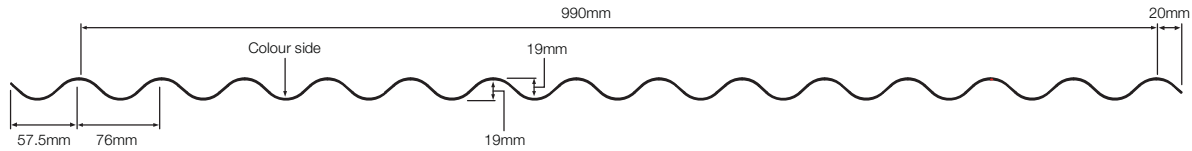


WALL CLADDING PROFILES

13.5/3 Sinusoidal · Steel



Dimension details

Cover width	990mm
Profile pitch	76mm
Profile depth	19mm
Overlap (left as shown above)	20mm from top dead centre
Underlap (right as shown above right)	57.5mm from top dead centre

Weight per linear metre

0.5mm	4.850 kgs
0.7mm	6.790 kgs
0.9mm	8.730 kgs

Tolerance on all dimensions as per BS EN 508 – 2.

13.5/3 Sinusoidal Steel · Load/Span tables – working load UDL (kN/m²)

Load factor (working load to ultimate) 1.5

		SPAN (m)																	
POSITIVE PRESSURE	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	0.5mm	2.23	1.68	1.29	1.02	0.81	0.66	0.55	0.45	0.38	0.33	0.28	0.24	0.21	0.18	0.16	0.14	0.13
	Double Span	0.5mm	2.68	2.21	1.86	1.58	1.36	1.10	0.91	0.76	0.64	0.54	0.47	0.40	0.35	0.31	0.27	0.24	0.21
	Multi Span	0.5mm	3.35	2.77	2.15	1.69	1.36	1.10	0.91	0.76	0.64	0.54	0.47	0.40	0.35	0.31	0.27	0.24	0.21
	Single Span	0.7mm	3.11	2.34	1.80	1.42	1.13	0.92	0.76	0.63	0.53	0.45	0.39	0.34	0.29	0.26	0.23	0.20	0.18
	Double Span	0.7mm	3.73	3.09	2.59	2.21	1.89	1.54	1.27	1.06	0.89	0.76	0.65	0.56	0.49	0.43	0.38	0.33	0.30
	Multi Span	0.7mm	4.67	3.86	3.00	2.36	1.89	1.54	1.27	1.06	0.89	0.76	0.65	0.56	0.49	0.43	0.38	0.33	0.30
	Single Span	0.9mm	3.94	2.96	2.28	1.79	1.44	1.17	0.96	0.80	0.68	0.57	0.49	0.43	0.37	0.32	0.29	0.25	0.22
	Double Span	0.9mm	4.73	3.91	3.28	2.80	2.39	1.95	1.60	1.34	1.13	0.96	0.82	0.71	0.62	0.54	0.48	0.42	0.37
	Multi Span	0.9mm	5.91	4.88	3.80	2.99	2.39	1.95	1.60	1.34	1.13	0.96	0.82	0.71	0.62	0.54	0.48	0.42	0.37

Load factor (working load to ultimate) 1.5

		SPAN (m)																	
SUCTION	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	0.5mm	2.23	1.68	1.29	1.02	0.81	0.66	0.55	0.45	0.38	0.33	0.28	0.24	0.21	0.18	0.16	0.14	0.13
	Double Span	0.5mm	2.68	2.21	1.86	1.58	1.36	1.10	0.91	0.76	0.64	0.54	0.47	0.40	0.35	0.31	0.27	0.24	0.21
	Multi Span	0.5mm	3.35	2.77	2.15	1.69	1.36	1.10	0.91	0.76	0.64	0.54	0.47	0.40	0.35	0.31	0.27	0.24	0.21
	Single Span	0.7mm	3.11	2.34	1.80	1.42	1.13	0.92	0.76	0.63	0.53	0.45	0.39	0.34	0.29	0.26	0.23	0.20	0.18
	Double Span	0.7mm	3.73	3.09	2.59	2.21	1.89	1.54	1.27	1.06	0.89	0.76	0.65	0.56	0.49	0.43	0.38	0.33	0.30
	Multi Span	0.7mm	4.67	3.86	3.00	2.36	1.89	1.54	1.27	1.06	0.89	0.76	0.65	0.56	0.49	0.43	0.38	0.33	0.30
	Single Span	0.9mm	3.94	2.96	2.28	1.79	1.44	1.17	0.96	0.80	0.68	0.57	0.49	0.43	0.37	0.32	0.29	0.25	0.22
	Double Span	0.9mm	4.73	3.91	3.28	2.80	2.39	1.95	1.60	1.34	1.13	0.96	0.82	0.71	0.62	0.54	0.48	0.42	0.37
	Multi Span	0.9mm	5.91	4.88	3.80	2.99	2.39	1.95	1.60	1.34	1.13	0.96	0.82	0.71	0.62	0.54	0.48	0.42	0.37

Tables calculated by the SCI to EN 1993-1-3 (Eurocode EC3).

