



III Fencing

Tradition and new horizons



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FENCING

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RECINTHA® N/L

An elegant and lightweight fencing solution, RECINTHA® N/L panels have a “V” shaped profile that gives a pleasing appearance to the property perimeter system. The wide range of colours available allows this fencing to integrate perfectly with the most varied environments, resulting effective and refined at the same time. Thanks to the modular structure and the patented clip, RECINTHA® N/L becomes a strong, extremely adaptable and very quick to erect fence system to suite large fencing areas. It is available either in the classic version, with 60x60 mm square tube section or with 40 mm diameter round tube post.

TECHNICAL DETAILS

Dimensions

- > Mesh 50x200 mm
- > Wire Ø 5 mm

Material

- > S235JR UNI EN 10025 steel, hot galvanized according to UNI EN 10244-2

Coating

- > Polyester powder coating

Colours

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

Fixing system

- > *see page 61*
- > Universal MP clip for square post (International Patent)
- > Crab-type clip for round post

Gates

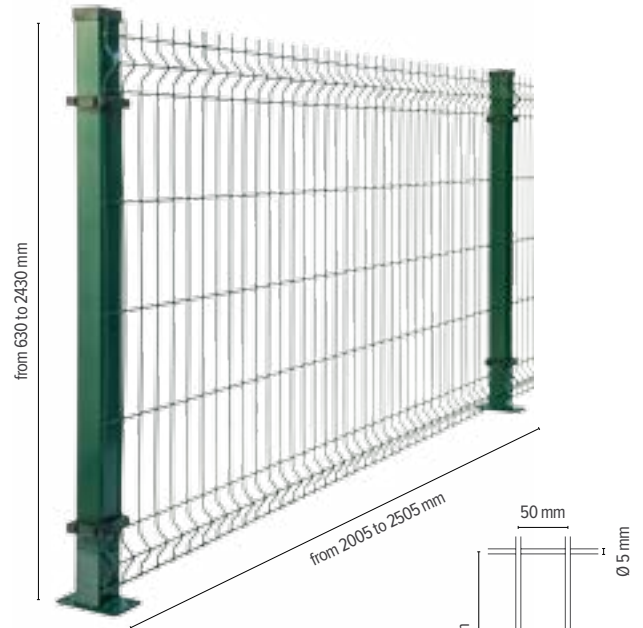
- > Single, double or sliding leaf gates

APPLICATIONS

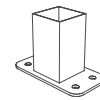
- > Industrial buildings
- > Residential buildings
- > Villas
- > Public buildings
- > Photovoltaic power systems

PRODUCT SPECIFICATIONS

Electro-welded wire mesh panels made of 5 mm nominal diameter steel wire with horizontal profiles. Mesh size 200x50 mm. For panel widths and heights, see the table below. Post centre-to-centre distance: square section 2010/2065 and 2510/2565 mm; round section 2015/2045 and 2515/2545 mm. Installation with universal MP or crab-type clips for respectively square or round tube posts.



Base plate sized 150x80x4 mm with 4no. Ø 12 mm holes



> see page 58

60x60 mm Square Post

Ø 40 mm Round Post

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
630	2005	6.5	5.1	60x60	2	900	2.6	700	2.4
				Ø 40		900	1.4	700	1.5
	2505	7.3	4.6	60x60		900	2.6	700	2.4
				Ø 40		900	1.4	700	1.5
830	2005	7.4	4.4	60x60	2	1100	3.2	900	3.0
				Ø 40		1100	1.7	900	1.8
	2505	9.1	4.4	60x60		1100	3.2	900	3.0
				Ø 40		1100	1.7	900	1.8
1030	2005	8.8	4.2	60x60	2	1300	3.8	1100	3.6
				Ø 40		1300	2.0	1100	2.1
				60x60		1300	3.8	1100	3.6
1230	2005	10.2	4.1	60x60	2	1500	4.4	1300	4.2
				Ø 40		1500	2.3	1300	2.4
				60x60		1500	4.4	1300	4.2
1530	2005	13.5	4.4	60x60	3	1800	5.3	1600	5.1
				Ø 40		1800	2.8	1600	2.8
				60x60		1800	5.3	1600	5.1
1730	2005	14.4	4.2	60x60	4	2000	5.9	1800	5.7
				Ø 40		2000	3.1	1800	3.2
				60x60		2000	5.9	1800	5.7
2030	2005	17.7	4.3	60x60	4	2300	6.8	2100	6.6
				Ø 40		2300	3.5	2100	3.6
2430	2005	20.0	4.1	60x60	4	2700	8.0	-	-
				Ø 40		2700	8.0	-	-



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- CAPS P. 64
- RECINTHA® ACCESSORIES P. 65

RECINTHA® 202



Download

The linearity of the mesh gives this fence a stylish look, while double horizontal wires makes it robust and secure; the system reaches its best when installed with Omega post.

The RECINTHA® 202 maintains high security standards, whilst ensuring a pleasing look.

TECHNICAL DETAILS

Dimensions

- > Mesh 50x200 mm
- > Double wire: 8 mm horizontal, 6 mm vertical

Material

- > S235JR UNI EN 10025 galvanized Steel

Coating

- > Polyester powder coating

Colours

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

Fixing system

- > Universal MP joint > see page 61
- > Cover plate with security bolts (only with Omega post) > see page 58

Gates

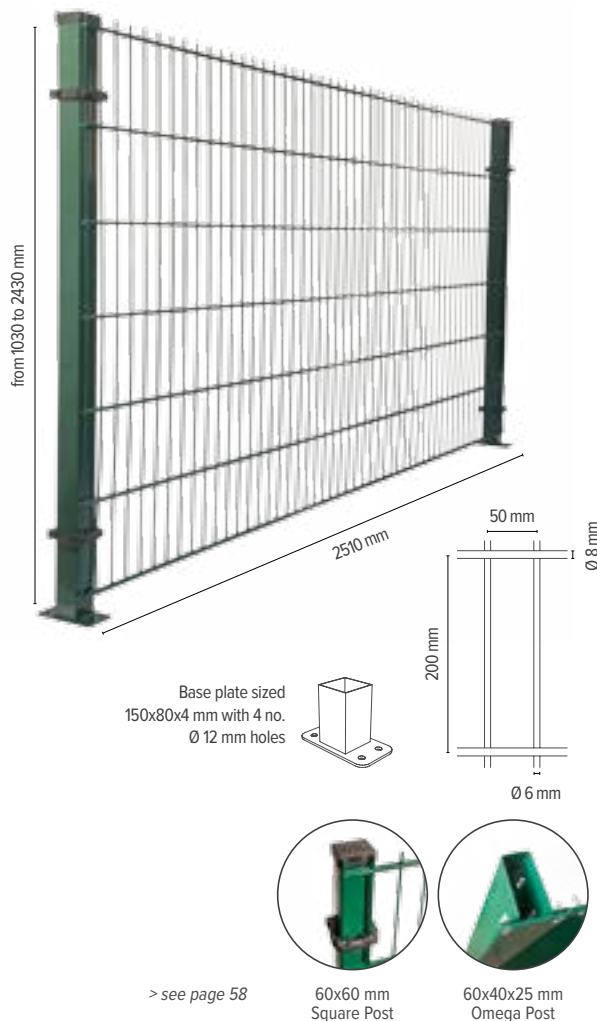
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial buildings
- > Residential buildings
- > Parking areas
- > Airports
- > Military sites

PRODUCT SPECIFICATIONS

High-resistance fencing type 202 made of electro-welded wire mesh panels, 50x200 mm opening, with double 8 mm horizontal and 6 mm vertical wires, completed by a symmetrical Omega profile post a predrilled cover plate and secured by stainless steel anti-theft bolts. Painted by thermosetting polyester powder coating. Post centre-to-centre distance: 2540 mm with Omega post, 2510 mm with square post section.



PANEL				POST			Post to be set in concrete		Post with base plate	
H	L	Weight		Omega section	Square post	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	mm	n°	mm	kg/ea	mm	kg/ea
1030	2510	22.5	8.7	60x40x25	-	6	1500	10.5	-	-
				-	60x60	3	1280	3.8	1080	3.6
1230	2510	26.9	8.7	60x40x25	-	6	1700	12.1	-	-
				-	60x60	3	1480	4.4	1280	4.2
1430	2510	31.2	8.7	60x40x25	-	6	2000	14.2	-	-
				-	60x60	3	1680	5.0	1480	4.8
1630	2510	35.6	8.7	60x40x25	-	8	2200	15.8	-	-
				-	60x60	4	1880	5.6	1680	5.4
1830	2510	40.0	8.7	60x40x25	-	8	2400	17.4	-	-
				-	60x60	4	2080	6.2	1880	6.0
2030	2510	44.3	8.7	60x40x25	-	8	2600	19.0	-	-
				-	60x60	4	2280	6.8	2080	6.6
2230	2510	48.7	8.7	120x60x30	-	10	2800	33.6	-	-
				-	-	-	-	-	-	-
2430	2510	53.1	8.7	120x60x30	-	10	3000	36.2	-	-
				-	60x60	4	2780	8.3	2480	7.8



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RECINTHA® P.G.

Modular fencing system, with no sharp edges, ideal for playgrounds, public parks and recreational areas use in general. The patented joint fixing system ensures versatility and ease of installation. The special top handrail conceals all protruding parts, making of it a secure fence.

