

Max Clear Span for Pedestrian Loadings (mm)	Def (mm)	L.B.B. Size	'W' Load Bars at 41mm Centres														Self Colour Weights Per Square Metre (kgs)	Binding Bar Weight (Based on 2m x 1m) (kgs)
			Clear Span (mm)															
				300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100		
a.890	4.36	20 x 3	kN/m2	79.0	35.0	18.2	9.30										13.41	0.86
b.890	4.36		D (mm)	0.81	1.82	3.00	3.75											
c.800	3.90																	
a.1240	6.11	25 x 3	kN/m2	124	55.0	31.0	18.2	10.5	6.60	4.40							16.16	1.08
b.1150	5.69		D (mm)	0.65	1.47	2.61	3.75	4.50	5.25	6.00								
c.1000	4.88																	
a.1560	7.08	30 x 3	kN/m2	179	79.0	44.0	28.5	18.2	11.5	7.65	5.38	3.93					18.91	1.30
b.1385	6.92		D (mm)	0.55	1.22	2.15	3.35	4.50	5.25	6.00	6.75	7.50						
c.1200	5.85																	
a.1910	9.46	35 x 3	kN/m2	244	108	61	38.9	27.0	18.2	12.2	8.56	6.25	4.69				21.41	1.50
b.1615	8.06		D (mm)	0.47	1.05	1.87	2.92	4.19	5.25	6.00	6.75	7.50	8.25					
c.1410	7.03																	
a.2140	10.0	40 x 3	kN/m2	319	141	79.7	50.9	35.2	25.8	18.2	12.8	9.32	7.0	5.39	4.24		24.16	1.94
b.1845	9.20		D (mm)	0.41	0.92	1.64	2.56	3.67	5.00	6.00	6.75	7.50	8.25	9.00	9.75			
c.1610	8.00																	

a.1150	5.70	20 x 5	kN/m2	133	59.0	30.3	15.5	8.90	5.60								21.41	1.50
b.1090	5.38		D (mm)	0.82	1.84	3.00	3.75	4.50	5.25									
c.950	4.66																	
a.1540	7.06	25 x 5	kN/m2	206	92.0	51.0	30.0	17.5	11.05	7.40	5.20	3.79					25.91	1.86
b.1360	6.68		D (mm)	0.04	0.16	0.40	0.79	4.50	5.25	6.00	6.75	7.50						
c.1190	5.87																	
a.1940	9.60	30 x 5	kN/m2	299	132	74.5	47.5	30.3	19.1	12.8	8.98	6.56	4.92	3.79			30.66	2.24
b.1640	8.17		D (mm)	0.55	1.22	2.18	3.39	4.50	5.25	6.00	6.75	7.50	8.25	9.00				
c.1430	7.08																	
a.2200	10.0	35 x 5	kN/m2	407	181	101	64.9	44.9	30.3	20.3	14.3	10.4	7.82	6.02	4.74		35.41	2.60
b.1915	9.56		D (mm)	0.47	1.06	1.86	2.92	4.19	5.24	6.00	6.75	7.50	8.25	9.00	9.75			
c.1670	8.30																	
a.2310	10.0	40 x 5	kN/m2	532	236	132	84.0	58.0	43.0	30.3	21.3	15.5	11.7	8.99	7.07	5.39	39.91	2.98
b.2140	10.0		D (mm)	0.41	0.92	1.63	2.53	3.63	5.00	6.00	6.75	7.50	8.25	9.00	9.75	10.0		
c.1910	9.51																	
a.2550	10.0	45 x 5	kN/m2	670	299	168	107	74.5	54.6	41.7	30.3	22.1	16.7	12.8	10.1	7.68	44.66	3.36
b.2335	10.0		D (mm)	0.36	0.82	1.46	2.27	3.27	4.44	5.79	6.75	7.50	8.25	9.00	9.75	10.0		
c.2110	10.0																	
a.2790	10.0	50 x 5	kN/m2	830	409	207	132	92.0	67.5	51.5	40.6	30.3	22.8	17.6	13.8	10.5	49.16	3.72
b.2530	10.0		D (mm)	0.33	0.61	1.31	2.04	2.94	4.00	5.21	6.58	7.50	8.25	9.00	9.75	10.0		
c.2280	10.0																	
a.3260	10.0	60 x 5	kN/m2	1199	530	299	191	132	97.3	74.3	58.6	47.3	39.0	30.4	23.9	18.2	58.66	4.48
b.2900	10.0		D (mm)	0.27	0.61	1.09	1.71	2.44	3.34	4.35	5.49	6.76	8.17	9.00	9.75	10.0		
c.2620	10.0																	

