



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/150 under imposed load.

Load factor (working load to ultimate) 1.5 (in accordance with Eurocode).
Deflection for limit of span L/150

POSITIVE loads parameters **0.7mm**
Bottom flange in compression
 Moment capacity (kNm/m) 1.168
 Inertia (cm⁴/m) 11.011
Bottom flange in tension
 Moment capacity (kNm/m) 1.083
 Inertia (cm⁴/m) 11.038
 Shear resistance (kN/m) 31.465
 Web crushing mid (kN/m) 9.085
 Web crushing end (kN/m) 4.542
 Inertia gross section (cm⁴/m) 11.868

Proclad 1000/32 - 0.7mm Span/Load Table - POSITIVE - Working load UDL (kN/m²)

POSITIVE		Span in Metres												
Span Type	Design Case	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
Single	Moment	5.78	4.77	4.01	3.42	2.95	2.57	2.26	2.00	1.78	1.60	1.44	1.31	1.19
	Inertia	12.17	9.14	7.04	5.54	4.43	3.60	2.97	2.48	2.09	1.77	1.52	1.31	1.14
	Reaction	6.06	5.51	5.05	4.66	4.33	4.04	3.79	3.56	3.36	3.19	3.03	2.88	2.75
	Limiting	5.78	4.77	4.01	3.42	2.95	2.57	2.26	2.00	1.78	1.60	1.44	1.31	1.14
Double	Moment	6.23	5.15	4.33	3.69	3.18	2.77	2.43	2.16	1.92	1.73	1.56	1.41	1.29
	Inertia	20.28	15.23	11.73	9.23	7.39	6.01	4.95	4.13	3.48	2.96	2.53	2.19	1.90
	Reaction	4.85	4.40	4.04	3.73	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.31	2.20
	Interaction	3.41	2.97	2.61	2.32	2.07	1.86	1.69	1.53	1.40	1.29	1.18	1.10	1.02
Limiting	3.41	2.97	2.61	2.32	2.07	1.86	1.69	1.53	1.40	1.29	1.18	1.10	1.02	
Multiple	Moment	7.79	6.44	5.41	4.61	3.97	3.46	3.04	2.69	2.40	2.16	1.95	1.77	1.61
	Inertia	20.28	15.23	11.73	9.23	7.39	6.01	4.95	4.13	3.48	2.96	2.53	2.19	1.90
	Reaction	5.51	5.01	4.59	4.24	3.93	3.67	3.44	3.24	3.06	2.90	2.75	2.62	2.50
	Interaction	4.03	3.52	3.10	2.76	2.47	2.23	2.02	1.84	1.68	1.55	1.43	1.32	1.22
Limiting	4.03	3.52	3.10	2.76	2.47	2.23	2.02	1.84	1.68	1.55	1.43	1.32	1.22	

Load factor (working load to ultimate) 1.5 (in accordance with Eurocode).
Deflection for limit of span L/150

NEGATIVE loads parameters **0.7mm**
Bottom flange in compression
 Moment capacity (kNm/m) 1.083
 Inertia (cm⁴/m) 11.038
Bottom flange in tension
 Moment capacity (kNm/m) 1.168
 Inertia (cm⁴/m) 11.011
 Shear resistance (kN/m) 31.465
 Web crushing mid (kN/m) 9.085
 Web crushing end (kN/m) 4.542
 Inertia gross section (cm⁴/m) 11.868

Proclad 1000/32 - 0.7mm Span/Load Table - NEGATIVE - Working load UDL (kN/m²)

NEGATIVE		Span in Metres												
Span Type	Design Case	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
Single	Moment	6.23	5.15	4.33	3.69	3.18	2.77	2.43	2.16	1.92	1.73	1.56	1.41	1.29
	Inertia	12.15	9.13	7.03	5.53	4.43	3.60	2.97	2.47	2.08	1.77	1.52	1.31	1.14
	Reaction	6.06	5.51	5.05	4.66	4.33	4.04	3.79	3.56	3.36	3.19	3.03	2.88	2.75
	Limiting	6.06	5.15	4.33	3.69	3.18	2.77	2.43	2.16	1.92	1.73	1.52	1.31	1.14
Double	Moment	5.78	4.77	4.01	3.42	2.95	2.57	2.26	2.00	1.78	1.60	1.44	1.31	1.19
	Inertia	20.24	15.21	11.72	9.21	7.38	6.00	4.94	4.12	3.47	2.95	2.53	2.19	1.90
	Reaction	4.85	4.40	4.04	3.73	3.46	3.23	3.03	2.85	2.69	2.55	2.42	2.31	2.20
	Interaction	3.29	2.86	2.52	2.23	1.99	1.79	1.62	1.47	1.34	1.23	1.13	1.04	0.97
Limiting	3.29	2.86	2.52	2.23	1.99	1.79	1.62	1.47	1.34	1.23	1.13	1.04	0.97	
Multiple	Moment	7.22	5.97	5.01	4.27	3.68	3.21	2.82	2.50	2.23	2.00	1.81	1.64	1.49
	Inertia	20.24	15.21	11.72	9.21	7.38	6.00	4.94	4.12	3.47	2.95	2.53	2.19	1.90
	Reaction	5.51	5.01	4.59	4.24	3.93	3.67	3.44	3.24	3.06	2.90	2.75	2.62	2.50
	Interaction	3.90	3.40	2.99	2.66	2.38	2.14	1.94	1.76	1.61	1.48	1.36	1.26	1.17
Limiting	3.90	3.40	2.99	2.66	2.38	2.14	1.94	1.76	1.61	1.48	1.36	1.26	1.17	



'SCI Assessed Quality Mark'. This mark testifies that the [Steel Construction Institute \(SCI\)](http://www.sci.co.uk) has independently verified the technical data above.