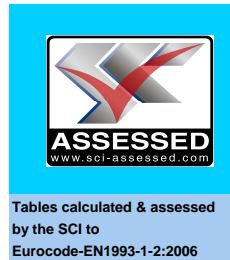


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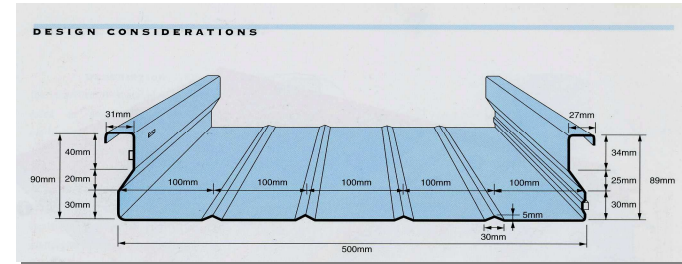
Tactray 90 Structural Liner Tray Load / Span Tables

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 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/200 Consider when Tactray 90 is supporting metal or single ply membrane roofing products**

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	0.99	0.87	0.78	0.70	0.63	0.57	0.52	0.47	0.43	0.40	0.37	0.34	0.31	0.29
1.00	Single	4.61	4.09	3.69	3.35	3.07	2.83	2.63	2.46	2.30	2.17	2.05	1.88	1.70	1.54	1.40	1.28	1.13	1.00	0.89	0.79	0.71	0.64	0.58	0.52	0.48	0.43
1.25	Single	7.19	6.39	5.75	5.23	4.79	4.42	4.11	3.83	3.59	3.22	2.87	2.58	2.32	2.11	1.85	1.62	1.42	1.26	1.12	1.00	0.90	0.81	0.73	0.66	0.60	0.55
1.50	Single	10.3	9.16	8.24	7.49	6.87	6.34	5.86	5.12	4.50	3.99	3.56	3.20	2.89	2.56	2.23	1.95	1.72	1.52	1.35	1.21	1.08	0.97	0.88	0.80	0.72	0.66
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	0.92	0.87	0.83
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	0.55	0.52
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	0.94	0.89	0.84	0.79	0.75
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	1.53	1.44	1.35	1.27	1.20	1.13	1.07	1.01

Working Load UDL (kN/m²) - Uplift **Deflection L/200..... Consider when Tactray 90 is supporting metal or single ply membrane roofing products**

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	0.98	0.88	0.79	0.71	0.65	0.59	0.54	0.49	0.44	0.39	0.35	0.31	0.28	0.25	0.23	0.21	0.19
1.00	Single	4.61	4.09	3.69	3.35	3.07	2.83	2.52	2.19	1.93	1.71	1.52	1.37	1.23	1.08	0.94	0.82	0.72	0.64	0.57	0.51	0.45	0.41	0.37	0.34	0.30	0.28
1.25	Single	7.19	6.39	5.75	5.23	4.79	4.10	3.53	3.08	2.71	2.40	2.14	1.90	1.63	1.41	1.22	1.07	0.94	0.83	0.74	0.66	0.59	0.53	0.48	0.44	0.40	0.36
1.50	Single	10.3	9.16	8.24	7.49	6.39	5.44	4.69	4.09	3.59	3.18	2.78	2.36	2.03	1.75	1.52	1.33	1.17	1.04	0.92	0.82	0.74	0.66	0.60	0.54	0.49	0.45
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	0.40	0.37	0.35	0.33	0.30	0.29	0.27
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	1.06	0.98	0.92	0.85	0.80	0.75	0.70	0.66	0.62	0.56	0.51	0.46
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	1.63	1.51	1.40	1.30	1.21	1.13	1.06	0.99	0.89	0.80	0.73	0.66	0.60
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	2.29	2.12	1.96	1.82	1.70	1.59	1.48	1.37	1.23	1.11	1.00	0.91	0.82	0.75
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	0.66	0.61	0.56	0.52	0.48	0.45	0.42	0.40	0.37	0.35	0.32
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	1.48	1.37	1.27	1.18	1.10	1.03	0.95	0.85	0.76	0.68	0.62	0.56	0.51	0.46
1.25	Multi	8.11	6.92	5.98	5.22	4.60	4.10	3.67	3.31	3.00	2.73	2.50	2.30	2.12	1.96	1.82	1.69	1.57	1.39	1.24	1.10	0.99	0.89	0.80	0.73	0.66	0.60
1.50	Multi	10.76	9.15	7.89	6.88	6.06	5.38	4.82	4.34	3.93	3.57	3.27	3.00	2.76	2.56	2.37	2.20	1.95	1.73	1.54	1.37	1.23	1.11	1.00	0.91	0.82	0.75

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