Max Clear Span for Pedestrian Loadings (mm)	Def (mm)	L.B.B. Size	'W' Load Bars at 30mm Centres														Self Colour Weights Per Square Metre (kgs)	Binding Bar Weight (Based on 2m x 1m) (kgs)
			Clear Span (mm)															
				300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100		
a.1050	3.41	20 x 3	kN/m2	108	48.0	24.7	12.6	7.3									17.58	0.86
b.1020	5.06		D (mm)	0.81	1.82	3.00	3.75	4.47										
c.890	4.40																	
a.1450	6.34	25 x 3	kN/m2	169	75.0	42.0	24.7	14.3	9.01	6.05	4.24						21.02	1.08
b.1275	6.32		D (mm)	0.65	1.47	2.60	3.74	4.49	5.25	6.00	6.75							
c.1100	5.45																	
a.1815	9.01	30 x 3	kN/m2	243	108	60.7	38.5	24.7	15.6	10.5	7.34	5.35	4.02				24.76	1.30
b.1535	7.68		D (mm)	0.54	1.23	2.18	3.37	4.50	5.25	6.00	6.75	7.50	8.25					
c.1340	6.69																	
a.1980	9.90	35 x 3	kN/m2	332	147	82.9	53.0	36.7	24.8	16.6	11.7	8.50	6.38	4.91	3.86		28.16	1.50
b.1790	8.95		D (mm)	0.47	1.05	1.87	2.92	4.19	5.25	6.00	6.75	7.50	8.25					
c.1560	7.74																	
a.2190	10.0	40 x 3	kN/m2	434	193	108	69.0	48.0	35.0	24.8	17.4	12.7	9.53	7.34	5.77	4.40	31.90	1.72
b.2030	9.91		D (mm)	0.41	0.92	1.63	2.55	3.68	4.97	6.00	6.75	7.50	8.25	9.00	9.75	10.0		
c.1780	8.79																	

a.1150	5.70	20 x 5	kN/m2	181	80.0	41.3	21.1	12.2	7.70	5.10							28.16	1.50
b.1090	5.38		D (mm)	0.82	1.84	3.00	3.75	4.49	5.25	6.00								
c.950	4.66																	
a.1540	7.06	25 x 5	kN/m2	282	125	70.0	41.2	23.9	15.1	10.1	7.08	5.16	3.88				34.32	1.86
b.1360	6.68		D (mm)	0.66	1.47	2.60	3.74	4.50	5.25	6.00	6.75	7.50	8.25					
c.1190	5.87																	
a.1940	9.60	30 x 5	kN/m2	405	180	101	64.5	41.3	26.0	17.4	12.2	8.92	6.70	5.16	4.60		40.74	2.24
b.1640	8.17		D (mm)	0.54	1.23	2.17	3.39	4.50	5.25	6.00	6.75	7.50	8.25	9.00	9.75			
c.1430	7.08																	
a.2200	10.0	35 x 5	kN/m2	554	246	138	88.3	61.2	41.3	27.7	19.4	14.2	10.6	8.19	6.44	4.91	46.86	2.60
b.1915	9.56		D (mm)	0.47	1.05	1.87	2.92	4.20	5.25	6.00	6.75	7.50	8.25	9.00	9.75	10.0		
c.1670	8.30																	
a.2310	10.0	40 x 5	kN/m2	722	311	180	115	80.0	58.6	41.3	29.0	21.1	15.9	12.2	9.62	7.33	53.32	2.98
b.2140	10.0		D (mm)	0.41	0.89	1.63	2.55	3.68	4.99	6.00	6.75	7.50	8.25	9.00	9.75	10.0		
c.1910	9.51																	
a.2550	10.0	45 x 5	kN/m2	9.17	405	228	146	101	74.0	55.0	41.3	30.1	22.6	17.4	13.7	10.5	59.78	3.36
b.2335	10.0		D (mm)	0.37	0.82	1.45	2.27	3.26	4.43	5.61	6.75	7.50	8.25	9.00	9.75	10.0		
c.2110	10.0																	
a.2790	10.0	50 x 5	kN/m2	1130	503	282	180	125	91.0	70.0	55.2	41.2	31.0	23.9	18.8	14.3	65.90	3.72
b.2530	10.0		D (mm)	0.33	0.74	1.31	2.04	2.94	3.97	5.21	6.58	7.50	8.25	9.00	9.75	10.0		
c.2280	10.0																	
a.3260	10.0	60 x 5	kN/m2	1630	718	407	260	180	132	101	79.5	64.4	53.1	41.3	32.5	24.8	78.82	4.48
b.2900	10.0		D (mm)	0.27	0.61	1.09	1.71	2.46	3.34	4.35	5.48	6.77	8.17	9.00	9.75	10.0		
c.2620	10.0																	