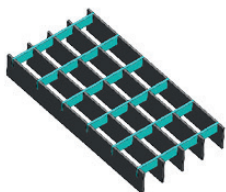


PRESSED GRATING MAIN MESH

MESH 22



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

B.B.	Mesh 22 x 11		Mesh 22 x 33		Mesh 22 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	32,34	34,28	22,92	24,30	20,57	21,80	1123	252	187	144
25 x 3	41,37	43,85	31,95	33,87	29,59	31,37	1242	329	232	177
30 x 2	35,95	38,11	26,53	28,12	24,18	25,63	1287	320	227	173
30 x 3	46,79	49,59	37,37	39,61	35,01	37,11	1425	430	290	212
30 x 4	57,62	60,50	48,20	50,61	45,84	48,14	1531	540	342	245
40 x 2	43,18	45,77	33,76	35,78	31,40	33,28	1597	491	323	231
40 x 3	57,62	61,08	48,20	51,09	45,84	48,59	1768	687	395	285
40 x 4	72,06	75,6	62,64	65,78	60,29	63,30	1900	883	461	339
40 x 5	86,51	90,83	77,09	80,94	74,73	78,47	2009	1078	526	389
50 x 2	50,40	53,42	40,98	43,44	38,62	40,94	1888	711	403	292
50 x 3	68,45	72,56	59,03	62,57	56,68	60,08	2090	1017	505	376
50 x 4	86,51	90,83	77,09	80,94	74,73	78,47	2246	1323	607	435
50 x 5	104,56	109,79	95,14	99,90	92,79	97,43	2375	1482	709	486
60 x 3	79,29	84,04	67,87	74,06	67,51	71,56	2396	1421	640	452
60 x 4	100,95	106,00	91,53	96,11	89,18	93,63	2575	1650	787	522
70 x 3	90,12	95,53	80,70	85,54	78,34	83,04	2690	1748	799	528
70 x 4	115,40	121,16	105,98	111,27	103,62	108,80	2890	1924	999	609
70 x 5	140,67	147,71	131,25	137,81	128,90	135,34	3056	2072	1199	687
80 x 3	118,81	125,94	97,61	103,47	92,32	97,85	2973	1997	983	603
80 x 4	147,70	155,08	126,50	132,83	121,20	127,26	3195	2198	1244	704
80 x 5	176,59	185,42	155,39	163,16	150,09	157,60	3378	2367	1505	805
90 x 3	129,64	137,42	108,45	114,95	103,15	109,34	3248	2246	1191	684
90 x 4	162,14	170,25	140,95	147,99	135,65	142,43	3490	2472	1521	812
90 x 5	194,64	204,37	173,45	182,12	168,15	176,55	3690	2662	1851	940
100 x 3	140,48	148,90	119,28	126,44	113,98	120,82	3515	2495	1423	774
100 x 4	176,59	185,42	155,39	163,16	150,09	157,60	3777	2746	1831	932
100 x 5	212,70	223,33	191,50	201,08	186,20	195,51	3994	2958	2061	1090
110 x 4	191,03	200,58	169,83	178,33	164,54	172,76	4057	3020	2105	1064
110 x 5	230,75	242,29	209,56	220,03	204,26	214,47	4290	3253	2265	1256



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