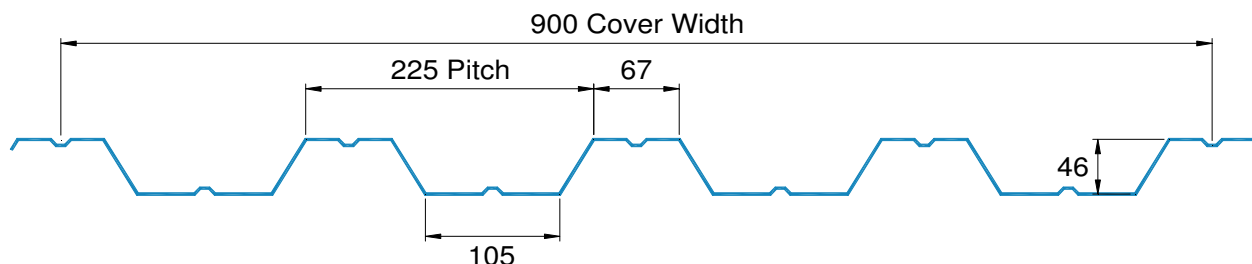


## Span/load Tables

# R46 - 0.7mm Steel 220 N/mm<sup>2</sup>



The Span Tables below have been created in accordance with EN 1993-1-3 (Eurocode EC3) and calculated by the Steel Construction Institute (SCI). The values are based on a maximum permitted deflection of Span/200 under imposed load.

### Safe imposed (positive) loads (kN/m<sup>2</sup>)

Span condition	Span (m)																
	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
Single	5.5	5	4.59	4.23	3.93	3.67	3.44	3.24	3.06	2.9	2.75	2.58	2.25	1.97	1.73	1.53	1.36
Double	4.11	3.64	3.26	2.94	2.66	2.43	2.23	2.05	1.9	1.76	1.64	1.53	1.43	1.34	1.26	1.19	1.12
Multi	4.78	4.24	3.8	3.43	3.12	2.85	2.61	2.41	2.23	2.07	1.93	1.81	1.69	1.59	1.5	1.41	1.33

### Safe wind suction (negative) loads (kN/m<sup>2</sup>)

Span condition	Span (m)																
	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
Single	5.5	5	4.59	4.23	3.93	3.67	3.44	3.24	3.06	2.9	2.75	2.39	2.08	1.82	1.6	1.41	1.26
Double	4.13	3.66	3.28	2.95	2.68	2.45	2.24	2.07	1.91	1.77	1.65	1.54	1.44	1.36	1.27	1.2	1.13
Multi	4.8	4.27	3.82	3.45	3.14	2.87	2.63	2.43	2.25	2.09	1.95	1.82	1.71	1.6	1.51	1.42	1.35



'SCI Assessed' quality mark. This mark testifies that the Steel Construction Institute (SCI) has independently verified the technical data above.