TECHNICAL DETAILS

- Dimensions**
- > Mesh 50x200 mm
 - > Wire Ø 5 mm
 - > Tubular 40 mm diameter handrail

- Material**
- > S235JR UNI EN 10025 steel, hot-dip galvanized according to UNI EN 10244-2

- Coating**
- > Polyester powder coating

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

- Fixing system** > see page 61
- > Universal MP Joint for square post (International Patent)
 - > Crab-type clip for round post

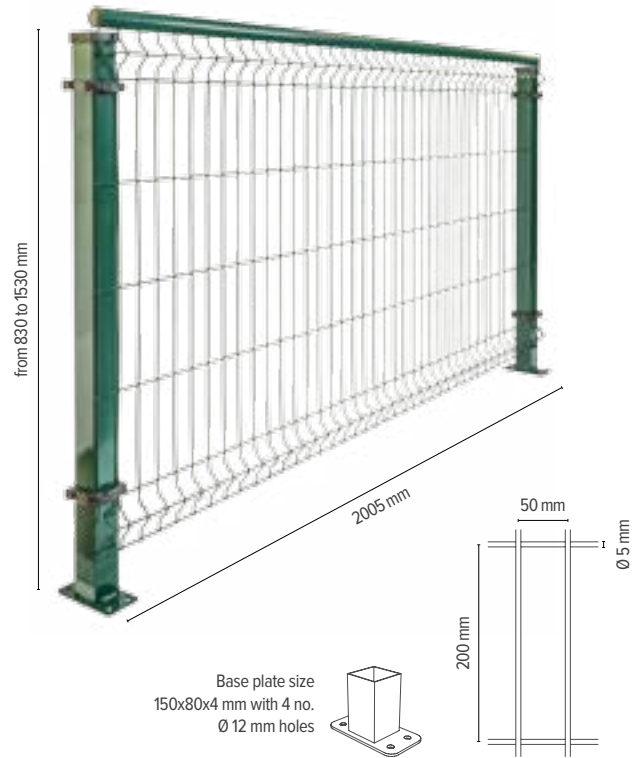
- Gates**
- > Single, double or sliding leaf gates

APPLICATIONS

- > Playgrounds
- > Public gardens
- > Leisure areas
- > Cycle tracks
- > School playing fields
- > Public railings

PRODUCT SPECIFICATIONS

Modular panels made of 5 mm welded wires. Mesh size 50x200 mm, with no sharp edges, topped by a 38 mm diameter tubular handrail with polyamide CF curved clips to join corner sections. Installation with universal MP or crab-type clips for respectively square or round tube posts. For panel width and height, see relevant tables. Post center-to-center distance: 2530/2565 mm with square post, 2015/2045 mm with round post.



Base plate size 150x80x4 mm with 4 no. Ø 12 mm holes



> see pages 58-65

Post with universal MP joint

Handrail joint detail

Handrail corner detail

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Tube section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
830	2005	7.4	4.4	60x60	2	1080	3.2	880	2.9
				Ø 40		1080	1.7	880	1.7
1030	2005	8.8	4.2	60x60	2	1280	3.8	1080	3.5
				Ø 40		1280	2.0	1080	2.0
1230	2005	10.2	4.1	60x60	2	1480	4.4	1280	4.1
				Ø 40		1480	2.3	1280	2.3
1530	2005	13.5	4.4	60x60	3	1780	5.3	1580	5.0
				Ø 40		1780	2.8	1580	2.8



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RECINTHA® SAFETY



This is a high security fencing system. The structure makes it virtually impossible to use shears on and, as it does not offer any foothold, it is impossible to climb over. The good see-through properties combine perfectly with the use of video-surveillance devices, for full effectiveness of the fencing system. The Omega post and anti-theft stainless steel bolt fastening system highly enhance its protection characteristics. For better solidity, additional accessories, such as reinforcement top and bottom rails, are available on request.

TECHNICAL DETAILS

Dimensions

- > Mesh 12.7x76.2 mm
- > Wire Ø 4 mm

Material

- > S235JR UNI EN 10025 steel, hot galvanized according to UNI EN 10244-2
- > 95% Zn - 5% Al eutectic alloy wire

Coating

- > Painting with polyester resins

Colours

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

Fixing system

- > see page 58
- > Cover plate with anti-theft bolts

Gates

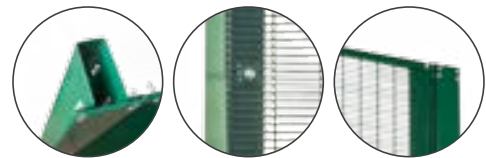
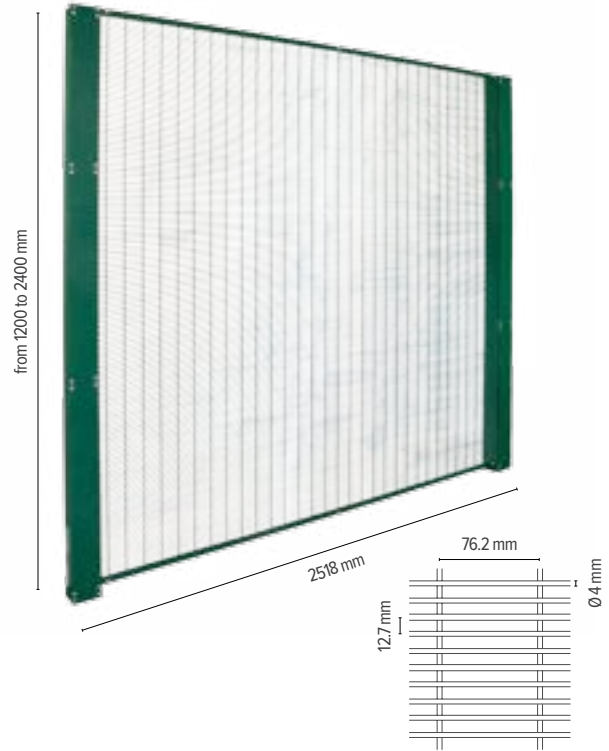
- > Single, double or sliding leaf gates

APPLICATIONS

- > Residential areas
- > Industrial areas
- > Commercial areas
- > Railways
- > Telecommunication sites
- > Military sites
- > High security fencing
- > Airport and customs area
- > Border lines

PRODUCT SPECIFICATIONS

Electro-welded mesh panel made of Ø 4 mm hot dip galvanized or zinc aluminium steel wire. Mesh size 12.7x76.2 mm. For panel widths and heights, see the table. Symmetric Omega profile posts with 90x4 mm and 120x4 mm cover plate. Stainless steel cup head square neck bolts and with security self-shearing nuts. Post centres distance: 2550 mm using Omega section 60x40x25 mm and 2580 mm with Omega section 120x60x30 mm. Thermosetting resins polyester powder coating.



> see pages 58-61-65

Omega post with 90x4 or 120x4 mm cover plate

Fastening with mesh clips

Optional reinforcement railing

PANEL				POST		Post to be set in concrete	
H	L	Weight		Omega section	Fixing points	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea
1200	2518	25.7	8.5	60x40x25	6	1700	12.0
1400	2518	30.0	8.5	60x40x25	6	1900	13.6
1600	2518	34.2	8.5	60x40x25	8	2100	15.2
1800	2518	38.5	8.5	60x40x25	8	2400	17.3
2000	2518	42.8	8.5	60x40x25	8	2600	18.9
2200	2518	47.1	8.5	120x60x30	10	2800	35.3
2400	2518	51.4	8.5	120x60x30	12	3000	36.1

MESH CLIP FIXING

PANEL				POST		Post to be set in concrete	
H	L	Weight		Rectangular section	Mesh clip	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea
1400	2518	30.0	8.5	120x60x2	6	1900	10.7
1600	2518	34.2	8.5	120x60x2	8	2100	11.8
1800	2518	38.5	8.5	120x60x2	8	2400	13.5
2000	2518	42.8	8.5	120x60x2	8	2600	14.6
2200	2518	47.1	8.5	120x60x2	10	2800	15.8
2400	2518	51.4	8.5	120x60x2	12	3000	16.9





RECINTHA® STADIUM

This specially designed fence for sport location is made in welded mesh according to the UNI EN 13200 norm. RECINTHA® STADIUM is not just a robust and very sturdy fence, but also guarantees to the audience an excellent vision through. In order to offer a product able to respond the new sports projects characteristics, this system has been equipped with particularly elegant and nice posts.

Available in three models: RS1 H = 2230 mm; RS2 H = 2430 mm; RS3 H = 2230 mm + 630 mm (cranked top) to comply to different sports facility areas standards.

TECHNICAL DETAILS

Dimensions

- > Mesh 50x200 mm
- > Twin horizontal wires Ø 8 mm, vertical wires Ø 6 mm

Material

- > Steel S235JR UNI EN 10025

Coating

- > Painting with polyester resins

Colours

- > RAL 6005 green, other RAL colors' available on demand

Gates

- > Safety gates built in compliance of the applicable laws on football fields and stadiums partitions

APPLICATIONS

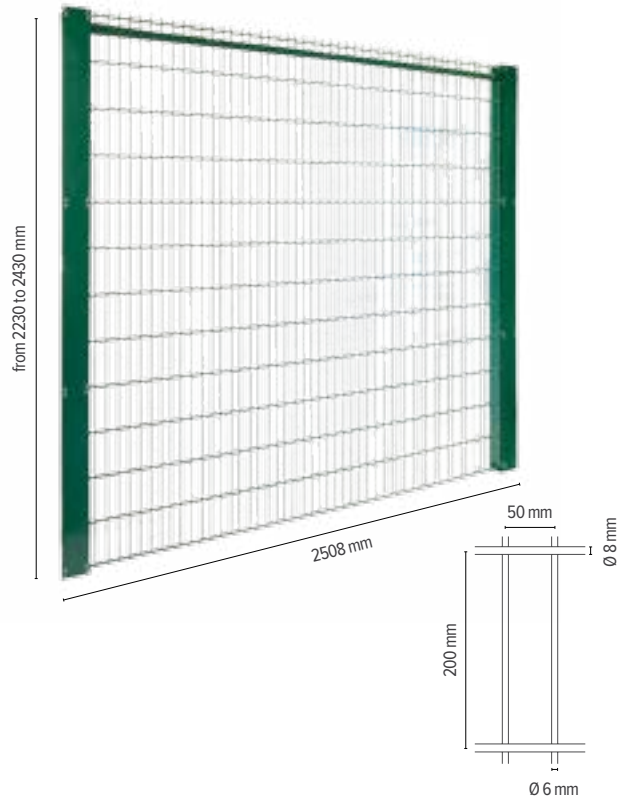
- > Football field fence
- > Sport arenas
- > Athletics grounds
- > Sports facilities
- > Hippodrome
- > Car racetrack

PRODUCT SPECIFICATIONS

RECINTHA® STADIUM fence is made of 50x200 mm electro-welded wire mesh panels, with double 8 mm horizontal wires and 6 mm vertical ones, mounted on Omega section posts profile, secured with stainless steel anti-theft bolts and cover plate, all in accordance with the Norm UNI EN 13200 (sports playgrounds partitions).

