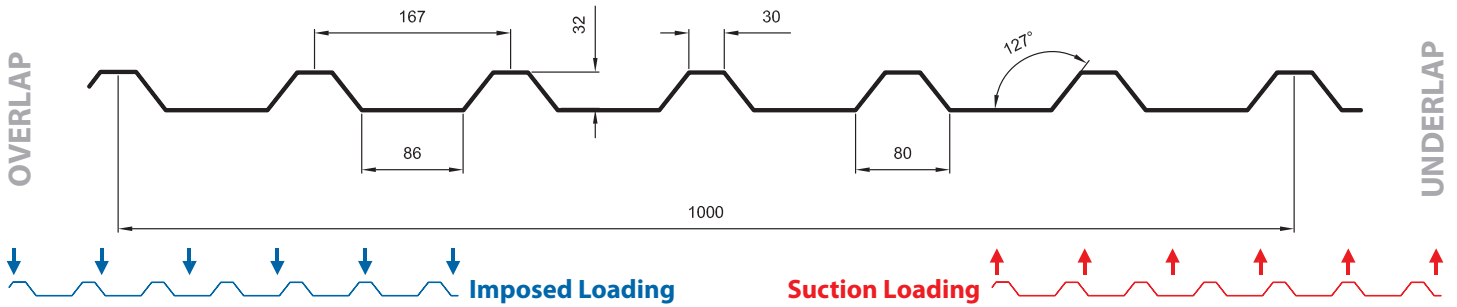


General Information:

Min. Yeild Stress (N/mm ²)	220	Weight (kg/m ²)	0.5	0.7	0.9
Deflection Limit	L/ 200	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)	0.825	1.268	1.803	Moment Capacity(kNm/m)	0.778	1.190	1.668
Inertia (cm ⁴ /m)	8.029	11.995	16.826	Inertia (cm ⁴ /m)	5.840	8.902	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	1.64	1.37	1.15	0.98	0.84	0.73	0.63	0.55	0.49	0.43	0.38
	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	6.76	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	9.62	7.95	6.68	5.69	4.91	4.02	3.31	2.76	2.33	1.98	1.70	1.47	1.27	1.12	0.98	0.87	0.77
	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	1.64	1.45	1.29

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)	0.778	1.190	1.668	Moment Capacity(kNm/m)	0.825	1.268	1.803
Inertia (cm ⁴ /m)	5.840	8.902	13.256	Inertia (cm ⁴ /m)	8.029	11.995	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	2.03	1.65	1.36	1.13	0.95	0.81	0.69	0.60	0.52	0.46	0.40	0.36	0.32
	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	0.76	0.67	0.59	0.53
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	8.90	7.35	6.18	5.26	4.25	3.45	2.84	2.37	2.00	1.70	1.46	1.26	1.09	0.96	0.84	0.75	0.66
	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	1.60	1.40	1.24	1.10
	Multi	7.36	6.38	5.58	4.93	4.39	3.94	3.55	3.22	2.94	2.69	2.43	2.10	1.82	1.60	1.40	1.24	1.10

Notes

- CA 32 1000R when installed as part of a roof construction to be limited to maximum 1.80m purlin spans. Refer to CABP Technical Note TN-24 for further information regarding Non-Fragility.
- CA 32 1000R when installed vertically as part of a wall construction to be limited to maximum 2.20m rail spans.
- CA 32 1000R when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.
- CA 32 1000R when installed horizontally should be 0.7mm thick minimum.