	0.7	0.9	Bottom Flange In Compression	0.5	0.7	0.9
Moment Capacity(kNm/m)	0.778	1.268	1.668	Moment Capacity(kNm/m)	0.825	1.190	1.803
Inertia (cm ⁴ /m)	5.838	11.995	13.256	Inertia (cm ⁴ /m)	8.029	8.902	16.826

		Span (m) / UDL (kN/m ²)																
		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	2.50	2.60
0.5	Single	3.85	3.43	2.88	2.46	2.12	1.84	1.62	1.44	1.27	1.08	0.93	0.80	0.70	0.61	0.54	0.47	0.42
	Double	2.26	1.98	1.74	1.55	1.39	1.25	1.14	1.03	0.95	0.87	0.80	0.74	0.69	0.64	0.60	0.56	0.53
	Multi	2.67	2.34	2.07	1.84	1.65	1.49	1.35	1.24	1.13	1.04	0.96	0.89	0.83	0.77	0.72	0.68	0.63
0.7	Single	6.76	5.59	4.70	4.00	3.45	2.90	2.39	1.99	1.68	1.43	1.22	1.06	0.92	0.80	0.71	0.63	0.56
	Double	3.76	3.26	2.86	2.53	2.26	2.02	1.83	1.66	1.51	1.39	1.27	1.18	1.09	1.01	0.94	0.88	0.82
	Multi	4.46	3.88	3.41	3.02	2.70	2.43	2.20	2.00	1.82	1.67	1.54	1.42	1.32	1.22	1.14	1.04	0.93
0.9	Single	8.90	7.35	6.18	5.26	4.54	3.95	3.48	3.08	2.66	2.26	1.94	1.68	1.46	1.28	1.12	0.99	0.88
	Double	6.17	5.34	4.66	4.11	3.66	3.27	2.95	2.67	2.43	2.22	2.04	1.88	1.74	1.61	1.50	1.39	1.30
	Multi	7.36	6.38	5.58	4.93	4.39	3.94	3.55	3.22	2.94	2.69	2.47	2.28	2.11	1.95	1.82	1.66	1.47

Suction (Uplift)

Bottom Flange In Tension	0.5	0.7	0.9	Bottom Flange In Compression	0.5	0.7	0.9
Moment Capacity(kNm/m)	0.825	1.190	1.803	Moment Capacity(kNm/m)	0.778	1.268	1.668
Inertia (cm ⁴ /m)	8.029	8.902	16.826	Inertia (cm ⁴ /m)	5.838	11.995	13.256

		Span (m) / UDL (kN/m ²)																
		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	2.50	2.60
0.5	Single	3.85	3.50	3.06	2.60	2.24	1.96	1.72	1.52	1.36	1.22	1.10	0.97	0.84	0.74	0.65	0.57	0.51
	Double	2.21	1.93	1.70	1.51	1.35	1.21	1.10	1.00	0.92	0.84	0.77	0.72	0.66	0.62	0.58	0.54	0.51
	Multi	2.61	2.28	2.01	1.79	1.61	1.45	1.31	1.20	1.10	1.01	0.93	0.86	0.80	0.75	0.70	0.65	0.61
0.7	Single	6.35	5.25	4.41	3.70	2.96	2.41	1.98	1.65	1.39	1.18	1.02	0.88	0.76	0.67	0.59	0.52	0.46
	Double	3.87	3.36	2.95	2.62	2.34	2.10	1.90	1.72	1.57	1.44	1.33	1.23	1.14	1.05	0.98	0.87	0.77
	Multi	4.59	4.00	3.52	3.12	2.79	2.51	2.27	2.07	1.89	1.74	1.60	1.46	1.27	1.11	0.98	0.87	0.77
0.9	Single	9.62	7.95	6.68	5.69	4.91	4.27	3.76	3.33	2.97	2.64	2.26	1.95	1.70	1.49	1.31	1.16	1.03
	Double	5.93	5.11	4.46	3.93	3.49	3.12	2.81	2.54	2.31	2.11	1.93	1.78	1.64	1.52	1.41	1.32	1.23
	Multi	7.08	6.12	5.35	4.72	4.20	3.76	3.39	3.07	2.79	2.55	2.34	2.16	2.00	1.85	1.72	1.60	1.50

Notes

- CA 32 1000W when installed vertically as part of a wall construction to be limited to maximum 2.20m rail spans.
- CA 32 1000W when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.
- CA 32 1000W when installed horizontally should be 0.7mm thick minimum.