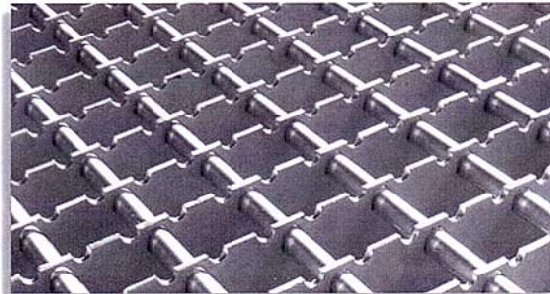


WALKWAY GRATING
Stainless Steel & Fibreglass



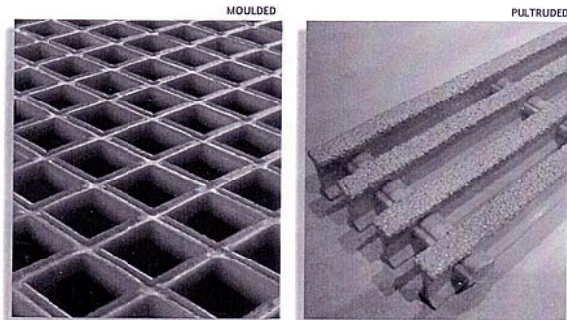
STAINLESS STEEL GRATING
LOAD/SPAN TABLES

CODE	BEARER BAR DETAILS			BEARER BAR SPAN mm																Approx Mass/m ²	
	THICK	DEPTH	PITCH	300		500		750		1000		1250		1500		1750		2000			
	mm	mm	mm	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	kg	kg/m ²	
25/3/43	3	25	43	6878	1198	2021	599	951	264												21
27/3/43	3	27	43	9358	1630	3235	815	1294	360	509	195	372	115								22
30/3/43	3	30	43	12378	2155	4474	1075	1970	545	774	300	566	174	264	111						24
40/3/43	3	40	43	25480	4440	9172	2220	3892	1365	1386	895	1339	519	968	335	489	245	326	175	30	30
50/3/43	3	50	43	41313	7540	15574	3770	6485	2320	3784	1675	2223	1159	1393	748	877	546	723	392	35	35
60/3/43	3	60	43	59212	11455	21316	5725	9473	3525	5319	2545	3410	1830	2409	1401	1897	1027	1355	732	41	41
80/3/43	3	80	43	112332	21735	40439	10865	17973	6685	10109	4830	6470	3477	4493	2670	3301	2261	2214	1828	52	52
90/3/43	3	90	43	145216	28095	52277	14045	23234	8645	13069	6240	8364	4494	5808	3448	4267	2928	3254	2364	58	58
100/3/43	3	100	43	182315	35275	65633	17535	29170	10850	16408	7835	10501	5644	7292	4330	5357	3676	4102	2968	63	63
25/4.5/45	4.5	25	45	9859	1797	3406	896	1245	396	498	213	352	128								27
27/4.5/45	4.5	27	45	13144	2445	4635	1220	1695	540	678	290	480	174								29
30/4.5/45	4.5	30	45	17241	3235	6985	1615	2580	820	1012	450	710	257	352	172						31
40/4.5/45	4.5	40	45	36521	6660	13147	3330	5579	2050	3048	1340	2040	782	1041	507	655	352	439	264	39	39
50/4.5/45	4.5	50	45	59216	11310	21317	5655	9295	3480	5429	2510	3187	1738	2305	1115	1403	783	842	584	48	48
60/4.5/45	4.5	60	45	84870	17185	30553	8590	13579	5280	7618	3810	4888	2741	4317	1247	2174	1471	1578	1096	56	56
80/4.5/45	4.5	80	45	161009	32600	57963	16300	25761	10030	14490	7240	9274	5216	6440	4003	4731	3239	3176	2744	72	72
90/4.5/45	4.5	90	45	208142	42145	74931	21070	33302	12860	18732	9360	11989	6743	8325	5177	6116	4186	4664	3548	80	80
100/4.5/45	4.5	100	45	261319	52915	904074	26450	41811	16280	23518	11750	15051	8464	10452	6497	7679	5256	5879	4456	88	88

IMPORTANT NOTES

1. The kg/m² loadings are the maximum allowable uniformly distributed loadings for that span
2. The kg loadings are the maximum unfactored centre-line load per metre
3. The Load/Span tables are based on a maximum tensile stress of 165 MPa and elastic deflections of not more than span/200 or 10mm, whichever is the lesser when subjected to the appropriate unfactored load
4. All the above to be taken as nominal and should not be used as guaranteed values

FIBREGLASS GRATING - MOULDED & PULTRUDED
LOAD/SPAN TABLES



MOULDED

CODE	DEPTH	PITCH	SPAN mm																APPROX Mass/m ²		
			300		400		500		600		750		900		1000		1250				
			U	C	U	C	U	C	U	C	U	C	U	C	U	C	U	C			
M25	25	38 x 38	3364	611	1325	356	715	244	448	163											12.3
M30	30	38 x 38	5813	1055	2289	615	1235	421	774	281	395	202									14.6
M38	38	38 x 38	7840	1467	3260	825	2202	682	1274	479	713	326	458	241	336	225					19.0
M50	50	50 x 50	14271	2790	6610	1569	3862	1207	2747	1070	1529	713	917	509	713	408	408	306			21.5

PULTRUDED

CODE	BEARER BAR		BEARER BAR SPAN mm																APPROX Mass/m ²				
	DEPTH	PITCH	300		400		500		600		750		900		1000		1200			1500		1750	
	mm	mm	U	C	U	C	U	C	U	C	U	C	U	C	U	C	U	C	U	C	U	C	
P5538	25	38	17125	3160	7240	1835	4077	1815	2447	918	1264	581	754	428	550	347	316	245					11
P3838	38	38	43425	8155	18247	4587	16805	3364	6320	2345	3466	1519	2140	1193	1529	948	948	704	489	449	326	300	16

Suggested Range

IMPORTANT NOTES

1. U, kg/m², maximum allowable unfactored uniformly distributed loading for that stated span
2. C, kg/m, maximum allowable unfactored centre line load per metre
3. Load/Span Tables based on elastic deflections of span/200 or 10mm, whichever the lesser when subjected to the specified unfactored load
4. All table loadings to be taken as nominal and should not be used as guaranteed values
5. Appropriate safety factors must be applied by the designer