Finish hot-dip galvanized according to UNI EN ISO 1461 and polyester powder coated.

Post centers distance: 2570 mm.



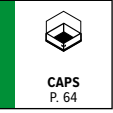
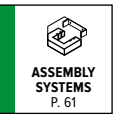
> see pages 59-62-65

Omega post 120x60x30x3 mm section

Cranked top

Horizontal railing "U" section

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Omega Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
2230	2508	42.9	8.7	120x60x30	11	3000	35.4	-	-
2430	2508	46.7	8.7	120x60x30	13	3000	36.2	-	-
2230+630	2508	42.9	8.7	120x60x30	11	2780+650	41.1	-	-





DEFENDER HD

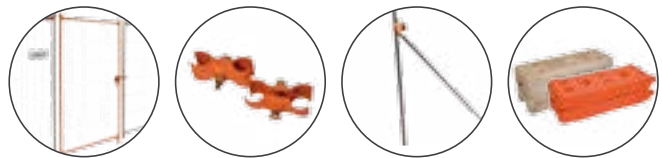
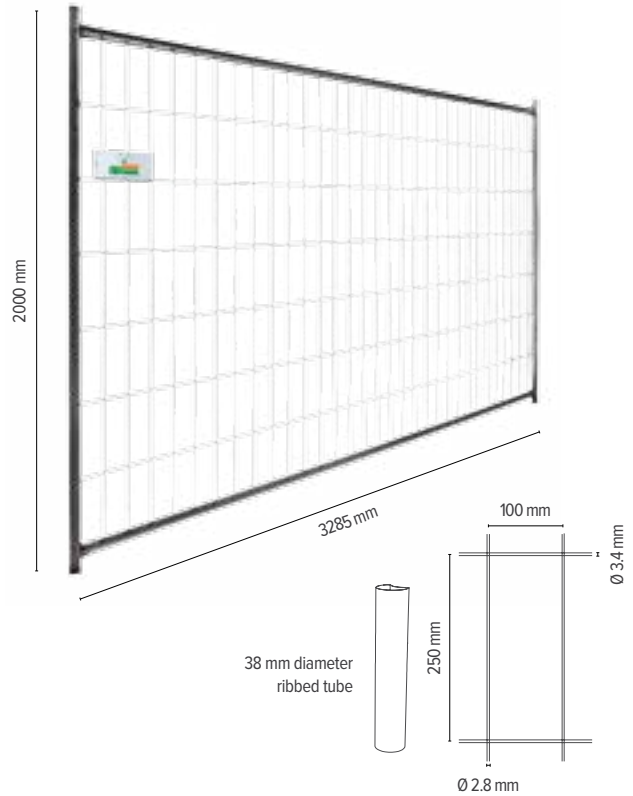
DEFENDER is the ideal solution to protect construction sites, special events areas and more generally any locations where temporary demarcation is necessary. The patented joint used between the horizontal and vertical tubes, ensures new standards in terms of strength and durability, thanks also to the special ribbed profile. The system is manufactured according to the CEE 92/57 D.L.494/96 D.L. 528/99 norm.

APPLICATIONS

- > Building worksites
- > Quick storage
- > Work in progress areas
- > Sports events
- > Trade fairs

PRODUCT SPECIFICATIONS

DEFENDER HD is a working site temporary fence made by a ribbed pregalvanized tubular frame 38mm diameter welded with s/s AISI 307 Si wire to prevent oxidation and a mesh panel infill. The welded mesh has 3.4 mm diameter horizontal wires at 254 mm centres and 2.8 mm diameter vertical wires at 101.6 mm centres galvanized according to the UNI EN 10244-2 norm. The 600x235x130mm cement base, are provided with eight holes to suit the vertical panel profiles.



> see page 66

PANEL			MESH		TUBE	BASE
H	L	Weight	H	L	Ø	Weight
mm	mm	kg/ea	mm	mm	mm	kg/ea
2000	3285	14	250	100	38 Ribbed	38





DEFENDER MARATHON

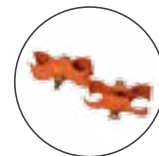
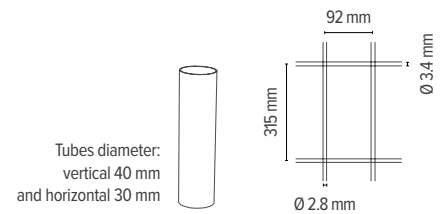
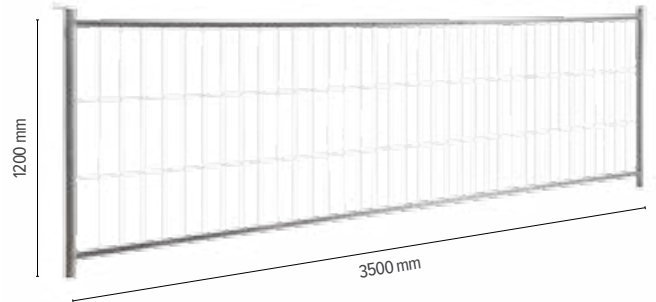
This fence is similar to DEFENDER HD style, suiting particularly working areas and construction worksites. Due to its characteristics, the panel is used also for crowd delimitation during sport and leisure events. This fence installation is very easy and quick and due to its reduced height of 1200 mm the system grants a good visibility.

APPLICATIONS

- > Building worksites
- > Work in progress areas
- > Sports and leisure events
- > Trade fairs

PRODUCT SPECIFICATIONS

Working site temporary fence 1200 mm high and 3480 mm long, made by a frame of two vertical tubes 40 mm diameter and two horizontal tubes 30 mm diameter welded to one infill mesh panel sized 315x92 mm, wire 2.8 mm. The fence supports are in CLS (cement) or CLS orange colour plastic coated.



> see page 66

Security Joints

CLS & ABS bases with 38 mm holes

PANEL		MESH		TUBE
H	L	H	L	Ø
mm	mm	mm	mm	mm
1200	3500	315	92	40 Vert + 30 Horiz





DEFENDER CITY

DEFENDER CITY ensures the site privacy and gives a specific connotation to your project. The panels are available in either pre-galvanized or pre-painted gray colour finish; additional colours to suit different aesthetic contexts or to comply with specific municipal regulations are available upon request.

APPLICATIONS

- > Building worksites
- > Quick storage
- > Work in progress areas
- > Sports events
- > Trade fairs

PRODUCT SPECIFICATIONS

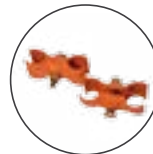
Working site temporary fence 2000 mm high and 1950 mm long, made by a frame of two vertical tubes 40 mm diameter and two horizontal "U" sections welded to one infill pre-galvanized or pre-painted finished steel corrugated sheet. The fence supports are in CLS (cement) or CLS orange colour plastic coated.



40 mm vertical tubes



Gates



Security Joints



Supporting brace



CLS & ABS bases with 38 mm holes

> see page 66

PANEL		INFILL	TUBE
H	L	Pre-galvanized or pre-painted corrugated steel sheet	vertical
mm	mm		mm
2000	1950		40





This anti-climbing railing fence is ideal for applications around residential areas. Supplied in modular panels, it has a neat appearance and can be used either in its galvanized finish or enhanced with painting (also micaceous grey finish), in order to give it a look similar to the handcrafted traditional fences. The system is completed by a 60x7 mm flat bar or a top conified tube post in the old-fashioned model.

TECHNICAL DETAILS

Dimensions

- > Vertical top conified round tubes
Ø 20 mm diameter at 117 mm centres distance
- > Top and bottom horizontal U profiles
25x50x25x2 mm

Material

- > Steel S235JR UNI EN 10025

Coating

- > Hot-dip galvanizing up to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > Stainless steel TTQST M10x30 security bolts

Posts

- > Flat bar 60x7 mm

Gates

- > Single, double or sliding leaf gates

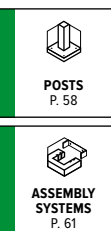
APPLICATIONS

- > Residential areas
- > Industrial areas
- > City parks
- > Sports facilities external fence

PRODUCT SPECIFICATIONS

ACUMINA® railing fence modular standard panels ... mm high, 1992 mm long, are made up of vertical top conified tubes 20 mm diameter, 1.5 mm thick welded at 117 mm centres distance, completed with top and bottom horizontal "U" profiles sections 25x50x25x2 mm, provided with a drilled welded plate to join panels to posts.

Post centers distance: 2000 mm.



PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
1100	1992	24.5	11.2	60x7	2	1210	4.4	1011	4.2
1364	1992	28.9	10.6	60x7	2	1494	5.4	1275	5.2
1496	1992	31.0	10.4	60x7	2	1625	5.9	1407	5.7
1628	1992	33.2	10.2	60x7	2	1758	6.4	1539	6.1
1892*	1992	40.8	10.8	60x7	3	2015	7.3	1803	7.1
2156*	1992	45.1	10.5	60x7	3	2336	8.5	2067	8.0

*n. 3 horizontal railings





It is a robust, simple and linear railing fence, with good see-through properties suitable for commercial or residential applications. The linear design ensures a pleasant look and a limited visual impact while granting a high degree of safety, since it does not provides climbing handholds. The lack of spikes and blunt parts, make it ideal for residential areas and public parks.

