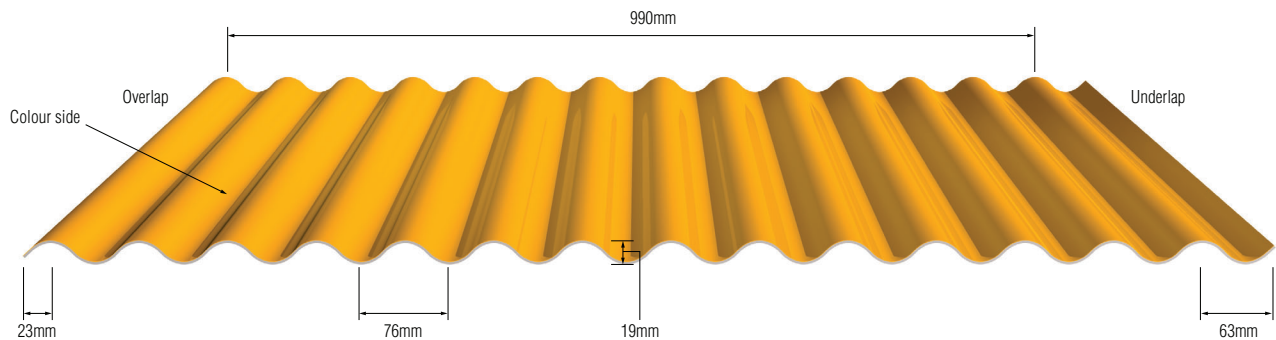


EC 13^{1/2}/3 Steel



Dimension details

Cover width	914mm
Profile pitch	76mm
Profile depth	19mm
Overlap (left as shown above)	23mm (from top dead centre)
Underlap (right as shown above)	63mm (from bottom dead centre)

Weight per linear metre

0.7mm	6.753 kgs
0.9mm	8.682 kgs

Curving: Corrugated profile can be curved to a minimum radius of 2m.

13^{1/2}/3 steel. Load/Span tables – working load UDL (kN/m²)

Load factor (working load to ultimate) = 1.5

		Span (m)																	
GRAVITY	L/200	Thickness	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
	Single span	0.7mm	2.33	1.75	1.35	1.06	0.85	0.69	0.57	0.48	0.40	0.34	0.29	0.25	0.22	0.19	0.17	0.15	0.13
	Double span	0.7mm	3.73	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	0.57	0.49	0.42	0.37	0.32	0.28	0.25	0.22
	Multi span	0.7mm	3.89	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	0.57	0.49	0.42	0.37	0.32	0.28	0.25	0.22
	Single span	0.9mm	2.96	2.22	1.71	1.35	1.08	0.88	0.72	0.60	0.51	0.43	0.37	0.32	0.28	0.24	0.21	0.19	0.17
	Double span	0.9mm	4.73	3.70	2.85	2.24	1.80	1.46	1.20	1.00	0.84	0.72	0.62	0.53	0.46	0.40	0.36	0.32	0.28
	Multi span	0.9mm	4.93	3.70	2.85	2.24	1.80	1.46	1.20	1.00	0.84	0.72	0.62	0.53	0.46	0.40	0.36	0.32	0.28

Load factor (working load to ultimate) = 1.5

		Span (m)																	
UPLIFT	L/200	Thickness	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
	Single span	0.7mm	2.33	1.75	1.35	1.06	0.85	0.69	0.57	0.48	0.40	0.34	0.29	0.25	0.22	0.19	0.17	0.15	0.13
	Single span	0.7mm	3.73	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	0.57	0.49	0.42	0.37	0.32	0.28	0.25	0.22
	Single span	0.7mm	3.89	2.92	2.25	1.77	1.42	1.15	0.95	0.79	0.67	0.57	0.49	0.42	0.37	0.32	0.28	0.25	0.22
	Single span	0.9mm	2.96	2.22	1.71	1.35	1.08	0.88	0.72	0.60	0.51	0.43	0.37	0.32	0.28	0.24	0.21	0.19	0.17
	Single span	0.9mm	4.73	3.70	2.85	2.24	1.80	1.46	1.20	1.00	0.84	0.72	0.62	0.53	0.46	0.40	0.36	0.32	0.28
	Single span	0.9mm	4.93	3.70	2.85	2.24	1.80	1.46	1.20	1.00	0.84	0.72	0.62	0.53	0.46	0.40	0.36	0.32	0.28

Tables calculated by the SCI to EN 1993-1-3 (Eurocode E3)

