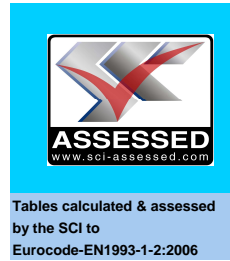


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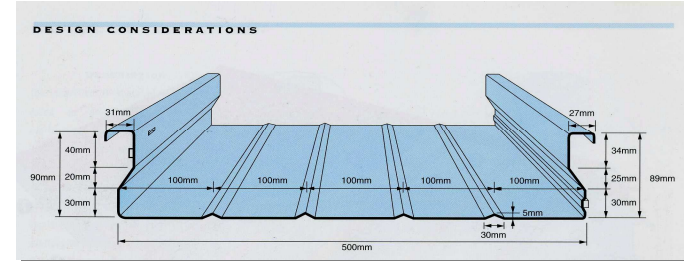
Tactray 90 Structural Liner Tray Load / Span Tables

Thickness mm	Weight Kg/m ²
0.75	8.83
1.00	11.78
1.25	14.72
1.50	17.35

Load factor (working load to ultimate) = 1.5



Tables calculated & assessed
by the SCI to
Eurocode-EN1993-1-2:2006



Tables indicate total load carrying capacity of tray - Tables do not include self weight of tray

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Working Load UDL (kN/m²) - Gravity **Deflection L/300 Consider when Tactray 90 is supporting slates and tiles**

Thickness (mm)	Span Condition	Span (M)																									
		1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60
0.75	Single	2.57	2.28	2.05	1.87	1.71	1.58	1.47	1.37	1.28	1.21	1.14	1.08	0.94	0.81	0.71	0.62	0.55	0.48	0.43	0.39	0.35	0.31	0.28	0.26	0.23	0.21
1.00	Single	4.61	4.09	3.69	3.35	3.07	2.83	2.63	2.46	2.30	2.08	1.76	1.50	1.29	1.12	0.97	0.85	0.75	0.67	0.59	0.53	0.47	0.43	0.39	0.35	0.32	0.29
1.25	Single	7.19	6.39	5.75	5.23	4.79	4.42	4.11	3.83	3.18	2.65	2.24	1.90	1.63	1.41	1.23	1.08	0.95	0.84	0.75	0.67	0.60	0.54	0.49	0.44	0.40	0.36
1.50	Single	10.30	9.16	8.24	7.49	6.87	6.34	5.77	4.69	3.86	3.22	2.71	2.31	1.98	1.71	1.49	1.30	1.14	1.01	0.90	0.80	0.72	0.65	0.59	0.53	0.48	0.44
0.75	Double	2.39	2.02	1.73	1.50	1.31	1.16	1.03	0.93	0.84	0.76	0.69	0.63	0.58	0.54	0.50	0.46	0.43	0.40	0.37	0.35	0.33	0.31	0.29	0.28	0.26	0.25
1.00	Double	4.16	3.51	3.00	2.60	2.28	2.02	1.80	1.61	1.45	1.32	1.20	1.10	1.01	0.93	0.86	0.80	0.74	0.69	0.65	0.61	0.57	0.54	0.51	0.48	0.45	0.43
1.25	Double	6.12	5.15	4.40	3.80	3.33	2.94	2.61	2.34	2.11	1.91	1.74	1.59	1.46	1.34	1.24	1.15	1.07	1.00	0.93	0.87	0.82	0.77	0.73	0.69	0.65	0.61
1.50	Double	8.39	7.04	6.01	5.19	4.53	4.00	3.55	3.18	2.86	2.59	2.35	2.15	1.97	1.82	1.68	1.56	1.45	1.35	1.26	1.18	1.11	1.04	0.98	0.89	0.80	0.73
0.75	Multi	2.83	2.39	2.05	1.79	1.57	1.39	1.24	1.11	1.01	0.91	0.83	0.76	0.70	0.65	0.60	0.56	0.52	0.49	0.45	0.43	0.40	0.38	0.36	0.34	0.32	0.30
1.00	Multi	4.92	4.16	3.57	3.10	2.72	2.41	2.15	1.93	1.75	1.59	1.45	1.33	1.22	1.13	1.04	0.97	0.90	0.84	0.79	0.74	0.70	0.66	0.62	0.58	0.53	0.48
1.25	Multi	7.25	6.12	5.24	4.54	3.98	3.52	3.14	2.81	2.54	2.30	2.10	1.92	1.77	1.63	1.51	1.40	1.30	1.21	1.14	1.06	1.00	0.90	0.81	0.73	0.67	0.61
1.50	Multi	9.95	8.38	7.17	6.21	5.43	4.80	4.27	3.82	3.45	3.13	2.85	2.60	2.39	2.20	2.04	1.89	1.76	1.64	1.50	1.34	1.20	1.08	0.98	0.89	0.80	0.73