TECHNICAL DETAILS

Dimensions

- > Vertical round tubes Ø 20 mm diameter at 117 mm centres distance
- > Top and bottom horizontal U profiles 25x50x25x2 mm

Material

- > Steel S235JR UNI EN 10025

Coating

- > Hot-dip galvanizing up to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > Stainless steel TTQT M10x30 security bolts

Posts

- > Flat bar 60x7 mm

Gates

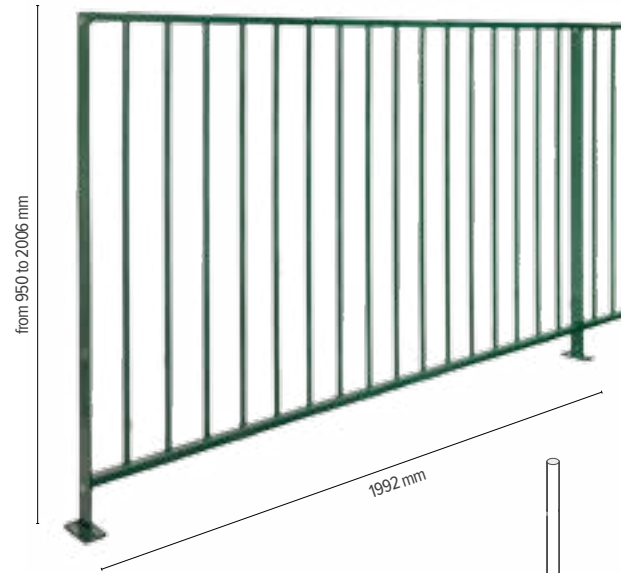
- > Single, double or sliding leaf gates

APPLICATIONS

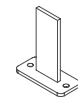
- > Residential areas
- > Industrial areas
- > City parks
- > Sports facilities external fence
- > School building

PRODUCT SPECIFICATIONS

CELENO® railing fence modular standard panels ... mm high, 1992 mm long, are made up of vertical tubes 20 mm diameter, 1.5 mm thick welded at 117 mm centres distance, completed with top and bottom horizontal "U" profiles sections 25x50x25x2 mm, provided with a drilled welded plate to join panels to posts. Post centers distance: 2000 mm.



Predrilled base plate sized 130x60x7 mm, provided with two holes 12 mm diameter



Ø 20 mm



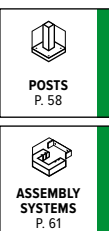
> see page 59

Vertical tubes and horizontal railing detail

Flat bar post 60x7 mm

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
950	1992	22.1	11.7	60x7	2	1210	4.4	1011	4.2
1214	1992	26.4	10.9	60x7	2	1494	5.4	1275	5.2
1346	1992	28.6	10.7	60x7	2	1625	5.9	1407	5.7
1478	1992	30.7	10.4	60x7	2	1758	6.4	1539	6.1
1742*	1992	38.3	11.0	60x7	3	2015	7.3	1803	7.1
2006*	1992	42.7	10.7	60x7	3	2336	8.5	2067	8.0

*n. 3 horizontal railings



ANTICLEA®



Download

Born from a unique design research inspired to the Italian style, ANTICLEA® is characterized by an original construction system combining elegance to solidity given by the 12 mm full rods use. The result is the typical strength of wrought iron fences, but with a neat boltless panel/ post fixing patented system, using a stainless steel viewless pin. Furthermore the elements' intersections linearity, make ANTICLEA® fence ideal for applications around prestigious or historical areas.

TECHNICAL DETAILS

Dimensions

- > Pairs of horizontal 25x6 mm flat bars at 100 mm centres distance
- > 12 mm vertical bars at 110 mm centres distance

Material

- > Steel S235JR UNI EN 10025

Coating

- > Hot-dip galvanizing up to UNI EN ISO 1461
- > Painting with polyester resins

Colours

- > Standard gray micaceous, other RAL colours available on demand

Fixing system

- > Stainless steel viewless pin

Posts

- > Round tube 50 mm diameter

Gates

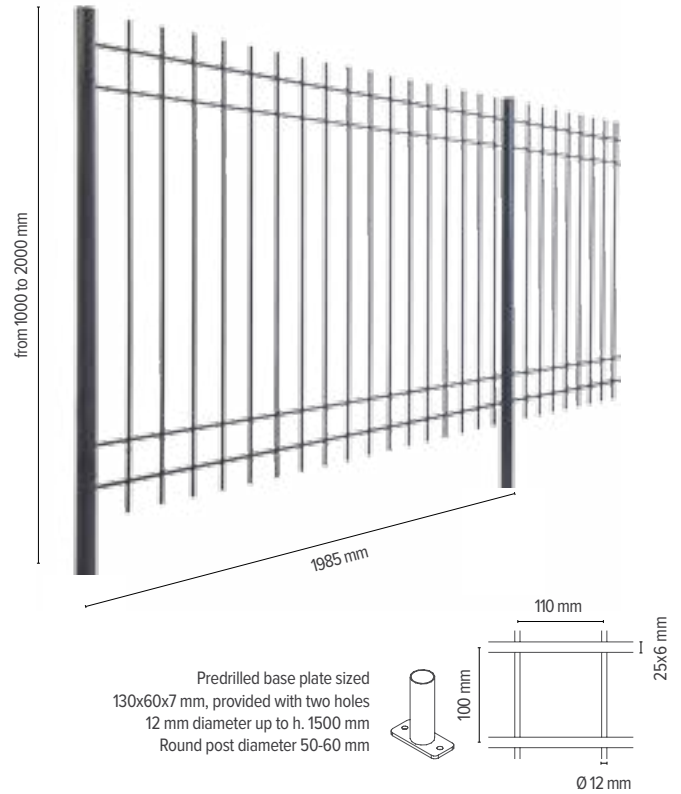
- > Single, double or sliding leaf gates

APPLICATIONS

- > Prestigious residential areas
- > Historical and archaeological sites
- > Public parks

PRODUCT SPECIFICATIONS

ANTICLEA® electro-welded railing fence is made up of modular monolithic panels, not jointed or abreast. Each panel is formed by two/three top and bottom pairs of flat horizontal bars, shaped and drilled at both ends (25x6 mm at 100 mm centres distance), welded to vertical round bars (Ø 12 mm diameter at 110 mm centres distance) rounded at both ends. Posts round tubes Ø 50 mm diameter are connected to panels by a patented boltless system. Post centers distance: 2000 mm.



Predrilled base plate sized 130x60x7 mm, provided with two holes 12 mm diameter up to h. 1500 mm
Round post diameter 50-60 mm



> see page 58-61-64

Round tube post

Stainless steel viewless pin

Plastic round cap 50 mm

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Tube section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
1000	1985	28.19	14.20	Ø 50	4	1300	3.4	1100	3.4
1200	1985	31.68	13.30	Ø 50	4	1500	3.9	1300	3.9
1500	1985	36.92	12.40	Ø 50	4	1800	4.7	1600	4.7
1800	1975	47.28	13.30	Ø 60	6	2100	5.5	1900	5.2
2000	1975	50.96	12.90	Ø 60	6	2300	6.0	2100	6



POSTS
P. 58



ASSEMBLY
SYSTEMS
P. 61



CAPS
P. 64

RECINTHA® GIGLIO



Residential, modular panels' fence, RECINTHA® GIGLIO evokes great villas typical wrought iron fences dated back to early 20th century. Thanks to the tubular structure design completed with the cast iron top lily finish, the private and public areas are surrounded with style, allowing also an open view of the greenery behind. The surface is treated with special powders coating, to give the fence a unique antique, handcrafted look ideal for homes with high quality finishes. The special assembling system, easy and efficient, make it adaptable to all situations, simplifying the installation process.

TECHNICAL DETAILS

Dimensions

- > Vertical round tubes Ø 17 mm diameter with top lily ends at 110 mm centres distance
- > Top and bottom horizontal U profiles 20x30x20x3 mm

Material

- > Steel S235JR UNI EN 10025

Coating

- > Sendzimir galvanization
- > Painting with polyester resins

Colours

- > Standard gray micaceous, other RAL colours available on demand

Fixing system

- > Crab-type joint
- > Fixing lug

Gates

- > Single, double or sliding leaf gates

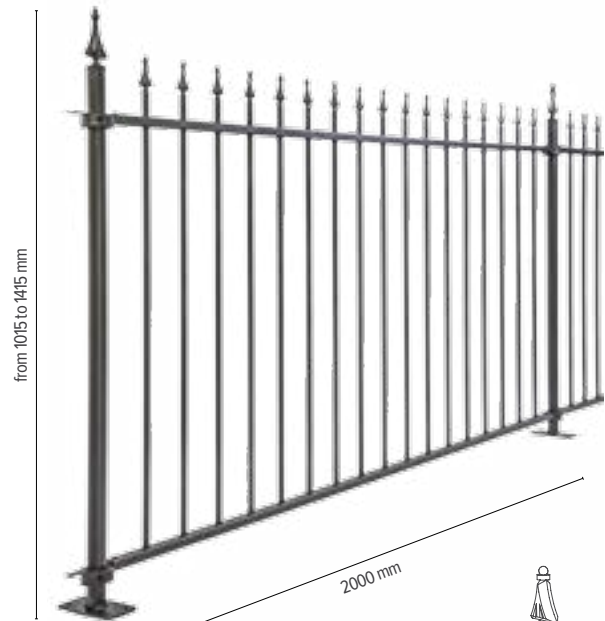
APPLICATIONS

- > Residential areas
- > Public parks
- > Urban furniture
- > Historical areas

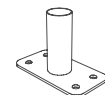
PRODUCT SPECIFICATIONS

RECINTHA® GIGLIO railing fence modular standard panels are made up of vertical tubes 17 mm diameter, 1.5 mm thick with top GIGLIO ends at 110 mm centres distance, completed with top and bottom horizontal "U" profiles sections 20x30x20x3 mm, provided with a drilled lug to join panels to 40 mm diameter posts.

Post centers distance: 2000 mm.



Predrilled base plate sized 150x80x4 mm, provided with four holes 12 mm diameter
Round tube post: 40 mm diameter



Ø 16 mm



> see page 58-61

Top GIGLIO ends



Crab-type joint

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Tube section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
1015	2000	10.2	5.0	Ø 40	2	1360	2.9	1160	3.0
1215	2000	11.5	4.7	Ø 40	2	1560	3.2	1360	3.3
1415	2000	12.7	4.5	Ø 40	2	1760	3.5	1560	3.6





STEROPE® is the flagship among the NUOVA DEFIM ORSOGRIL branded fencing products, matching elegance and aesthetic with solidity and transparency. These characteristics are ensured by the rectangular mesh that makes it a versatile product. STEROPE® fencing panels can be combined with two different types of posts, a classic flat bar, or a squeezed round tube post exclusive to the ORSOGRIL brand.

