

ORSOGRIL Fencing: Stadion® Grating Panels

Stadion is a fence specifically develop for sport application, realized also thanks to the cooperation offered by the technical experts during the Football World Cup. This collaboration has given life to a fencing system having in the upper panels, wires different centers distance from the lower ones. This structure ensures good visibility, robustness and anti-climbing properties.

TECHNICAL DETAILS

Dimensions

- Mesh 124 x 100 (top panel)
- Mesh 124 x 50 (bottom panel)
- Horizontal flat bars 25x3 mm
- Vertical round bars Ø 4.5 mm

Material

- S235JR UNI EN 10025 Steel

Fixing System

- TTQST M10x30 security bolts in stainless steel

Coating

- Hot-dip galvanizing according to UNI EN ISO 1461
- Polyester powder coating

Colors

- RAL 6005 green, other RAL colors available on demand

Posts

- IPE100

Gates

- Safety gates built in compliance with the application laws on partitions in football grounds and stadiums

APPLICATIONS

- Football field fence
- Sports centers
- Athletics grounds
- Sports facilities
- Horse race tracks
- Car race tracks

PRODUCT SPECIFICATIONS

Stadion welded grating fence respond to the push loads forces foreseen in the norm UNI EN 13200 an it is made up of modular monolithic panels not jointed together.

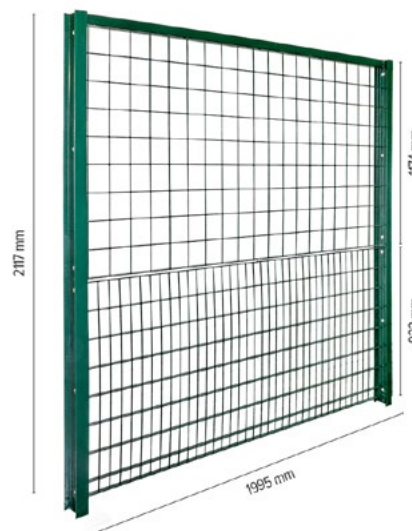
BOTTOM PANEL: height 933 mm, width 1995 mm, mesh 124x50 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x3 mm drilled vertical sides frame bars.

TOP PANEL: height 1174 mm, width 1995 mm, mesh 124x100 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x3 mm drilled vertical sides frame bars.

INCLINED TOP PANEL: height 540 mm, mesh 124x100 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x3 mm drilled vertical sides frame bars.

IPE100 post, length 2550 mm (or 2630+560 mm), drilled for connecting to the two panels and for anchoring the fence to the ground.

	PANEL				POST		Post to be set in concrete	
	H	L	Weight		Section	Fixing points	L	Weight galv.
	mm	mm	kg/ea	kg/m²	mm	n°	mm	kg/ea
Without cranked top	933	1995	20.1	10.8	IPE 100	6	2550	22.7
	1174	1995	28.1	12.0				
With cranked top	933	1995	20.1	10.8	IPE 100	8	2630 + 560	28.4
	1174	1995	28.1	12.0				
	539	1995	13.2	12.3				



ACCESSORIES

