



Prestressed Concrete Panels Safe Load Tables

Depth (mm)		450 mm L		500 mm L	
Self weight Kgs / l.m		547.50 Kgs / l.m		469.15 Kgs / l.m	
SPAN		Safe Load	Shear	Safe Load	Shear
metres	ft.	kg/m ²	Tons / panel	kg/m ²	Tons / panel
3.00	9.84	7,412.84	9.80	8,153.99	10.79
3.50	11.48	6,288.68	9.67	6,919.42	10.64
4.00	13.12	5,445.56	9.53	5,993.50	10.50
4.50	14.76	4,789.81	9.39	5,273.34	10.35
5.00	16.40	4,265.20	9.25	4,697.21	10.20
5.50	18.05	3,835.98	9.12	4,225.83	10.06
6.00	19.69	3,478.29	8.98	3,833.02	9.91
6.50	21.33	3,015.30	8.84	3,374.78	9.76
7.00	22.97	2,537.07	8.71	2,842.67	9.62
7.50	24.61	2,151.27	8.57	2,413.39	9.47
8.00	26.25	1,835.51	8.43	2,062.06	9.32
8.50	27.89	1,573.82	8.30	1,770.88	9.18
9.00	29.53	1,354.52	8.16	1,526.87	9.03
9.50	31.17	1,168.93	8.02	1,320.36	8.89
10.00	32.81	1,010.48	7.89	1,144.05	8.74
10.50	34.45	874.11	7.75	992.32	8.59
11.00	36.09	755.92	7.61	860.81	8.45
11.50	37.73	652.81	7.48	746.08	8.30
12.00	39.37	562.31	7.34	645.38	8.15
12.50	41.01	482.45	7.20	556.53	8.01
13.00	42.65	411.63	7.06	477.73	7.86
13.50	44.29	348.54	6.93	407.52	7.71
14.00	45.93	292.08	6.79	344.70	7.57
14.50	47.57	241.36	6.65	288.27	7.42
15.00	49.22			237.38	7.28

The above tables are for guidance only. For further information contact us at:

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