TECHNICAL DETAILS

Dimensions

- > Mesh 62x132 mm
- > Vertical flat bars 25x2 mm
- > Horizontal rounded bars 4.5 mm

Material

- > S235JR UNI EN 10025 Steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TDE M10x30 stainless steel bolt with base plate or without for concrete anchoring
- > TTQT M10x30 stainless steel security bolt

Posts

- > 60x7 - 80x8 mm flat bar posts with base plate or without for concrete anchoring
- > Ø 50 mm round tube post with base plate or for concrete anchoring

Gates

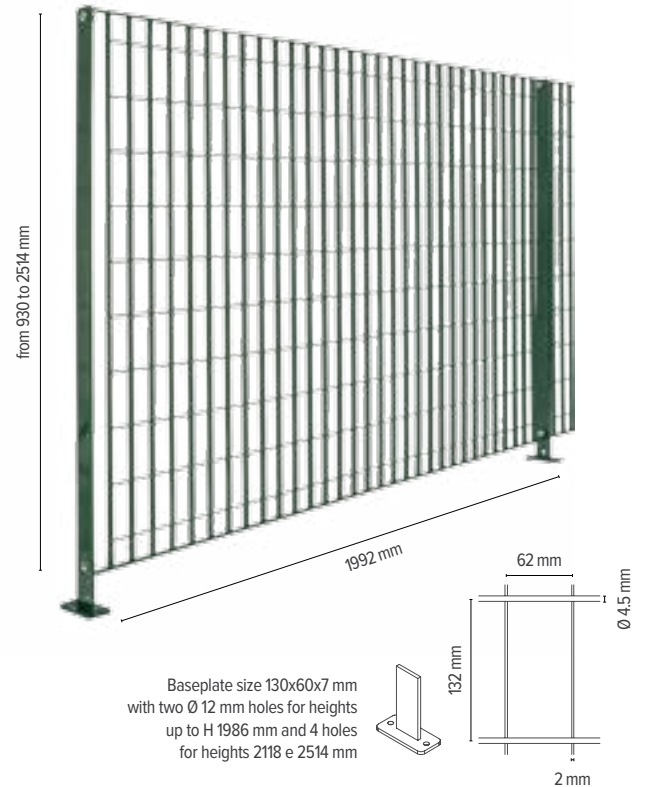
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial areas
- > Residential areas
- > Commercial areas
- > Car parks
- > School buildings

PRODUCT SPECIFICATIONS

STEROPE® electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... mm, width 1992 mm, mesh size 62x132 mm with 25x2 mm vertical flat bars (centres distance 62 mm) and 4.5 mm diameter horizontal round bars (centres distance 132 mm). The 25x4 mm flat bar horizontal frame elements are bent at the ends for a length of 40 mm and are slot drilled 12x16 mm. The horizontal frame elements are electro-welded to the vertical flat bars by fusion without additional material.
Post centres distance: 2000 mm



> see pages 59-61

	POSTS P. 58
	ASSEMBLY SYSTEMS P. 61
	CAPS P. 64

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
930	1992	16.27	8.78	60x7	2	1210	4.4	1011	4.2
				Ø 50	2	1210	3.1	1083	3.3
1194	1992	19.96	8.39	60x7	2	1494	5.4	1275	5.2
				Ø 50	2	1494	3.9	1347	4.0
1326	1992	21.82	8.26	60x7	2	1625	5.9	1407	5.7
				Ø 50	2	1625	4.2	1479	4.4
1458	1992	23.64	8.14	60x7	2	1758	6.4	1539	6.1
				Ø 50	2	1758	4.6	1611	4.7
1722	1992	27.34	7.97	60x7	2	2015	7.3	1803	7.1
				Ø 50	2	2015	5.2	1875	5.4
1986	1992	31.02	7.84	60x7	3	2336	8.5	2067	8.0
2118	1992	32.87	7.79	80x8	3	2470	13.7	2199	12.9
2514	1992	38.41	7.67	80x8	3	2915	16.1	2595	15.1





STEROPE® 3, the stronger version for the classical STEROPE® style manufactured with a 25x3 mm bearing bar, matches elegance and aesthetic with solidity and transparency. These characteristics are ensured by the rectangular mesh that makes it an extremely versatile product. STEROPE® 3 fencing panels can be combined with two different types of posts, a classic flat bar or an ORSOGRIL exclusive squeezed round tube post. Thanks to the NUOVA DEFIM ORSOGRIL new materials careful research, is now also available in the range COR-TEN STEEL STEROPE® LIVE, able to give the project a warm chromatic mutation at free-maintenance costs.

TECHNICAL DETAILS

Dimensions

- > Mesh 62x132 mm
- > Vertical flat bars 25x3 mm
- > Horizontal rounded bars 4.5 mm

Material

- > S235JR UNI EN 10025 Steel
- > COR-TEN Steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TDE M10x30 stainless steel bolt
- > TTQST M10x30 stainless steel security bolt

Posts

- > 60X7 - 80X8 mm flat bar posts with base plate or without for concrete anchoring
- > Ø 50 mm round tube post with base plate or without for concrete anchoring

Gates

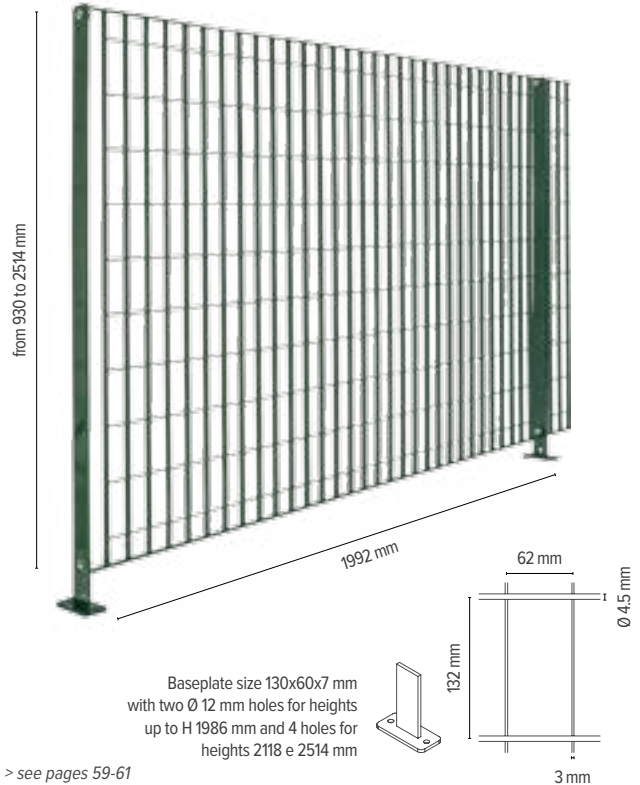
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial areas
- > Residential areas
- > Commercial areas
- > Car parks
- > School buildings

PRODUCT SPECIFICATIONS

STEROPE® 3 electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... mm, width 1992 mm, mesh size 62x132 mm with 25x3 mm vertical flat bars (centres distance 62 mm) and 4.5 mm diameter horizontal round bars (centres distance 132 mm). The 25x4 mm flat bar horizontal frame elements, are bent for a length of 40 mm, slot drilled 12x16 mm at the ends and are electro-welded to the vertical flat bars by fusion without additional material. Post centres distance: 2000 mm



> see pages 59-61



Squeezed round post Ø 50 mm

Flat bar post 60x7, 80x8 mm

Intermediate fixing brackets only for heights 1986, 2118 and 2514 mm

Adjusting bracket (straight)

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m²	mm	n°	mm	kg/ea	mm	kg/ea
930	1992	21.91	11.83	60x7	2	1210	4.4	1011	4.2
				Ø 50	2	1210	3.1	1083	3.3
1194	1992	27.21	11.44	60x7	2	1494	5.4	1275	5.2
				Ø 50	2	1494	3.9	1347	4.0
1326	1992	29.87	11.31	60x7	2	1625	5.9	1407	5.7
				Ø 50	2	1625	4.2	1479	4.4
1458	1992	32.53	11.20	60x7	2	1758	6.4	1539	6.1
				Ø 50	2	1758	4.6	1611	4.7
1722	1992	37.83	11.03	60x7	2	2015	7.3	1803	7.1
				Ø 50	2	2015	5.2	1875	5.4
1986	1992	43.16	10.91	60x7	3	2336	8.5	2067	8.0
2118	1992	45.82	10.86	80x8	3	2470	13.7	2199	12.9
2514	1992	53.78	10.74	80x8	3	2915	16.1	2595	15.1





PLEIONE®

PLEIONE® fence main characteristic is the small squared mesh. Thanks to this feature, choosing this product means to go for a fence where elegance and aesthetic join solidity and strength. PLEIONE® perimeter system can be completed with two different types of posts, a 60x7 or 80x8 mm classic flat bar or an Orsogrill exclusive squeezed round tube post.

