

POTISSIMUM® FOR RESIDENTIAL APPLICATIONS

Thanks to its special manufacturing process, POTISSIMUM® residential electro-welded steel grating system offers exceptional sturdiness combined with a great aesthetic value. With its wide range of ready from stock mesh sizes, it can respond to every need and situation, mainly for residential buildings.

Tailored, framed and shaped grating panels are realized to complete from the simplest, to the more complex project with the support of our unique in-house technical office, assisting the customers at the design stage to provide the most economic and appropriate solutions.

Both the standard semi-finished grating mats called GEA, sized 6100x1000 mm and the cut-to-size panels are supplied CE marked and with the relevant Italian Protected Designation of Origin (PDO).



TECHNICAL DETAILS

Material

> S235JR UNI EN 10025 Steel

Coating

> Hot-dip galvanizing according to UNI EN ISO 1461

Painting

> RAL colours

Accessories

> Fixing clips > see page 67

APPLICATIONS

- > Walkways
- > Stair treads
- > Light grilles
- > Drain covers
- > Open steel flooring
- > Mezzanines

PRODUCT SPECIFICATIONS

ORSOGRIL POTISSIMUM® residential electro-welded grating - GES Cut-to-size framed panels (bearing bar - mesh)

Mesh mm: 11/15/22/25 x ...

Bearing flat bar mm: ...

Round cross bar Ø mm: ...

Edges framing flat bar, ... mm with continuous groove, forge-welded to the grating (on regular squared panels)

Weight kg/m²: ...

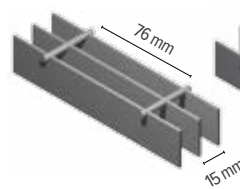
Material: S235JR UNI EN 10025 Steel

Finish: hot-dip galvanizing, according to UNI EN ISO 1461

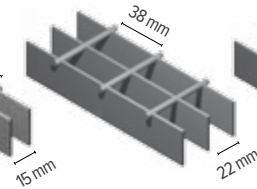
AGLAIA fixing clip for ... mm mesh - bottom or top fixing

CE certified (Ref. Factory Manufacturing Control Certificate 0948-CPR-0287)

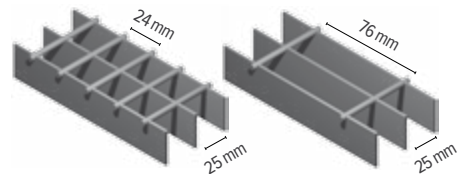
HEEL PROOF



BALL PROOF



BUILDING



BEARING BAR			CROSS BAR DIRECTION	N. bearing bars	HEEL PROOF		BALL PROOF		BUILDING	
H	S	L			Mesh	Weight	Weight	Weight	Weight	Weight
mm	mm	mm			kg/m ²	kg/m ²	kg/m ²	kg/m ²	kg/m ²	
25	2	998		67	25.2	-	18.0	18.4	15.8	
30	2	998		47	30.1	-	21.5	-	18.9	
40	2	998		47	40.1	-	-	-	25.0	
25	3	999		41	38.1	-	-	-	23.6	
30	3	999		41	45.7	-	32.2*	-	28.2	
40	3	999		41	61.0	-	-	-	37.6	
50	3	999		41	76.2	-	-	-	46.9	
60	3	999		41	92.4	-	-	-	57.1	
70	3	999		41	107.8	-	-	-	66.5	
80	3	999		41	123.2	-	-	-	-	
40	4	1000		41	-	-	57.6	-	50.4	
50	4	1000		41	-	-	72.0	-	63.0	
60	4	1000		41	-	-	87.2	-	76.3	
70	4	1000		41	-	-	101.8	-	89.0	

GEA MAT SIZE 6100x1000 mm, UNFRAMED - SELF COLOURED

*offered also with serrated bearing bar

Weights kg/m² are theoretical and subject to dimensional tolerances of raw materials (page 16 of UNI 11002, Point 5.3, Prospect 1)

