

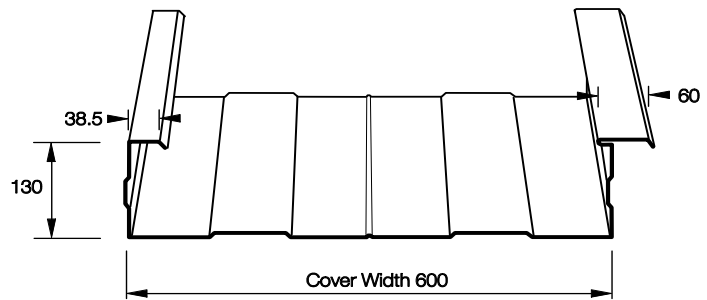


CORUS

Corus Panels and Profiles Structural Liner Tray

HL130 / 600

Galvanised steel 550 N/mm²



Ultimate Section Properties

Nominal Thickness mm	Design Thickness mm	Weight kg/m ²	Narrow flange in compression		Broad flange in compression		Web Crushing kN/m	Bearing mm 100	
			Moment Capacity kNm/m	Moment of Inertia cm ⁴ /m	Moment Capacity kNm/m	Moment of Inertia cm ⁴ /m		Shear Capacity kN/m	Shear Capacity kN/m
0.75	0.71	9.60	10.08	257.32	9.99	231.29	12.77	25.14	
1.00	0.96	13.00	15.76	373.62	16.84	325.09	21.05	45.95	

Imposed load - deflection limit span / 200



Broad flange in compression, single span

Wind suction - deflection limit span / 90

Narrow flange in compression, single span



Safe Imposed (positive) Loads (kN/m²)

Span Condition	Thickness mm	SPAN (metres)														
		4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00
Single	0.75	1.96	1.87	1.79	1.71	1.53	1.35	1.19	1.06	0.94	0.84	0.76	-	-	-	-
	1.00	3.26	3.10	2.89	2.53	2.23	1.96	1.74	1.55	1.38	1.23	1.11	0.99	0.90	0.81	0.73
Double	0.75	1.26	1.18	1.10	1.04	0.98	0.92	0.87	0.82	0.78	0.74	0.70	-	-	-	-
	1.00	2.11	1.97	1.85	1.74	1.64	1.55	1.47	1.39	1.32	1.25	1.19	1.13	1.08	1.03	0.98
Multi	0.75	1.49	1.39	1.31	1.23	1.16	1.10	1.04	0.98	0.93	0.89	0.84	0.80	0.77	0.73	-
	1.00	2.48	2.33	2.19	2.06	1.95	1.84	1.74	1.65	1.57	1.50	1.42	1.36	1.30	1.24	1.18

Safe Wind Suction (negative) Loads (kN/m²)

Span Condition	Thickness mm	SPAN (metres)														
		4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00
Single	0.75	3.08	2.81	2.58	2.38	2.19	2.03	1.89	1.76	1.65	1.54	1.45	-	-	-	-
	1.00	5.18	4.72	4.33	3.98	3.68	3.41	3.17	2.95	2.75	2.58	2.42	2.28	2.11	1.94	1.79
Double	0.75	3.11	2.84	2.60	2.40	2.21	2.05	1.91	1.78	1.66	1.56	1.46	-	-	-	-
	1.00	4.85	4.43	4.06	3.73	3.45	3.19	2.97	2.77	2.58	2.42	2.27	2.14	2.01	1.90	1.80
Multi	0.75	3.87	3.53	3.24	2.98	2.75	2.55	2.37	2.21	2.06	1.93	1.81	1.70	1.61	1.52	-
	1.00	6.04	5.51	5.05	4.65	4.29	3.97	3.69	3.44	3.21	3.00	2.82	2.65	2.50	2.36	2.23

These load span tables have been calculated to BS5950 Part 6, & provide safe working loads (factor 1.5).

Information in this datasheet may be changed without notice.

Roof loading should be calculated in accordance with BS 6399 : Part 3 (Part 2 for wind loading)

CP&P recommend using a minimum imposed UDL of 1.5kN/m². Snow and wind loading may be more severe than this, however.