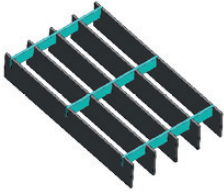


≡ PRESSED GRATING MAIN MESH

MESH 33



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

B.B.	Mesh 33 x 11		Mesh 33 x 33		Mesh 33 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
25 x 2	26,45	28,04	17,03	187,06	14,68	15,56	1014	208	156	119
25 x 3	32,54	34,49	23,12	24,51	20,76	22,01	1123	262	191	146
30 x 2	28,89	30,62	19,47	20,64	17,11	18,14	1163	255	187	143
30 x 3	36,19	38,36	26,77	28,37	24,41	25,88	1287	333	231	175
30 x 4	41,49	45,66	34,07	35,77	31,71	33,30	1383	411	275	202
40 x 2	33,76	35,78	24,34	25,80	21,98	23,30	1443	376	255	191
40 x 3	43,49	46,10	34,07	36,11	31,71	33,62	1597	515	332	234
40 x 4	53,22	55,88	43,80	45,99	41,45	43,52	1716	653	384	271
40 x 5	62,96	66,10	53,54	56,21	51,18	53,74	1815	792	430	308
50 x 2	38,62	40,94	29,20	30,95	26,85	28,46	1706	532	339	239
50 x 3	50,79	53,84	41,37	43,85	39,01	41,36	1888	749	416	296
50 x 4	62,96	66,10	53,54	56,21	51,18	53,74	2029	965	488	353
50 x 5	75,12	78,88	65,70	68,99	63,35	66,52	2146	1181	560	401
60 x 3	58,09	61,58	48,67	51,59	43,32	49,09	2165	1034	511	372
60 x 4	72,69	76,33	63,27	66,43	60,92	63,96	2327	1346	615	430
70 x 3	65,39	69,31	55,97	59,33	53,62	56,83	2430	1372	624	434
70 x 4	82,43	86,55	73,01	76,66	70,65	74,18	2612	1715	765	502
70 x 5	99,46	104,43	90,04	94,54	87,68	92,07	2762	1847	906	561
80 x 3	90,55	95,98	69,35	73,52	64,06	67,90	2687	1761	753	496
80 x 4	110,02	115,52	88,42	93,26	83,52	87,70	2887	1959	938	573
80 x 5	129,49	135,96	108,29	113,71	102,99	108,14	3053	2110	1123	643
90 x 3	97,85	103,72	76,66	81,25	71,36	75,64	2935	2002	900	559
90 x 4	119,75	125,74	98,56	103,48	93,26	97,92	3154	2203	1134	647
90 x 5	141,65	148,74	120,46	126,48	115,16	120,92	3335	2373	1368	734
100 x 3	105,15	111,46	83,96	88,99	78,66	83,38	3176	2224	1065	621
100 x 4	129,49	135,96	108,29	113,71	102,99	108,14	3413	2447	1353	728
100 x 5	153,82	161,51	132,63	139,26	127,33	133,69	3609	2636	1642	836
110 x 4	139,22	146,18	118,02	123,93	112,73	118,36	3666	2691	1596	818
110 x 5	165,99	174,29	144,79	152,03	139,49	146,47	3876	2899	1945	948



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