TECHNICAL DETAILS

Dimensions

- > Mesh 62x66 mm
- > Vertical flat bars 25x2 mm
- > Horizontal rounded bars 4.5 mm

Material

- > S235JR UNI EN 10025 Stee

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TDE M10x30 stainless steel bolt
- > TTQST M10x30 stainless steel security bolt

Posts

- > 60x7 - 80x8 mm flat bar posts with base plate or without for concrete anchoring
- > Ø 50 mm round tube post with base plate or without for concrete anchoring

Gates

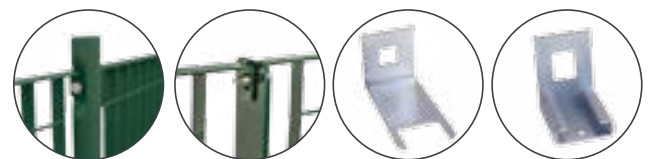
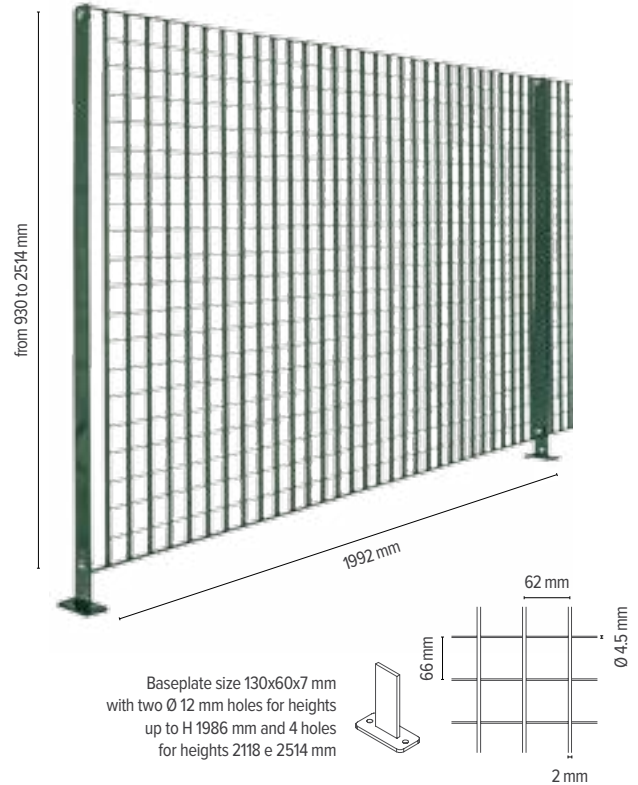
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial areas
- > Residential areas
- > Commercial areas
- > Public buildings

PRODUCT SPECIFICATIONS

PLEIONE® electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... mm, width 1992 mm, mesh size 62x66 mm with 25x2 mm vertical flat bars (centres distance 62 mm) and 4.5 mm diameter horizontal round bars (centres distance 66 mm). The 25x4 mm flat bar horizontal frame elements, are bent for a length of 40 mm, slot drilled 12x16 mm at the ends and are electro-welded to the vertical flat bars by fusion without additional material. Post centres distance: 2000 mm



Squeezed round post Ø 50 mm

Flat bar post 60x7, 80x8 mm

Intermediate fixing brackets only for heights 1986, 2118 and 2514 mm

Adjusting bracket (straight)

> see pages 59-61

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
930	1992	17.91	9.67	60x7	2	1210	4.4	1011	4.2
				Ø 50		1210	3.1	1083	3.3
1194	1992	22.07	9.28	60x7	2	1494	5.4	1275	5.2
				Ø 50		1494	3.9	1347	4.0
1326	1992	24.14	9.14	60x7	2	1625	5.9	1407	5.7
				Ø 50		1625	4.2	1479	4.4
1458	1992	26.23	9.03	60x7	2	1758	6.4	1539	6.1
				Ø 50		1758	4.6	1611	4.7
1722	1992	30.39	8.86	60x7	2	2015	7.3	1803	7.1
				Ø 50		2015	5.2	1875	5.4
1986	1992	34.54	8.73	60x7	3	2336	8.5	2067	8.0
2118	1992	36.62	8.68	80x8	3	2470	13.7	2199	12.9
2514	1992	42.87	8.56	80x8	3	2915	16.1	2595	15.1



- POSTS P. 58
- ASSEMBLY SYSTEMS P. 61
- CAPS P. 64



BRITOSTEROPE® is an extra-sturdy fence consisting of large monolithic modular panel obtained by electro-welding vertical bearing flat bars and horizontal round transverse bars, which offers a high level of security. BRITOSTEROPE® matches solidity and safety with a pleasant look.

TECHNICAL DETAILS

Dimensions

- > Mesh 62x132 mm
- > Vertical flat bars 30x4 mm
- > Horizontal round bars 6 mm

Material

- > S235JR UNI EN 10025 Steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TDE M10x30 stainless steel bolt
- > TTQST M10x30 stainless steel security bolt

Posts

- > 60x7 - 80x8 mm flat bar posts with base plate or without for concrete anchoring

Gates

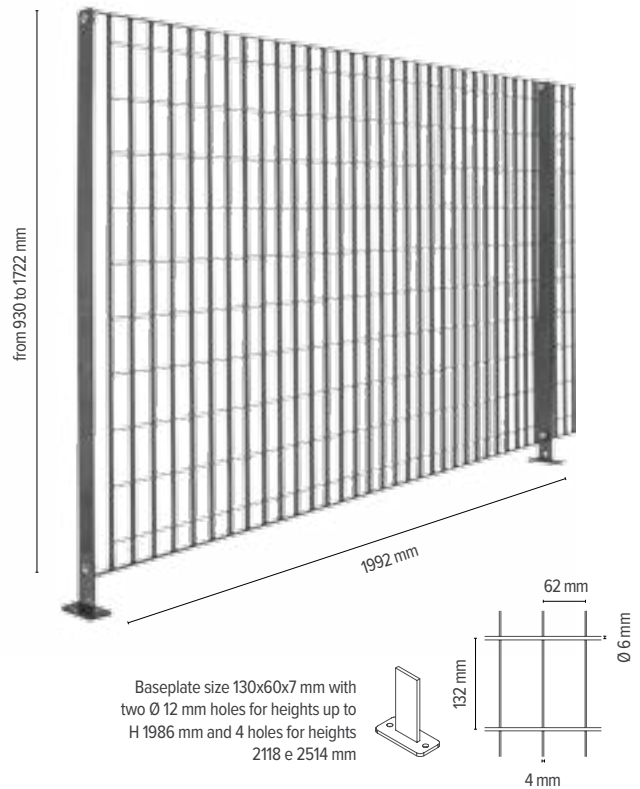
- > Single, double or sliding leaf gates

APPLICATIONS

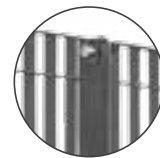
- > Industrial facilities
- > Airports
- > Military sites
- > Infrastructures
- > Industrial areas
- > Residential areas
- > Custom areas

PRODUCT SPECIFICATIONS

BRITOSTEROPE® electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... mm, width 1992 mm, mesh size 62x132 mm, with 30x4 mm vertical flat bar (centres distance 62 mm) and 6 mm diameter horizontal round bars (centres distance 132 mm). The 30x4 mm flat bar horizontal frame elements are bent at the ends for a length of 40 mm and are slot drilled 12x16 mm. The horizontal frame elements are electro-welded to the vertical posts by fusion without additional material. Post centres distance: 2000 mm.



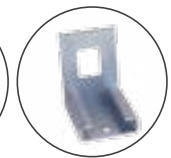
> see pages 59-61



Flat bar post 60x7 mm

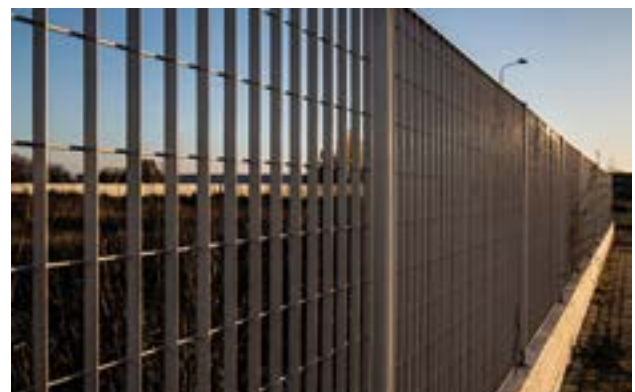


Intermediate fixing brackets only for heights 1986, 2118 and 2514 mm



Adjusting bracket (straight)

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
930	1992	33.53	18.10	60x7	2	1210	4.4	1011	4.2
1194	1992	42.17	17.73	60x7	2	1494	5.4	1275	5.2
1326	1992	46.47	17.60	60x7	2	1625	5.9	1407	5.7
1458	1992	50.83	17.50	60x7	2	1758	6.4	1539	6.1
1722	1992	59.44	17.33	60x7	2	2015	7.3	1803	7.1
1986	1992	68.08	17.21	60x7	3	2336	8.5	2067	8.0
2118	1992	72.40	17.16	80x8	3	2470	13.7	2199	12.9
2514	1992	85.38	17.05	80x8	3	2915	16.1	2595	15.1





MEROPE® offers an excellent ratio between transparency and robustness due to the different position of the bearing bars placed horizontally. The special C-shaped post integrated in the panel provides time saving and ease of installation.

TECHNICAL DETAILS

Dimensions

- > Mesh 124x62 mm
- > Horizontal flat bars 25x2 mm
- > Vertical round bars 4.5 mm

Material

- > S235JR 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

- > M6x30 stainless steel bolt

Posts

- > Welded "C" shaped special profile post 49x25x11x2 mm

Gates

- > Single, double or sliding leaf gates

APPLICATIONS

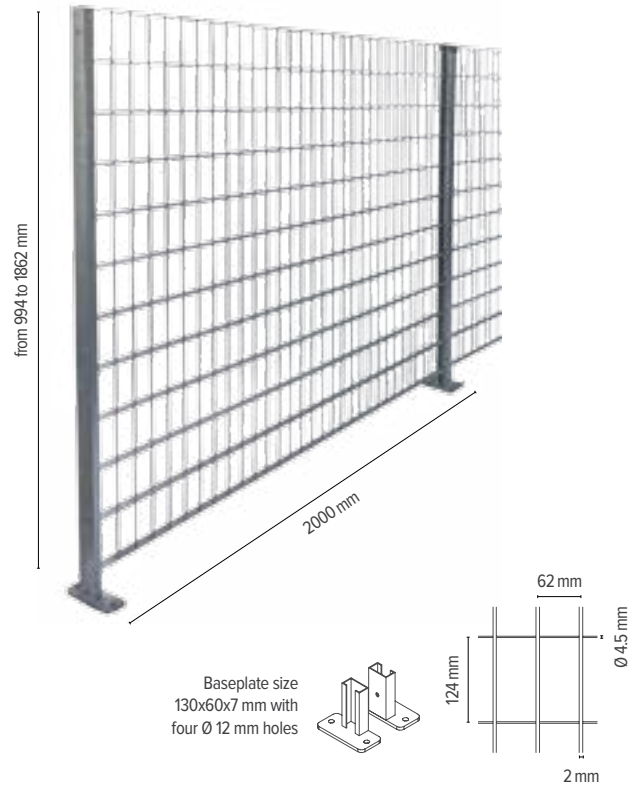
- > Industrial areas
- > Residential areas
- > Commercial areas
- > Public buildings
- > School buildings

PRODUCT SPECIFICATIONS

MEROPE® is a welded mesh grating system made up of modular monolithic panels, not jointed or abreast, height ... mm, width 2000 mm, mesh size 124x62 mm, with 25x2 mm horizontal flat bars (centres distance 124 mm) and Ø 4.5 mm vertical round bars (centres distance 62 mm). The panels are supported by special symmetric 49x25x11x2 mm C-shaped symmetrical posts, welded at both ends to form a single structure ready for installation. They come pre-drilled for joining adjacent panels and erecting the fencing.

