

Layer-thickness	Total load	Maximum permitted crown bar spacing with cross beam spacing (m)				Maximum permitted supported width (m) with crown bar affected width							
						Resulting individual prop load (kN) with maximum spacing							
In cm	In kN/qm	0.42	0.50	0.625	0.667	1.50	1.75	2.00	2.25	2.50	2.75	3.00	
12	4.92	3.64	3.43	3.19	3.12	2.33 17.20	2.16 18.60	2.02 19.90	1.90 21.10	1.79 22.00	1.63 22.00	1.49 22.00	
14	5.44	3.47	3.27	3.04	2.97	2.21 18.10	2.05 19.50	1.92 20.90	1.80 22.00	1.62 22.00	1.47 22.00	1.35 22.00	
16	5.96	3.33	3.14	2.92	2.85	2.12 19.00	1.96 20.40	1.83 21.80	1.64 22.00	1.48 22.00	1.34 22.00	1.23 22.00	
18	6.48	3.21	3.03	2.81	2.75	2.03 19.70	1.88 21.30	1.70 22.00	1.51 22.00	1.36 22.00	1.23 22.00	1.13 22.00	
20	7.00	3.10	2.93	2.72	2.66	1.95 20.50	1.80 22.00	1.57 22.00	1.40 22.00	1.26 22.00	1.14 22.00	1.05 22.00	
22	7.52	3.01	2.84	2.64	2.58	1.88 21.20	1.67 22.00	1.46 22.00	1.30 22.00	1.79 22.00	1.63 22.00	1.49 22.00	
24	8.04	2.93	2.76	2.57	2.51	1.82 22.00	1.56 22.00	1.37 22.00	1.21 22.00	1.09 22.00	0.99 22.00	0.91 22.00	
26	8.56	2.86	2.70	2.50	2.45	1.71 22.00	1.47 22.00	1.29 22.00	1.14 22.00	1.03 22.00	0.93 22.00	0.86 22.00	
28	9.08	2.79	2.63	2.44	2.39	1.62 22.00	1.38 22.00	1.21 22.00	1.08 22.00	0.97 22.00	0.88 22.00	0.81 22.00	
30	9.66	2.73	2.57	2.39	2.34	1.52 22.00	1.30 22.00	1.14 22.00	1.01 22.00	0.91 22.00	0.83 22.00	0.76 22.00	
35	11.22	2.60	2.45	2.27	2.23	1.31 22.00	1.12 22.00	0.98 22.00	0.87 22.00	0.78 22.00	0.71 22.00	0.65 22.00	
40	12.78	2.49	2.35	2.18	2.13	1.15 22.00	0.98 22.00	0.86 22.00	0.76 22.00	0.69 22.00	0.62 22.00	0.57 22.00	
45	14.34	2.39	2.26	2.10	2.04	1.02 22.00	0.88 22.00	0.77 22.00	0.68 22.00	0.61 22.00	0.56 22.00	0.51 22.00	
50	15.09	2.31	2.18	2.01	1.94	0.92 22.00	0.79 22.00	0.69 22.00	0.61 22.00	0.55 22.00	0.50 22.00	0.46 22.00	

We assume no liability for the data in the table or for printing errors.