



**Dimension details**

Cover width	1,000mm
Profile pitch	200mm
Profile depth	32mm
Crown width	23mm
Valley width	132mm
Rib width	68mm
Web	39mm
Overlap (left as shown above)	15mm
Underlap (right as shown above right)	5mm (minimum)

**Weight per linear metre**

0.5mm	4.823 kgs
0.7mm	6.753 kgs
0.9mm	8.646 kgs

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

**MW5R Steel · Load/Span tables – working load UDL (kN/m<sup>2</sup>)**

**Load factor (working load to ultimate) = 1.5**

		SPAN (m)																		
		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
GRAVITY	Single Span	0.5mm	3.26	2.96	2.51	2.14	1.85	1.61	1.41	1.22	1.03	0.87	0.75	0.65	0.56	0.49	0.43	0.38	0.34	
	Double Span	0.5mm	1.79	1.56	1.37	1.21	1.08	0.97	0.88	0.80	0.73	0.67	0.62	0.57	0.53	0.49	0.46	0.43	0.40	
	Multi Span	0.5mm	2.12	1.85	1.63	1.44	1.29	1.16	1.05	0.96	0.88	0.80	0.74	0.69	0.64	0.59	0.55	0.52	0.48	
	Single Span	0.7mm	5.49	4.54	3.81	3.25	2.80	2.44	2.15	1.80	1.52	1.29	1.11	0.96	0.83	0.73	0.64	0.57	0.50	
	Double Span	0.7mm	3.11	2.68	2.34	2.07	1.83	1.64	1.48	1.34	1.22	1.11	1.02	0.94	0.87	0.80	0.75	0.70	0.65	
	Multi Span	0.7mm	3.70	3.21	2.81	2.48	2.21	1.98	1.78	1.62	1.47	1.35	1.24	1.14	1.05	0.98	0.91	0.85	0.79	
	Single Span	0.9mm	7.16	5.92	4.97	4.24	3.65	3.18	2.80	2.35	1.98	1.68	1.44	1.25	1.09	0.95	0.84	0.74	0.66	
	Double Span	0.9mm	4.58	3.94	3.43	3.01	2.66	2.38	2.13	1.92	1.75	1.59	1.46	1.34	1.23	1.14	1.06	0.99	0.92	
	Multi Span	0.9mm	5.50	4.74	4.13	3.63	3.22	2.87	2.58	2.33	2.12	1.94	1.77	1.63	1.51	1.39	1.29	1.20	1.10	

**Load factor (working load to ultimate) = 1.5**

		SPAN (m)																		
		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
UPLIFT	Single Span	0.5mm	3.17	2.62	2.20	1.87	1.62	1.32	1.08	0.90	0.76	0.65	0.56	0.48	0.42	0.37	0.32	0.28	0.25	
	Double Span	0.5mm	1.89	1.65	1.46	1.30	1.16	1.04	0.95	0.86	0.79	0.72	0.67	0.62	0.57	0.53	0.50	0.47	0.42	
	Multi Span	0.5mm	2.24	1.96	1.73	1.54	1.38	1.25	1.13	1.03	0.94	0.87	0.80	0.74	0.69	0.61	0.54	0.47	0.42	
	Single Span	0.7mm	4.76	3.93	3.30	2.81	2.43	2.01	1.66	1.38	1.16	0.99	0.85	0.73	0.64	0.56	0.49	0.43	0.39	
	Double Span	0.7mm	3.34	2.89	2.54	2.24	2.00	1.79	1.62	1.47	1.34	1.22	1.12	1.04	0.96	0.89	0.82	0.72	0.64	
	Multi Span	0.7mm	3.97	3.45	3.03	2.68	2.39	2.15	1.94	1.76	1.61	1.48	1.36	1.22	1.06	0.93	0.82	0.72	0.64	
	Single Span	0.9mm	6.40	5.29	4.44	3.79	3.27	2.75	2.27	1.89	1.59	1.36	1.16	1.00	0.87	0.76	0.67	0.60	0.53	
	Double Span	0.9mm	4.88	4.21	3.67	3.23	2.86	2.56	2.30	2.08	1.89	1.72	1.58	1.45	1.34	1.24	1.12	0.99	0.88	
	Multi Span	0.9mm	5.84	5.04	4.40	3.88	3.45	3.09	2.78	2.52	2.29	2.09	1.92	1.67	1.46	1.27	1.12	0.99	0.88	

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