Centre distance: 2000 mm.

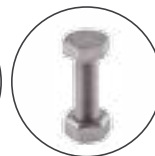
The top of the post is protected and sealed by a black Moplen® cap.



Baseplate size
130x60x7 mm with
four Ø 12 mm holes



49x25x11 mm
C-shaped
welded post



M6x20 stainless
steel hexagon
head screw



Moplen® cap

> see pages 59-63-64

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section C	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
994	2000	15.9	8.03	49x25x11x2	welded	1295	2.7	1075	2.6
1366	2000	21.3	7.83	49x25x11x2	welded	1667	3.5	1447	3.4
1862	2000	28.6	7.7	49x25x11x2	welded	2163	4.5	1943	4.4

	POSTS P. 58
	ASSEMBLY SYSTEMS P. 61
	CAPS P. 64





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 having in the upper panels, wires different centres distance from the lower ones. This structure ensures good visibility, robustness and anti-climbing properties.

TECHNICAL DETAILS

Dimensions

- > Mesh 124x100 (top panel)
- > Mesh 124x50 (bottom panel)
- > Horizontal flat bars 25x3 mm
- > Vertical round bars Ø 4.5 mm

Material

- > S235JR 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

Posts

- > IPE100

Gates

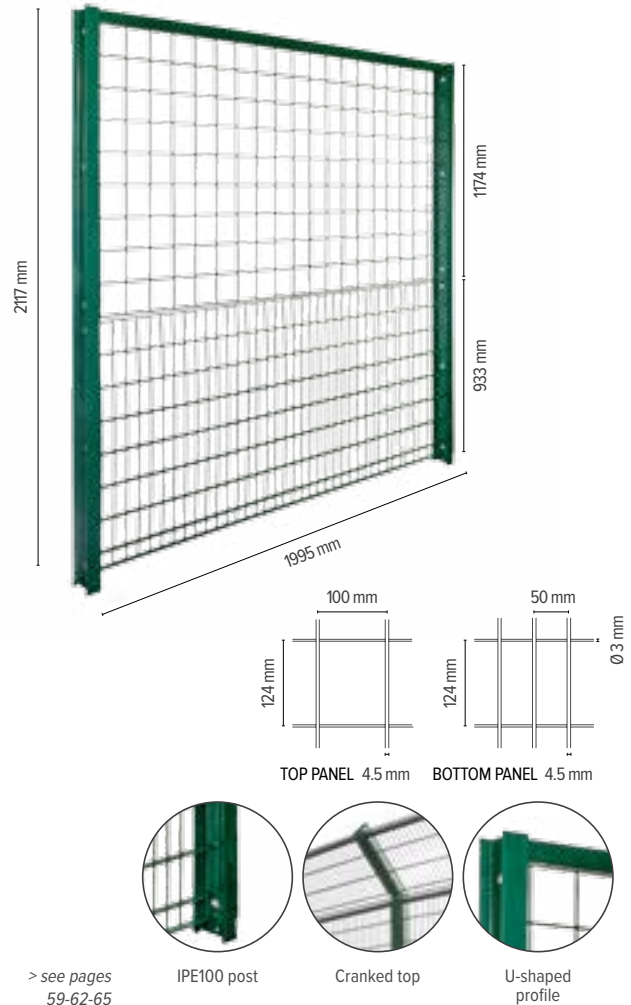
- > Safety gates built in compliance with the application laws on partitions in football grounds and stadiums

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 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.



> see pages 59-62-65

	PANEL				POST		Post to be set in concrete	
	H	L	Weight		Section	Fixing points	L	Weight galv.
	mm	mm	kg/ea	kg/m ²				
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				



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TALIA® VENTUS



Download

Thanks to the specific profiles, this product brings together elegance and privacy. With its refined design and the capability to preserve privacy, TALIA® VENTUS represents a typical product of Italian tradition, where attention to detail is a guarantee of quality and beauty. TALIA® VENTUS is the only louvered fencing system certified for wind load, a characteristic the latter, granted by the post and panel integration, making the system even quicker and easier to install.

TECHNICAL DETAILS

Dimensions

- > Mesh 46x132 mm
- > Horizontal TALIA® profiles
- > Vertical round bars 4 mm

Material

- > S235JR UNI EN 10025 Steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TTGST M10x30 stainless steel security bolt

Posts

- > 80x8 mm flat bar posts for concrete anchoring

Gates

- > Single, double or sliding leaf gates

APPLICATIONS

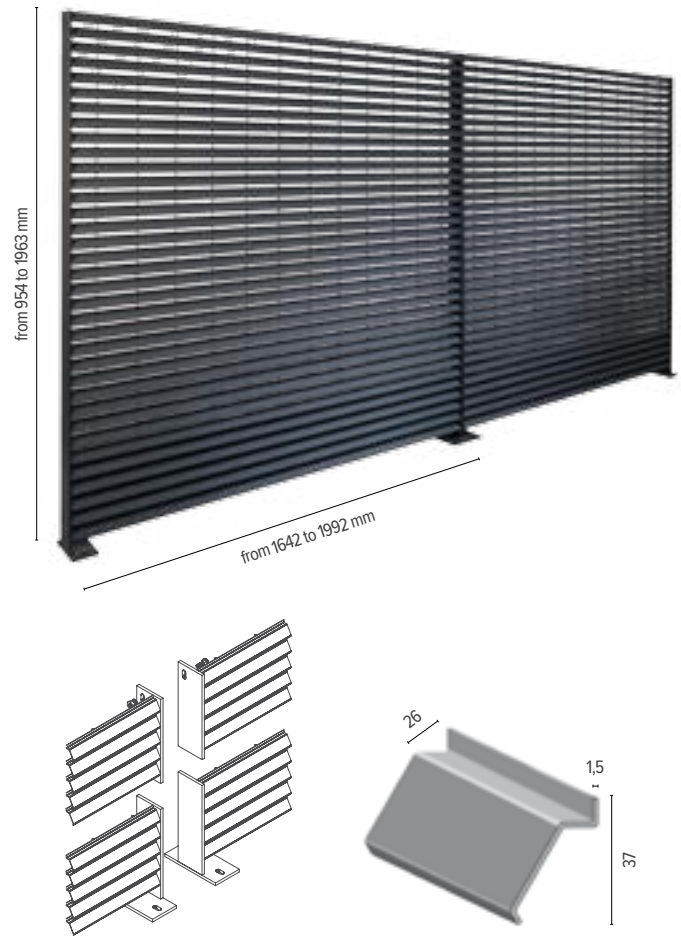
- > Luxury housing
- > Technical areas
- > Public buildings

PRODUCT SPECIFICATIONS

TALIA® VENTUS fencing consists of modular monolithic panels, 46x132 mm mesh, special section horizontal profiles (centres distance 46 mm), 4 mm diameter round vertical joining bars (centres distance 132 mm).

80x8 mm flat bar posts welded at the ends, making up one single unit ready for installation, with pre-drilled holes to fix consecutive panels. Post centres distance: 1650-2000 mm

Finish: painting with polyester resins on hot galvanized material according to UNI EN ISO 1461.



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PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
954	1650	36.9	23.5	80x8	3	1200	6.6	1001	6.2
954	2000	41.9	22.0	80x8	3	1200	6.6	1001	6.2
1596	1650	60.0	22.8	80x8	3	1850	10.2	1643	9.8
1596	2000	68.6	21.5	80x8	3	1850	10.2	1643	9.8
1963	1650	74.1	22.9	80x8	3	2300	12.7	2010	11.8
1963	2000	84.8	21.6	80x8	3	2300	12.7	2010	11.8



TALIA® SCREEN VENTUS

Product Specifications

Video



Download

Privacy first and foremost. This is the objective of TALIA® SCREEN VENTUS, which thanks to a deeper louvered profile when compared with the standard TALIA® one, ensures a lower degree of see-through visibility. However, the absolute guarantee of quality and the high aesthetic value that sets apart the whole TALIA® range, made using quality materials and the typical Made in Italy style, it remains the same. TALIA® SCREEN VENTUS is the only louvered fencing system certified for wind load, a characteristic the latter, granted by the post and panel integration, making the system even quicker and easier to install.

