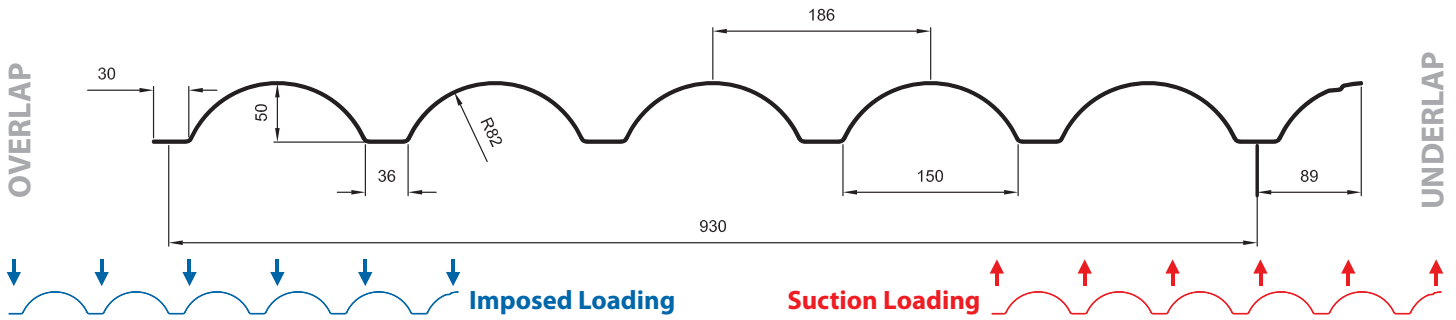


### General Information:

Min. Yeild Stress (N/mm <sup>2</sup> )	220	Weight (kg/m <sup>2</sup> )	<b>0.63</b>	<b>0.75</b>
Deflection Limit	L/ 150	Shear resistance (kN/m)	6.19	7.37
		Web Crushing Mid (kN/m)	20.35	24.32
		Web Crushing End (kN/m)	10.92	15.53
			5.46	7.76

### Profile Dimensions:



### Imposed (Gravity)

<b>Bottom Flange In Tension</b>	<b>0.63</b>	<b>0.75</b>	<b>Bottom Flange In Compression</b>	<b>0.63</b>	<b>0.75</b>
Moment Capacity(kNm/m)	2.336	2.763	Moment Capacity(kNm/m)	2.809	3.141
Inertia (cm <sup>4</sup> /m)	20.950	26.156	Inertia (cm <sup>4</sup> /m)	23.830	28.596

		Span (m) / UDL (kN/m <sup>2</sup> )																
		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
<b>0.63</b>	<b>Single</b>	5.20	4.85	4.55	4.28	4.04	3.74	3.20	2.77	2.41	2.11	1.85	1.64	1.46	1.30	1.17	1.05	0.95
	<b>Double</b>	3.14	2.85	2.60	2.39	2.20	2.03	1.88	1.75	1.63	1.53	1.43	1.34	1.26	1.19	1.13	1.07	1.01
	<b>Multi</b>	3.70	3.37	3.08	2.82	2.60	2.41	2.24	2.08	1.94	1.82	1.71	1.60	1.51	1.43	1.35	1.28	1.21
<b>0.75</b>	<b>Single</b>	7.39	6.90	6.47	5.80	5.17	4.48	3.84	3.32	2.89	2.53	2.22	1.97	1.75	1.56	1.40	1.26	1.14
	<b>Double</b>	4.14	3.74	3.41	3.11	2.86	2.63	2.44	2.26	2.10	1.96	1.84	1.72	1.62	1.52	1.44	1.36	1.28
	<b>Multi</b>	4.90	4.44	4.05	3.70	3.40	3.14	2.91	2.70	2.52	2.35	2.20	2.07	1.94	1.83	1.73	1.63	1.55

### Suction (Uplift)

<b>Bottom Flange In Tension</b>	<b>0.63</b>	<b>0.75</b>	<b>Bottom Flange In Compression</b>	<b>0.63</b>	<b>0.75</b>
Moment Capacity(kNm/m)	2.809	3.141	Moment Capacity(kNm/m)	2.336	2.763
Inertia (cm <sup>4</sup> /m)	23.830	28.596	Inertia (cm <sup>4</sup> /m)	20.950	26.156

		Span (m) / UDL (kN/m <sup>2</sup> )																
		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
<b>0.63</b>	<b>Single</b>	5.20	4.85	4.55	4.28	3.85	3.28	2.82	2.43	2.12	1.85	1.63	1.44	1.28	1.14	1.03	0.92	0.83
	<b>Double</b>	3.37	3.07	2.80	2.58	2.38	2.20	2.05	1.91	1.78	1.67	1.57	1.48	1.39	1.32	1.24	1.18	1.12
	<b>Multi</b>	3.95	3.60	3.30	3.04	2.81	2.60	2.42	2.26	2.12	1.98	1.86	1.76	1.66	1.57	1.48	1.41	1.34
<b>0.75</b>	<b>Single</b>	7.39	6.55	5.76	5.10	4.55	4.08	3.52	3.04	2.64	2.31	2.03	1.80	1.60	1.43	1.28	1.15	1.04
	<b>Double</b>	4.37	3.96	3.61	3.31	3.04	2.81	2.60	2.42	2.25	2.11	1.97	1.85	1.74	1.64	1.55	1.47	1.39
	<b>Multi</b>	5.16	4.68	4.28	3.92	3.61	3.34	3.10	2.88	2.69	2.51	2.36	2.22	2.09	1.97	1.86	1.76	1.67

#### Notes

- CA Arc 50 930 when installed vertically as part of a wall construction to be limited to maximum 2.20m rail spans.
- CA Arc 50 930 when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.
- CA Arc 50 930 when installed horizontally should be 0.7mm thick minimum.