



LOAD TABLE FOR W/100 PLAIN (3mm BARS 41mm CTRS)						
Bearing bar dimensions (mm)	Loading category	POINT LOAD AT CENTRE OF PNL 4mm MAX DEF		POINT LOAD AT CENTRE OF PNL - L/200 MAX DEF		
		Max clear span for pedestrian loading categories	Deflection (mm)	Max clear span for pedestrian loading categories	Deflection (mm)	
20 x 3	5kN/m ²	570	2.62	570	2.62	kN/m ²
	7.5kN/m ²	570	2.62	570	2.62	D(mm)
25 x 3	5kN/m ²	845	3.95	885	4.41	kN/m ²
	7.5kN/m ²	845	3.95	885	4.41	D(mm)
30 x 3	5kN/m ²	1025	3.98	1180	5.52	kN/m ²
	7.5kN/m ²	1025	3.98	1125	5.58	D(mm)
35 x 3	5kN/m ²	1205	3.98	1450	6.54	kN/m ²
	7.5kN/m ²	1160	3.98	1315	6.54	D(mm)
40 x 3	5kN/m ²	1390	3.99	1715	8.52	kN/m ²
	7.5kN/m ²	1285	3.99	1505	7.47	D(mm)

LOAD TABLE FOR W/100 PLAIN (5mm BARS 41mm CTRS)						
Bearing bar dimensions (mm)	Loading category	POINT LOAD AT CENTRE OF PNL 4mm MAX DEF		POINT LOAD AT CENTRE OF PNL - L/200 MAX DEF		
		Max clear span for pedestrian loading categories	Deflection (mm)	Max clear span for pedestrian loading categories	Deflection (mm)	
20 x 5	5kN/m ²	885	3.99	955	4.76	kN/m ²
	7.5kN/m ²	870	3.98	895	4.46	D(mm)
25 x 5	5kN/m ²	1115	3.97	1275	6.31	kN/m ²
	7.5kN/m ²	1030	3.97	1120	5.54	D(mm)
30 x 5	5kN/m ²	1305	4.00	1535	7.65	kN/m ²
	7.5kN/m ²	1185	4.00	1350	6.74	D(mm)
35 x 5	5kN/m ²	1465	4.00	1790	8.92	kN/m ²
	7.5kN/m ²	1330	3.99	1575	7.85	D(mm)
40 x 5	5kN/m ²	1615	3.98	2030	9.93	kN/m ²
	7.5kN/m ²	1470	4.00	1800	8.98	D(mm)
45 x 5	5kN/m ²	1765	3.97	2220	9.93	kN/m ²
	7.5kN/m ²	1605	3.97	2020	9.96	D(mm)
50 x 5	5kN/m ²	1905	3.98	2395	9.95	kN/m ²
	7.5kN/m ²	1735	3.99	2180	9.94	D(mm)
60 x 5	5kN/m ²	2180	4.00	2740	9.98	kN/m ²
	7.5kN/m ²	1985	3.98	2495	9.93	D(mm)



PANEL JOINING CLIPS ARE REQUIRED IF L/200 OR 10MM DEFLECTION IS USED

Notes:-

1. Deflection in the table above is limited to span/200 or 10mm, whichever is the lesser.
2. It should be noted that the difference in level between a loaded and a neighbouring unloaded flooring shall not exceed 4mm. LK panel joint clips can be used to negate this issue.
3. The above table is based upon the loadings as outlined in BS4592-0:2006+A1:2012 & BS5950-1:2000 Table 2 Which is 5kN/m² or 7.5kN/m² OR a 1.5kn point load over a 200mmx200mm contact area, whichever is the more onerous.
4. The below tables take into consideration MINIMUM bearing bar rolling tolerances as defined by LKFS-STD-98.
5. The patch load is placed on the centre of the panel for calculation purposes.
6. Material is BS EN 10025 Grade S275JR.