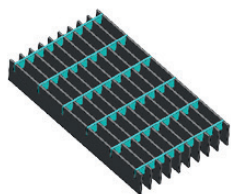


PRESSED GRATING MAIN MESH

MESH 11



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

B.B.	Mesh 11 x 11		Mesh 11 x 33		Mesh 11 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	50,00	53,00	40,58	43,02	38,23	40,52	1335	369	264	199
25 x 3	67,86	71,94	58,44	61,95	56,09	59,45	1478	504	328	244
30 x 2	57,15	60,58	47,73	50,59	45,37	48,10	1531	488	321	239
30 x 3	78,58	83,29	69,16	73,31	66,80	70,81	1694	682	394	297
30 x 4	100,01	105,01	90,59	95,12	88,23	92,65	1821	877	459	350
40 x 2	71,44	75,72	62,02	65,74	59,66	63,24	1900	790	430	329
40 x 3	100,01	106,01	90,59	96,02	88,23	93,53	2102	1136	545	404
40 x 4	128,58	135,01	119,16	125,12	116,81	122,65	2259	1331	660	467
40 x 5	157,16	165,01	147,74	155,12	145,38	152,65	2389	1433	775	522
50 x 2	85,72	90,87	76,30	80,88	73,95	78,38	2246	1179	559	412
50 x 3	121,44	128,73	112,02	118,74	109,66	116,24	2485	1510	739	505
50 x 4	157,16	165,01	147,74	155,12	145,38	152,35	2671	1661	919	583
50 x 5	192,87	202,52	183,45	192,63	181,10	190,15	2824	1789	1099	655
60 x 3	142,87	151,44	133,45	141,46	131,10	138,96	2850	1811	977	606
60 x 4	185,73	195,02	176,31	185,13	173,96	182,65	3062	1992	1236	709
70 x 3	164,30	174,16	154,88	164,17	152,53	161,68	3199	2111	1257	717
70 x 4	214,31	225,02	204,89	215,13	202,53	212,66	3437	2323	1610	856
70 x 5	264,31	277,52	254,89	267,63	252,53	265,16	3635	2502	1748	995
80 x 3	203,59	215,81	182,39	193,34	177,10	187072	3536	2412	1581	845
80 x 4	260,74	273,77	239,54	251,52	234,24	245,96	3800	2655	1852	1027
80 x 5	317,89	333,78	296,69	311,53	291,39	305,96	4018	2859	1994	1208
90 x 3	225,02	238,52	203,83	216,05	198,53	210,44	3862	2713	1893	990
90 x 4	289,31	303,78	268,12	281,52	262,82	275,96	4151	2986	2081	1220
90 x 5	363,60	371,28	332,41	349,03	327,11	343,46	4389	3216	2240	1450
100 x 3	246,45	261,24	225,26	238,77	219,96	233,15	4180	3014	2100	1152
100 x 4	317,89	333,78	296,69	311,53	291,39	305,96	4492	3317	2310	1436
100 x 5	389,32	408,79	368,13	386,53	362,83	380,97	4750	3573	2486	1720
110 x 4	346,46	363,78	325,26	341,53	319,97	335,96	4825	3649	2539	1674
110 x 5	425,04	446,29	403,84	424,04	398,54	418,47	5102	3930	2733	2018



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