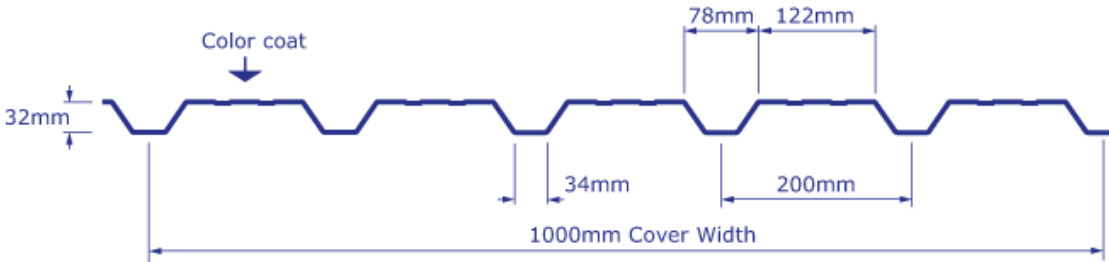




1000 / 32 Wall Reverse Profile (0.7mm)



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)	1.083
Inertia (cm ⁴ /m)	11.038
Bottom flange in tension	
Moment capacity (kNm/m)	1.168
Inertia (cm ⁴ /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 (cm ⁴ /m)	11.868

Proclad 1000 / 32 - 0.7mmSpan / 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	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

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)	1.168
Inertia (cm ⁴ /m)	11.011
Bottom flange in tension	
Moment capacity (kNm/m)	1.083
Inertia (cm ⁴ /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 (cm ⁴ /m)	11.868

Proclad 1000 / 32 - 0.7mmSpan / 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	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



'SCI Assessed Quality Mark'. This mark testifies that the [Steel Construction Institute \(SCI\)](#) has independently verified the technical data above.