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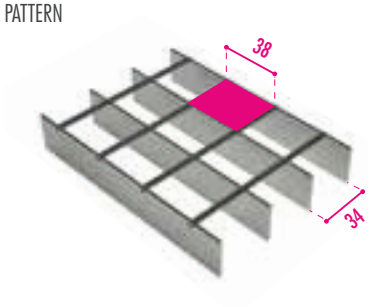
GRATINGS FENCES BUILDINGS

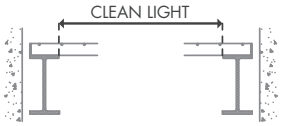
ELECTRO-WELDED STAINLESS STEEL GRATINGS

Mesh 34X38 mm

MESH PATTERN

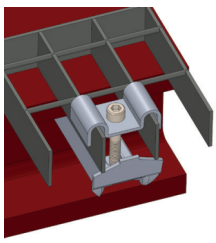


B.B. mm HxT	Conn.	Dimensions mm	Raw kg/mq	Cl1 Clean light between placements mm	CL2 Clean light between placements mm	CL3 Clean light between placements mm	CL4 Clean light between placements mm
25x2	○ 4mm	*1000x3000	14,30	1014	244	185	165
25x2	○ 4mm	*1000x3000	14,30	1014	244	185	165
25x2	○ 4mm	*1000x6100	14,30	1014	244	185	165



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

GRATING CLAMPS STANDARD



Stainless steel grating double clamp
Baldassar Model
for mesh 30 - 34 mm

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