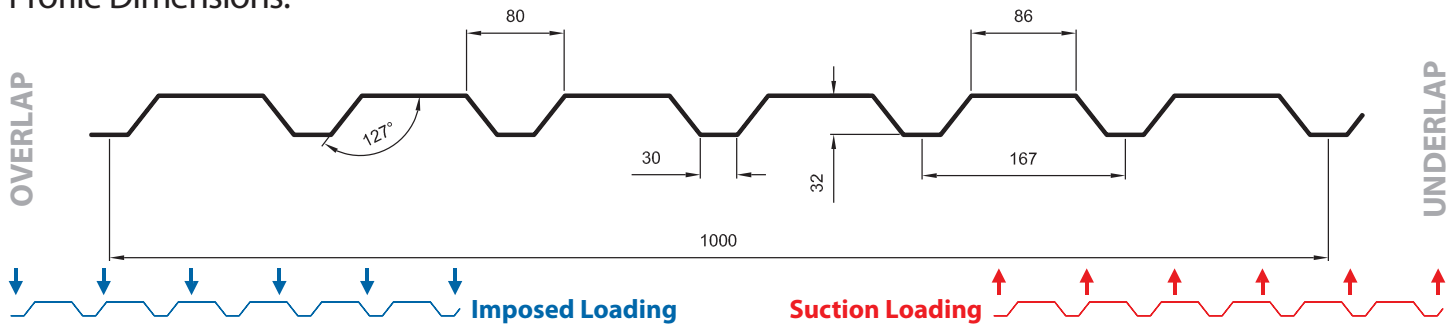


General Information:

Min. Yeild Stress (N/mm ²)	220	Weight (kg/m ²)	0.7	0.9
Deflection Limit	L/ 200	Shear resistance (kN/m)	6.88	8.84
		Web Crushing Mid (kN/m)	39.69	51.32
		Web Crushing End (kN/m)	10.70	18.59
			5.35	9.29

Profile Dimensions:



Imposed (Gravity)

Bottom Flange In Tension	0.7	0.9	Bottom Flange In Compression	0.7	0.9
Moment Capacity(kNm/m)	1.190	1.596	Moment Capacity(kNm/m)	1.268	1.721
Inertia (cm ⁴ /m)	8.900	13.340	Inertia (cm ⁴ /m)	11.997	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
0.7	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	3.47	2.86	2.38	2.01	1.70	1.46	1.26	1.10	0.96	0.85	0.75	0.67	0.59	0.53	0.48	0.43	0.39
	Double	3.15	2.84	2.57	2.34	2.14	1.96	1.81	1.67	1.55	1.41	1.25	1.11	0.99	0.89	0.80	0.72	0.65
	Multi	3.80	3.42	3.10	2.83	2.59	2.38	2.10	1.83	1.60	1.41	1.25	1.11	0.99	0.89	0.80	0.72	0.65

Suction (Uplift)

Bottom Flange In Tension	0.7	0.9	Bottom Flange In Compression	0.7	0.9
Moment Capacity(kNm/m)	1.268	1.721	Moment Capacity(kNm/m)	1.190	1.596
Inertia (cm ⁴ /m)	11.997	16.826	Inertia (cm ⁴ /m)	8.900	13.340

		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
0.7	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	4.02	3.31	2.76	2.33	1.98	1.70	1.47	1.27	1.12	0.98	0.87	0.77	0.69	0.62	0.56	0.50	0.46
	Double	3.01	2.70	2.45	2.22	2.03	1.86	1.71	1.58	1.46	1.36	1.27	1.18	1.11	1.03	0.93	0.84	0.76
	Multi	3.63	3.27	2.96	2.69	2.46	2.26	2.08	1.92	1.78	1.64	1.45	1.29	1.15	1.03	0.93	0.84	0.76

Notes

- CA 32 1000D when installed as part of a roof construction to be limited to maximum 1.80m purlin spans if used as a working platform, 0.9mm thick.