

max clear span for pedestrian loadings (mm)	def (mm)	L.B.B. size (mm)	LSP load bars at 38mm centres														Self Colour Weights per square metre (kgs)	Binding Bar Weight (based on 2 x 1m) (kgs)	
			clear span (mm)																
			300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100				
a. 1236	6.18	20 x 3	kN/m ²	115.2	51.2	26.24	13.43	7.78	4.90	3.28								25.2	0.86
b. 1043	5.21		D (mm)	0.82	1.85	3.00	3.75	4.50	5.25	6.00									
c. 911	4.55																		
a. 1472	7.36	25 x 3	kN/m ²	155.6	69.16	38.9	22.68	13.13	8.23	5.54	3.89							28.3	1.08
b. 1242	6.21		D (mm)	0.66	1.48	2.63	3.75	4.50	5.25	6.00	6.75								
c. 1085	5.42																		
a. 1779	8.89	30 x 3	kN/m ²	228.9	101.7	57.22	36.62	23.17	14.59	9.78	6.87	5.01	3.76					34.6	1.30
b. 1500	7.50		D (mm)	0.55	1.24	2.20	3.43	4.50	5.25	6.00	6.75	7.50	8.25						
c. 1311	6.55																		
a. 2065	10.00	35 x 3	kN/m ²	316.51	140.67	79.13	50.64	35.17	23.54	15.77	11.08	8.07	6.07	4.67	3.68	2.80		40.9	1.65
b. 1760	8.80		D (mm)	0.47	1.06	1.88	2.94	4.23	5.25	6.00	6.75	7.50	8.25	9.00	9.75	10.00			
c. 1537	7.69																		
a. 2289	10.00	40 x 3	kN/m ²	418.6	186.0	104.6	66.97	46.51	34.17	23.8	16.7	12.2	9.17	7.06	5.56	4.24		47.2	1.88
b. 2015	10.00		D (mm)	0.41	0.93	1.65	2.58	3.70	5.04	6.00	6.75	7.50	8.25	9.00	9.75	10.00			
c. 1764	8.82																		

max clear span for pedestrian loadings (mm)	def (mm)	L.B.B. size (mm)	HSP load bars at 40mm centres														Self Colour Weights per square metre (kgs)	Binding Bar Weight (based on 2 x 1m) (kgs)	
			clear span (mm)																
			300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100				
a. 1391	6.95	20 x 5	kN/m ²	164.1	72.9	37.4	19.1	11.1	6.97	4.67	3.28							32.1	1.50
b. 1173	5.87		D (mm)	0.82	1.85	3.00	3.75	4.50	5.25	6.00	6.75								
c. 1025	5.12																		
a. 1684	8.42	25 x 5	kN/m ²	232.9	103.5	58.2	33.9	19.7	12.4	8.29	5.82	4.24	3.19					37.0	1.86
b. 1420	7.10		D (mm)	0.66	1.48	2.63	3.75	4.50	5.25	6.00	6.75	7.50	8.25						
c. 1241	6.20																		
a. 2022	10.00	30 x 5	kN/m ²	340.0	151.1	85.0	54.4	34.4	21.7	14.5	10.2	7.44	5.59	4.30	3.38			45.0	2.24
b. 1712	8.56		D (mm)	0.55	1.24	2.20	3.43	4.50	5.25	6.00	6.75	7.50	8.25	9.00	9.75				
c. 1496	7.48																		
a. 2276	10.00	35 x 5	kN/m ²	467.58	207.81	116.89	74.81	51.96	34.78	23.30	16.36	11.93	8.96	6.90	5.43	4.14		53.0	2.75
b. 2003	10.00		D (mm)	0.47	1.06	1.88	2.94	4.23	5.25	6.00	6.75	7.50	8.25	9.00	9.75	10.00			
c. 1751	8.75																		
a. 2521	10.00	40 x 5	kN/m ²	615.7	273.6	153.9	98.5	68.4	50.3	35.1	24.6	17.9	13.5	10.4	8.17	6.23		61.0	2.98
b. 2219	10.00		D (mm)	0.41	0.93	1.65	2.57	3.70	5.04	6.00	6.75	7.50	8.25	9.00	9.75	10.00			
c. 2005	10.00																		
a. 2989	10.00	50 x 5	kN/m ²	973.3	432.6	243.3	155.7	108.1	79.4	60.8	48.1	35.5	26.6	20.5	16.1	12.3		77.0	3.72
b. 2631	10.00		D (mm)	0.33	0.74	1.32	2.06	2.96	4.03	5.27	6.67	7.50	8.25	9.00	9.75	10.00			
c. 2377	10.00																		

Safe uniformly distributed loads (U.D.L.) in kilonewtons per square metre on simply supported panels with deflections (δ) in mm. Based on a working stress of 180 N/mm². Loads shown in the white area have been reduced to keep the deflections within 1/200th of the clear span or 10mm whichever is the lesser.

- a** – Light Duty 3 kN/m² described as access limited to one person only
- b** – General Duty 5 kN/m² described as regular two way pedestrian traffic
- c** – Heavy Duty 7.5 kN/m² described as high density pedestrian traffic

Load Table Designs allow for a 1kN load over a 300mm x 300mm area in accordance with BS 4592-0:2006