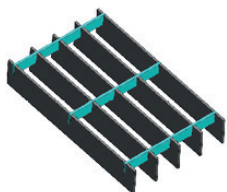


PRESSED GRATING MAIN MESH

MESH 44



the Load Bearing classes refers to the CLEAN LIGHT between placements, i.e. the distance between one support and the other.

B.B.	Mesh 44 x 11		Mesh 44 x 33		Mesh 44 x 66		Class 1	Class 2	Class 3	Class 4
mm	Raw kg/mq	Galvan. kg/mq	Raw kg/mq	Galvan. kg/mq	Raw kg/mq	Galvan. kg/mq	Clean light mm	Clean light mm	Clean light mm	Clean light mm
25 x 2	23,31	24,71	13,89	14,73	11,54	12,23	926	179	138	103
25 x 3	27,83	29,50	18,41	19,51	16,05	17,02	1045	221	169	126
30 x 2	25,12	26,63	15,70	16,64	13,35	14,15	1082	216	165	124
30 x 3	30,54	32,37	21,12	22,38	18,76	19,89	1198	274	202	152
30 x 4	35,95	37,75	26,53	27,86	24,18	25,39	1287	332	237	175
40 x 2	28,73	30,45	19,31	20,47	16,96	17,97	1343	306	222	165
40 x 3	35,95	38,11	26,53	28,12	24,18	25,63	1486	410	283	202
40 x 4	43,18	45,33	33,76	35,44	31,40	32,97	1597	513	332	234
40 x 5	50,40	52,92	40,98	43,03	38,62	40,55	1689	617	371	262
50 x 2	32,34	34,28	22,92	24,30	20,57	21,80	1588	423	290	206
50 x 3	41,37	43,85	31,95	33,87	29,59	31,37	1757	584	359	253
50 x 4	50,40	52,92	40,98	43,03	38,62	40,55	1888	746	415	296
50 x 5	59,42	62,40	50,00	52,50	47,65	50,03	1997	908	469	339
60 x 3	46,79	49,59	37,37	39,61	35,01	37,11	2015	798	432	310
60 x 4	57,62	60,50	48,20	50,61	45,84	48,14	2165	1031	510	371
70 x 3	52,20	55,33	42,78	45,35	40,43	42,85	2262	1050	516	376
70 x 4	64,84	68,08	55,42	58,19	53,07	55,72	2430	1367	622	441
70 x 5	77,48	81,35	68,06	71,46	65,70	68,99	2570	1676	728	493
80 x 3	75,48	80,01	54,28	57,54	48,98	51,92	2500	1341	613	437
80 x 4	89,92	94,42	68,73	72,16	63,43	66,60	2687	1755	751	504
80 x 5	104,37	109,58	83,17	87,33	77,87	81,77	2841	1915	889	564
90 x 3	80,89	85,75	59,70	63,28	54,40	5,66	2731	1671	723	491
90 x 4	97,14	102,00	75,95	79,75	70,65	74,18	2935	1999	898	567
90 x 5	113,39	119,06	92,20	96,81	86,90	91,24	3103	2153	1072	635
100 x 3	86,31	91,49	65,12	69,02	59,82	63,41	2956	2018	846	546
100 x 4	104,37	109,58	83,17	87,33	77,87	81,77	3176	2221	1062	631
100 x 5	122,42	128,54	101,23	106,29	95,93	100,72	3358	2392	1277	714
110 x 4	111,59	117,17	90,39	94,91	85,09	89,35	3411	2443	1243	701
110 x 5	131,45	138,02	110,25	115,77	104,95	110,20	3607	2631	1503	801



Class 1 – Compact crowd pedestrian load
D.M. 14/01/2008 - 3.1.4
Chart 3.1.II - Category E.
Dynamic load 600 daN/m²
Material: Steel S235JR
Sigma yield strength = 23,5 daN/mm²
Sigma comparison = 22,38 daN/mm²
Max.deflection = 5mm
Max.deflection = 1/200 di Ln



Class 2 – vehicle
D.M. 14/01/2008 - 3.1.4
Chart 3.1.II - Category F
Dynamic load 1000 daN on imprint
200x200 mm total ground mass
up to 3000 kg
Material: Steel S235JR
Sigma yield strength = 23,5 daN/mm²
Sigma comparison = 22,38 daN/mm²
max.deflection = 5mm
Max.deflection = 1/200 di Ln



Class 3 – Light truck
Dynamic load 3000 daN on imprint
400x200 mm ground total mass
up to 6000 kg
Material: Steel S235JR
Sigma yield strength = 23,5 daN/mm²
Sigma comparison = 22,38 daN/mm²
max.deflection = 5mm
Max.deflection = 1/200 di Ln



Class 4 – Heavy trucks
Dynamic load 9000 daN on imprint
600x250 mm ground total mass
up to 45000 kg
Material: Steel S235JR
Sigma yield strength = 23,5 daN/mm²
Sigma comparison = 22,38 daN/mm²
max.deflection. = 5mm
Max.deflection = 1/200 di Ln