

STADION

STADION is a fence specifically developed 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 specially designed for sports facilities, resisting the thrusts required by the UNI EN 13200 norms. This structure ensures good visibility, robustness and anti-climbing properties.

TECHNICAL DETAILS

Dimensions

- > Mesh 124x51 mm
- > Horizontal flat bars 25x3 mm
- > Vertical round bars Ø 4,5 mm

Material

- > S235 JR UNI EN 10025 steel

Coating

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

Colours

- > RAL 6005 green, other RAL colours available on demand

Fixing system

- > TTQST M10x30 security bolts in stainless steel

Post

- > IPE100

Gates

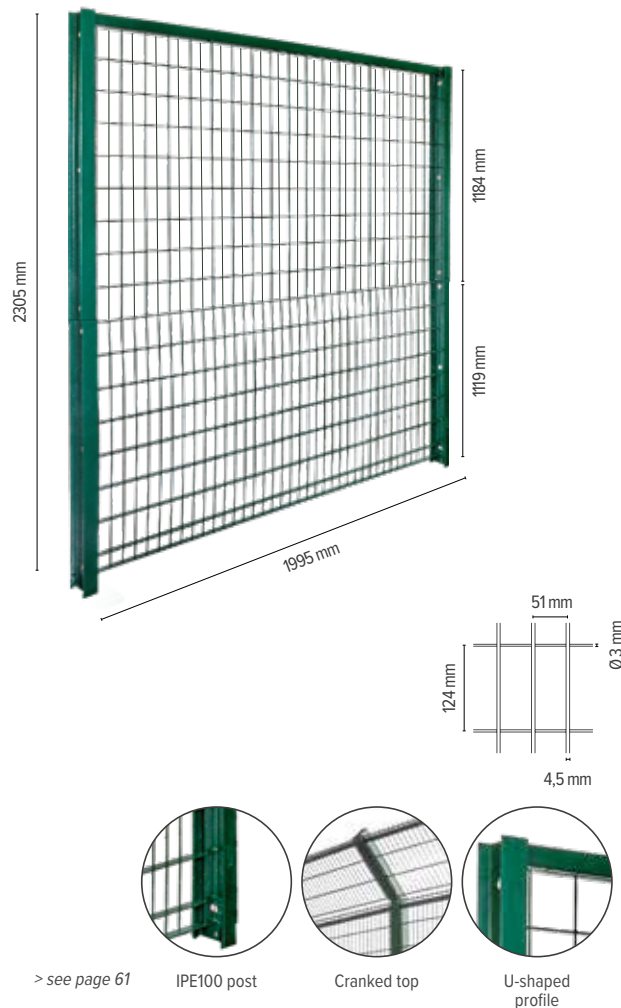
- > Safety gates built in compliance with the application laws on partitions in football grounds and stadiums

APPLICATIONS

- > Football field fence
- > Sports centres
- > Athletic 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 and it is made up of modular monolithic panels not jointed together. **BOTTOM PANEL:** height 1119 mm, width 1995 mm, mesh 124x51 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x4 mm drilled vertical sides frame bars. **TOP PANEL:** height 1184 mm, width 1995 mm, mesh 124x51 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x4 mm drilled vertical sides frame bars. **INCLINED TOP PANEL:** height 564 mm, mesh 124x51 mm, 25x3 mm horizontal flat bars, Ø 4.5 mm vertical round connection bars, 25x4 mm drilled vertical sides frame bars. **IPE100 post,** length 2950 mm (or 2990+605 mm), drilled for connecting to the two panels and for anchoring the fence to the ground.



> see page 61

IPE100 post

Cranked top

U-shaped profile

	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	1119	1995	18,5	8,3	IPE 100	6	2950	26,3
	1184	1995	25,3	10,7				
With cranked top	1119	1995	18,5	8,3	IPE 100	8	2990 + 605	32,0
	1184	1995	25,3	10,7				
	564	1995	14,2	12,6				



POSTS
P. 61



ASSEMBLY SYSTEMS
P. 64