



CORUS

Corus Panels and Profiles Structural Liner Tray

HL130 / 600 perforated

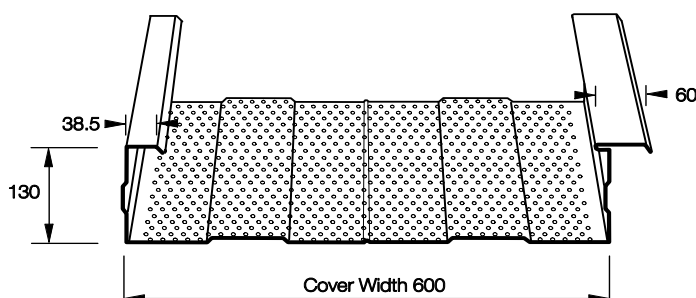
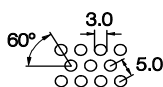
Galvanised steel 550 N/mm²

Perforating pattern 3033

3.0mm ϕ holes at 5.0mm triangular centres.

Pattern open area 33%

Total open area provided: 27.3% of surface area



Ultimate Section Properties

Nominal Thickness mm	Design Thickness mm	Weight kg/m ²	Narrow flange in compression		Broad flange in compression		Bearing mm 100	
			Moment Capacity kNm/m	Moment of Inertia cm ⁴ /m	Moment Capacity kNm/m	Moment of Inertia cm ⁴ /m	Web Crushing kN/m	Shear Capacity kN/m
0.75	0.71	7.83	9.77	159.29	7.63	152.03	8.24	25.14
1.00	0.96	10.64	15.23	230.93	13.19	214.54	13.53	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)														
		2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40
Single	0.75	2.06	1.91	1.78	1.67	1.56	1.47	1.39	1.32	1.26	1.20	1.14	1.06	0.93	-	-
	1.00	3.40	3.15	2.94	2.75	2.58	2.44	2.30	2.19	2.08	1.98	1.76	1.54	1.35	1.19	1.05
Double	0.75	1.60	1.46	1.33	1.22	1.13	1.05	0.97	0.91	-	-	-	-	-	-	-
	1.00	2.67	2.43	2.23	2.05	1.90	1.76	1.64	1.53	1.43	1.34	1.26	1.19	1.12	1.06	1.01
Multi	0.75	1.86	1.70	1.56	1.43	1.33	1.23	1.15	1.07	1.00	0.94	-	-	-	-	-
	1.00	3.10	2.83	2.60	2.40	2.22	2.06	1.92	1.80	1.68	1.58	1.49	1.41	1.33	1.26	1.19

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

Span Condition	Thickness mm	SPAN (metres)														
		2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40
Single	0.75	6.07	5.24	4.57	4.03	3.57	3.19	2.87	2.59	2.36	2.15	1.97	1.82	1.68	-	-
	1.00	10.48	9.04	7.89	6.94	6.15	5.50	4.94	4.47	4.06	3.70	3.39	3.12	2.88	2.67	2.48
Double	0.75	7.76	6.70	5.84	5.14	4.56	4.07	3.66	3.31	-	-	-	-	-	-	-
	1.00	12.09	10.43	9.09	8.00	7.10	6.34	5.69	5.15	4.67	4.27	3.91	3.60	3.32	3.07	2.86
Multi	0.75	9.46	8.16	7.12	6.26	5.55	4.96	4.45	4.03	3.66	3.34	-	-	-	-	-
	1.00	15.09	13.02	11.35	9.98	8.85	7.90	7.10	6.42	5.83	5.31	4.87	4.48	4.13	3.82	3.55

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.