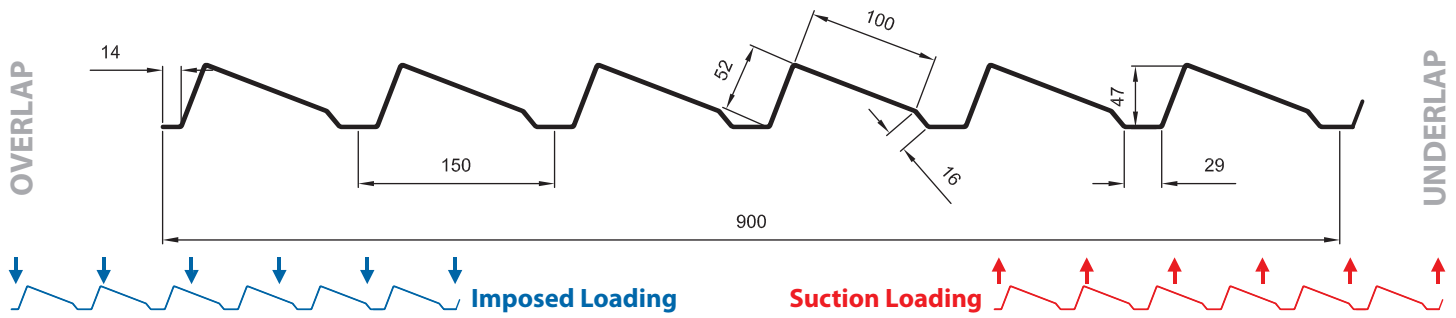


General Information:

Min. Yeild Stress (N/mm ²)	220	Weight (kg/m ²)	0.7 6.88
Deflection Limit	L/200	Shear resistance (kN/m)	-
		Web Crushing Mid (kN/m)	-
		Web Crushing End (kN/m)	-

Profile Dimensions:



Imposed (Gravity)

Bottom Flange In Tension	0.7	Bottom Flange In Compression	0.7
Moment Capacity(kNm/m)	-	Moment Capacity(kNm/m)	-
Inertia (cm ⁴ /m)	-	Inertia (cm ⁴ /m)	-

		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	7.45	6.15	5.17	4.41	3.80	3.31	2.91	2.58	2.30	2.06	1.86	1.69	1.54	1.41	1.29	1.17	1.04
	Double	4.65	4.04	3.54	3.14	2.80	2.51	2.27	2.06	1.88	1.72	1.58	1.46	1.35	1.26	1.17	1.09	1.02
	Multi	5.52	4.80	4.22	3.75	3.35	3.01	2.72	2.48	2.26	2.07	1.91	1.77	1.64	1.52	1.42	1.32	1.24

Suction (Uplift)

Bottom Flange In Tension	0.7	Bottom Flange In Compression	0.7
Moment Capacity(kNm/m)	-	Moment Capacity(kNm/m)	-
Inertia (cm ⁴ /m)	-	Inertia (cm ⁴ /m)	-

		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	7.95	6.57	5.52	4.70	4.05	3.53	3.10	2.75	2.45	2.20	1.99	1.80	1.64	1.50	1.38	1.25	1.11
	Double	4.51	3.91	3.43	3.03	2.70	2.42	2.18	1.98	1.81	1.65	1.52	1.40	1.30	1.20	1.12	1.04	0.98
	Multi	5.36	4.66	4.09	3.62	3.23	2.90	2.62	2.38	2.18	1.99	1.83	1.69	1.57	1.46	1.36	1.27	1.19

Notes

- CA 47 900SL when installed vertically as part of a wall construction to be limited to maximum 2.20m rail spans.
- CA 47 900SL when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.