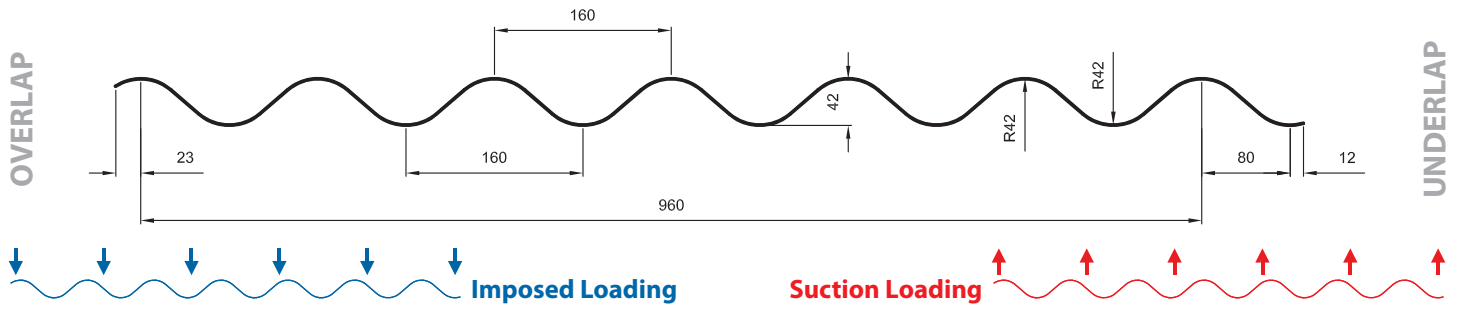


General Information:

Min. Yeild Stress (N/mm ²)	220	Weight (kg/m ²)	0.63	0.75
Deflection Limit	L/ 150		6.19	7.37

Profile Dimensions:



Imposed (Gravity)

Bottom Flange In Tension	0.63	0.75	Bottom Flange In Compression	0.63	0.75
Moment Capacity(kNm/m)	1.220	1.790	Moment Capacity(kNm/m)	1.220	1.790
Inertia (cm ⁴ /m)	11.644	17.088	Inertia (cm ⁴ /m)	11.644	17.088

		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
0.63	Single	6.51	5.38	4.52	3.85	3.32	2.89	2.54	2.25	2.01	1.80	1.56	1.35	1.18	1.03	0.91	0.80	0.71
	Double	6.51	5.38	4.52	3.85	3.32	2.89	2.54	2.25	2.01	1.80	1.63	1.48	1.34	1.23	1.13	1.04	0.96
	Multi	8.13	6.72	5.65	4.81	4.15	3.61	3.18	2.81	2.51	2.25	2.03	1.84	1.68	1.54	1.41	1.30	1.19
0.75	Single	9.55	7.89	6.63	5.65	4.87	4.24	3.73	3.30	2.95	2.64	2.30	1.98	1.73	1.51	1.33	1.18	1.05
	Double	9.55	7.89	6.63	5.65	4.87	4.24	3.73	3.30	2.95	2.64	2.39	2.17	1.97	1.80	1.66	1.53	1.41
	Multi	11.93	9.86	8.29	7.06	6.09	5.30	4.66	4.13	3.68	3.31	2.98	2.71	2.47	2.26	2.07	1.91	1.74

Suction (Uplift)

Bottom Flange In Tension	0.63	0.75	Bottom Flange In Compression	0.63	0.75
Moment Capacity(kNm/m)	1.220	1.790	Moment Capacity(kNm/m)	1.220	1.790
Inertia (cm ⁴ /m)	11.644	17.088	Inertia (cm ⁴ /m)	11.644	17.088

		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
0.63	Single	6.51	5.38	4.52	3.85	3.32	2.89	2.54	2.25	2.01	1.80	1.56	1.35	1.18	1.03	0.91	0.80	0.71
	Double	6.51	5.38	4.52	3.85	3.32	2.89	2.54	2.25	2.01	1.80	1.63	1.48	1.34	1.23	1.13	1.04	0.96
	Multi	8.13	6.72	5.65	4.81	4.15	3.61	3.18	2.81	2.51	2.25	2.03	1.84	1.68	1.54	1.41	1.30	1.19
0.75	Single	9.55	7.89	6.63	5.65	4.87	4.24	3.73	3.30	2.95	2.64	2.30	1.98	1.73	1.51	1.33	1.18	1.05
	Double	9.55	7.89	6.63	5.65	4.87	4.24	3.73	3.30	2.95	2.64	2.39	2.17	1.97	1.80	1.66	1.53	1.41
	Multi	11.93	9.86	8.29	7.06	6.09	5.30	4.66	4.13	3.68	3.31	2.98	2.71	2.47	2.26	2.07	1.91	1.74

Notes

- CA Sinu 42 960 when installed vertically as part of a wall construction to be limited to maximum 2.20m rail spans.
- CA Sinu 42 960 when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.
- CA Sinu 42 960 when installed horizontally should be 0.7mm thick minimum.