

max clear span for pedestrian loadings (mm)	def (mm)	L.B.B. size (mm)	'E' load bars at 33mm 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.1000	3.07	20 x 3	kN/m ²	99.0	43.6	22.5	11.6	6.69										16.82	0.86
b.990	4.92		D (mm)	0.81	1.82	3.00	3.75	4.50											
c.865	4.30																		
a.1390	5.87	25 x 3	kN/m ²	154	68.5	38.5	22.6	13.1	8.23	5.51	3.87							21.08	1.08
b.1235	6.10		D (mm)	0.65	1.47	2.62	3.75	4.50	5.25	6.00	6.75								
c.1080	5.35																		
a.1700	8.30	30 x 3	kN/m ²	222	98.7	35.5	35.3	22.6	14.2	9.53	6.69	4.88	3.66					24.14	1.30
b.1485	7.38		D (mm)	0.55	1.23	3.40	3.39	4.50	5.25	6.00	6.75	7.50	8.25						
c.1295	6.40																		
a.1980	8.81	35 x 3	kN/m ²	303	134	75.5	48.3	33.5	22.6	15.1	10.6	7.75	5.82	4.48				28.35	1.50
b.1730	8.56		D (mm)	0.47	1.05	1.87	2.92	4.20	5.25	6.00	6.75	7.50	8.25	9.00					
c.1515	7.55																		
a.2140	10.0	40 x 3	kN/m ²	396	176	98.5	63.0	43.5	32.0	22.6	15.9	11.6	8.70	6.69	5.26	4.01		31.32	1.72
b.1980	9.84		D (mm)	0.41	0.92	1.63	2.55	3.65	4.98	6.00	6.75	7.50	8.25	9.00	9.75	10.00			
c.1730	8.60																		

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			clear span (mm)																
			300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100				
a.1285	5.03	20 x 5	kN/m ²	165	73.1	37.6	19.3	11.1	7.02	4.70								26.46	1.50
b.1175	5.86		D (mm)	0.82	1.84	3.00	3.75	4.50	5.25	6.00									
c.1025	5.09																		
a.1690	8.40	25 x 5	kN/m ²	257	114	64.2	37.7	21.6	13.7	9.19	6.45	4.70						33.20	1.86
b.1470	7.35		D (mm)	0.66	1.47	2.62	3.75	4.50	5.25	6.00	6.75	7.50							
c.1280	6.34																		
a.1950	9.75	30 x 5	kN/m ²	220	98.0	55.0	59.1	37.5	23.7	15.9	11.2	8.13	6.11	4.70				39.30	2.24
b.1760	8.74		D (mm)	0.54	1.22	2.16	3.41	4.50	5.25	6.00	6.75	7.50	8.25	9.00					
c.1540	7.68																		
a.2210	10.0	35 x 5	kN/m ²	505	224	126	80.5	55.8	37.7	25.2	17.7	12.9	9.70	7.47	5.87	4.48		45.39	2.60
b.2040	9.93		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.1790	8.83																		
a.2460	10.0	40 x 5	kN/m ²	660	293	164	105	72.6	53.4	37.6	26.4	19.3	14.5	11.2	8.77	6.69		51.50	2.98
b.2255	10.0		D (mm)	0.41	0.92	1.63	2.55	3.66	4.99	6.00	6.75	7.50	8.25	9.00	9.75	10.0			
c.2040	9.98																		
a.2720	10.0	45 x 5	kN/m ²	835	370	208	133	92.0	67.6	51.5	37.7	27.5	20.6	15.9	12.5	9.52		56.87	3.36
b.2465	10.0		D (mm)	0.36	0.82	1.45	2.27	3.26	4.43	5.76	6.75	7.50	8.25	9.00	9.75	10.0			
c.2225	10.0																		
a.2960	10.0	50 x 5	kN/m ²	1030	457	257	164	114	83.5	63.8	50.2	37.7	28.3	21.8	17.1	13.1		63.42	3.72
b.2670	10.0		D (mm)	0.33	0.74	1.31	2.04	2.94	3.99	5.20	6.56	7.50	8.25	9.00	9.75	10.0			
c.2410	10.0																		
a.3500	10.0	60 x 5	kN/m ²	1480	660	370	236	164	121	92.0	72.6	58.7	48.3	37.7	29.6	22.6		75.84	4.48
b.3060	10.0		D (mm)	0.27	0.62	1.09	1.70	2.45	3.33	4.34	5.49	6.77	8.15	9.00	9.75	10.0			
c.2760	10.0																		

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
Weights shown are for transverse bars at 100mm centres. For 50mm centres add 2.4kg per M²