Working Load UDL (kN/m²) - Uplift **Deflection L/300 Consider when Tactray 90 is supporting slates and tiles**

Thickness (mm)	Span Condition	Span (M)																									
		1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60
0.75	Single	2.57	2.28	2.05	1.87	1.71	1.58	1.45	1.26	1.11	0.93	0.79	0.67	0.57	0.49	0.43	0.38	0.33	0.29	0.26	0.23	0.21	0.19	0.17	0.15	0.14	0.13
1.00	Single	4.61	4.09	3.69	3.35	3.07	2.83	2.43	1.97	1.62	1.35	1.14	0.97	0.83	0.72	0.63	0.55	0.48	0.43	0.38	0.34	0.30	0.27	0.25	0.22	0.20	0.19
1.25	Single	7.19	6.39	5.75	5.23	4.79	3.95	3.16	2.57	2.12	1.77	1.49	1.27	1.09	0.94	0.82	0.71	0.63	0.56	0.49	0.44	0.40	0.36	0.32	0.29	0.27	0.24
1.50	Single	10.30	9.16	8.24	7.49	6.25	4.92	3.94	3.20	2.64	2.20	1.85	1.58	1.35	1.17	1.01	0.89	0.78	0.69	0.61	0.55	0.49	0.44	0.40	0.36	0.33	0.30
0.75	Double	2.85	2.43	2.10	1.84	1.62	1.45	1.30	1.17	1.06	0.96	0.86	0.78	0.71	0.65	0.59	0.55	0.50	0.47	0.43	0.39	0.35	0.31	0.28	0.26	0.23	0.21
1.00	Double	4.74	4.03	3.48	3.04	2.68	2.38	2.14	1.92	1.74	1.59	1.45	1.33	1.23	1.14	1.04	0.91	0.80	0.71	0.63	0.56	0.51	0.45	0.41	0.37	0.34	0.31
1.25	Double	6.88	5.86	5.05	4.40	3.87	3.44	3.08	2.77	2.51	2.28	2.08	1.91	1.76	1.56	1.36	1.19	1.05	0.93	0.82	0.74	0.66	0.59	0.54	0.49	0.44	0.40
1.50	Double	9.11	7.72	6.64	5.78	5.08	4.51	4.03	3.62	3.27	2.97	2.72	2.49	2.25	1.94	1.69	1.48	1.30	1.15	1.02	0.92	0.82	0.74	0.67	0.60	0.55	0.50
0.75	Multi	3.33	2.85	2.47	2.17	1.92	1.71	1.54	1.39	1.26	1.14	1.03	0.94	0.85	0.78	0.72	0.63	0.55	0.49	0.43	0.39	0.35	0.31	0.28	0.26	0.23	0.21
1.00	Multi	5.56	4.75	4.11	3.60	3.18	2.83	2.54	2.29	2.08	1.90	1.74	1.60	1.39	1.20	1.04	0.91	0.80	0.71	0.63	0.56	0.51	0.45	0.41	0.37	0.34	0.31
1.25	Multi	8.11	6.92	5.98	5.22	4.60	4.10	3.67	3.31	3.00	2.73	2.48	2.11	1.81	1.56	1.36	1.19	1.05	0.93	0.82	0.74	0.66	0.59	0.54	0.49	0.44	0.40
1.50	Multi	10.76	9.15	7.89	6.88	6.06	5.38	4.82	4.34	3.93	3.57	3.09	2.63	2.25	1.94	1.69	1.48	1.30	1.15	1.02	0.92	0.82	0.74	0.67	0.60	0.55	0.50

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