TECHNICAL DETAILS

Dimensions

- > Mesh 46x132 mm
- > Horizontal TALIA® SCREEN profiles
- > Vertical round bars 4 mm

Material

- > S235JR UNI EN 10025 Steel
- > COR-TEN steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Painting with polyester resins

Colours

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

Fixing system

- > TTQST M10x30 stainless steel security bolt

Posts

- > 80x8 mm flat bar posts for concrete anchoring

Gates

- > Single, double or sliding leaf gates

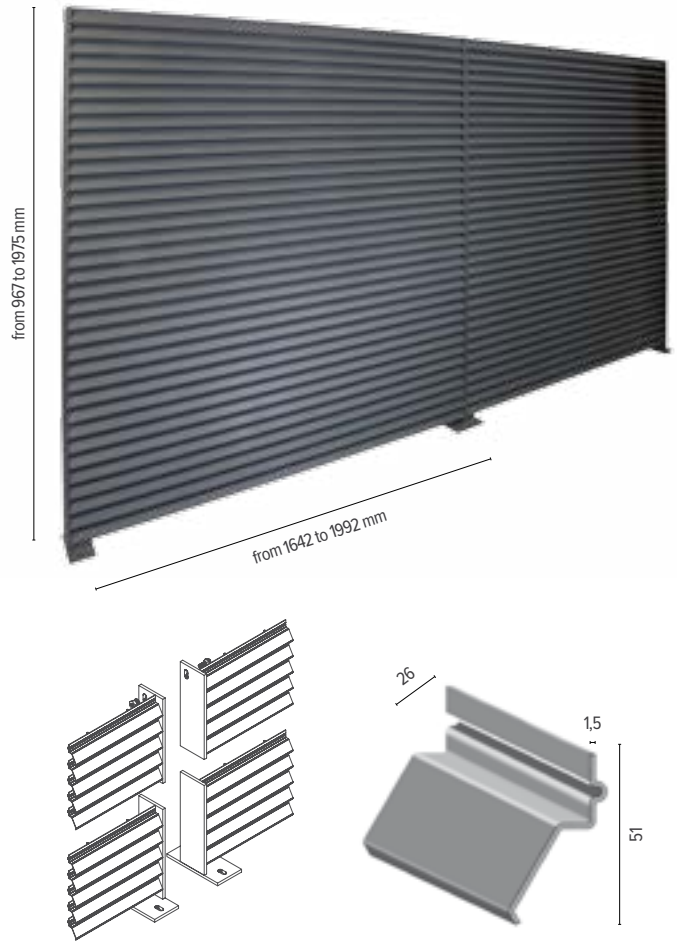
APPLICATIONS

- > Luxury housing
- > Technical areas
- > Public buildings

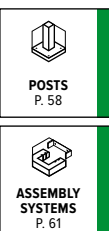
PRODUCT SPECIFICATIONS

TALIA® SCREEN VENTUS fencing consists of modular monolithic panels, 46x132 mm mesh, special section horizontal profiles (centres distance 46 mm), 4 mm diameter round vertical joining bars (centres distance 132 mm). 80x8 mm flat bar posts welded at the ends, making up one single unit ready for installation, with pre-drilled holes to fix consecutive panels. Post centres distance: 1650-2000 mm

Finish: painting with polyester resins on hot galvanized material according to UNI EN ISO 1461.



PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m²	mm	n°	mm	kg/ea	mm	kg/ea
967	1650	45.4	28.5	80x8	2	1200	6.6	1014	6.2
967	2000	52.4	27.1	80x8	2	1200	6.6	1014	6.2
1608	1650	74.0	27.9	80x8	2	1850	10.2	1655	9.8
1608	2000	85.5	26.6	80x8	2	1850	10.2	1655	9.8
1975	1650	91.2	28.0	80x8	3	2300	12.7	2022	11.8
1975	2000	105.4	26.7	80x8	3	2300	12.7	2022	11.8





TALIALIVE

TALIALIVE, LIFE AND ENVIRONMENT

Unique fencing system encompassing all the appeal of COR-TEN steel. Thanks to the ageing and oxidising processes, the steel characterising this system is a "live" material, in that its hues and nuances may change over time, thereby enhancing the architectural design with a play of light and shadow created by the cladding lamellas.

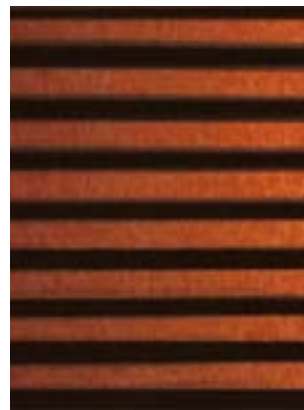
An elegant, pure, rigorous design for timeless architecture. TALIALIVE has been developed using a material that reinterprets traditional iron-working artisanship in a modern way. An original choice of high aesthetic value for design solutions.



TALIALIVE, MODERN AND EFFICIENT

With its low content of alloying elements and high mechanical strength, COR-TEN steel has become increasingly popular in modern architecture that favours not only aesthetic but also maintenance-free and long life products. TALIALIVE encompasses all the features sought after by the most advanced building technology. TALIALIVE guarantees:

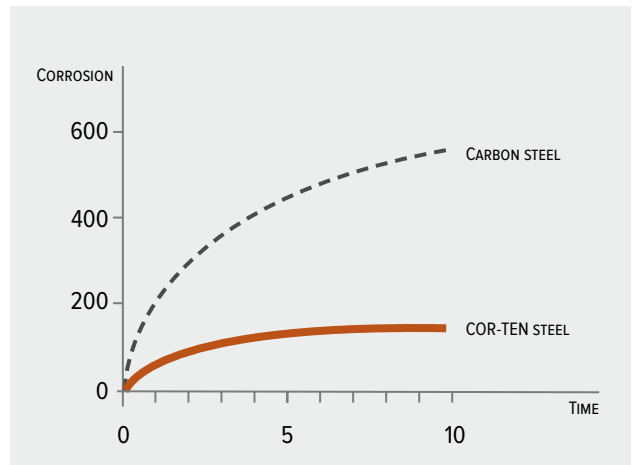
- > no maintenance costs
- > corrosion resistance five to eight times higher than carbon steel
- > high mechanical strength



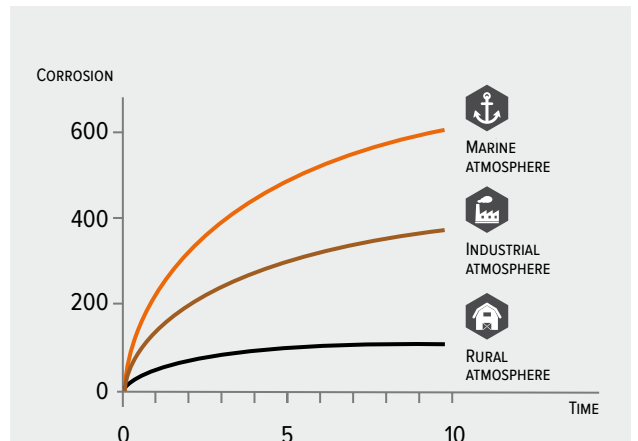
TALIA, MORE SOLUTIONS FOR YOUR PROJECT

From the development of new architectural solutions, TALIALIVE is an innovative welded "louvered" grating from the TALIA® family, designed for numerous applications: visual and environmental protection, shielding, façade cladding, curtain walling and complete fencing. The TALIA® modular system, which is obtained by welding shaped profiles and transversal wires together, features numerous strengths, namely versatility, attractive design, ease of use and installation.

The longer special louvered profile in the TALIA® SCREEN version increases the shielding characteristics and provides better protection against the wind and rain.



CARBON STEELS VERSUS COR-TEN



COR-TEN STEEL IN VARIOUS ATMOSPHERES



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ASSEMBLY
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TALIALIVE



An elegant, pure, rigorous design for timeless architecture. TALIALIVE has been developed using a material that reinterprets traditional iron-working artisanship in a modern way. An original choice of high aesthetic value for design solutions.

TALIALIVE preserves the privacy features typical of the fencing in this range. Maintenance costs are eliminated, thanks to a "live" material that, by taking on new hues and nuances with the passing of time, contributes to enhancing the overall design.

Both in the standard and the Screen version, TALIALIVE is the only louvered grating fence certified for wind protection, thanks to the post and panel integrated (welded) system, which also ensures quick and easy installation.

TECHNICAL DETAILS

Dimensions

- > Mesh 46x132 mm
- > TALIALIVE® and TALIALIVE® SCREEN horizontal/vertical profiles
- > Vertical/horizontal round bars Ø 4 mm

Material

- > COR-TEN S355JOWP steel

Coating

- > Possible pickling

Fixing system

- > TTQST M10x30 stainless steel or Nerinox security bolts

Post

- > Flat 60x7 or bespoke on demand

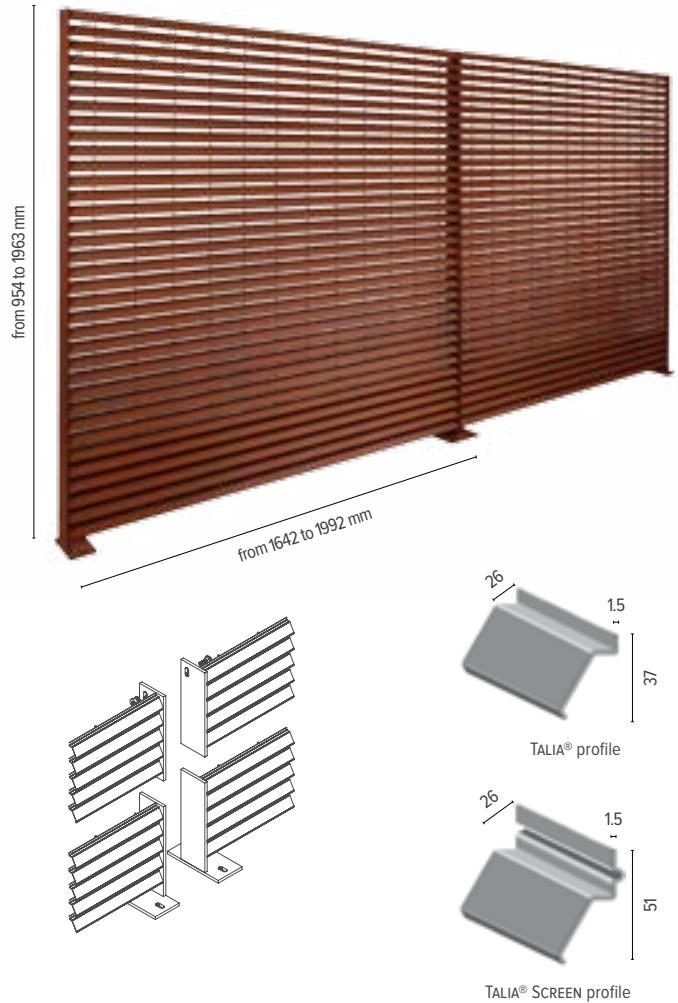
APPLICATIONS

- > Luxury housing
- > Technical areas
- > Public buildings
- > Wall cladding

PRODUCT SPECIFICATIONS

TALIALIVE and TALIALIVE SCREEN fencing is made up of modular monolithic panels, 46x132 mm mesh, special section horizontal profiles (centres distance 46 mm), Ø 4 mm round vertical joining bars (centres distance 132 mm) and 60x7 mm flat posts welded at both sides ends, making up one single unit ready for installation, with appropriate holes for fixing adjacent panels.

Centres distance: 1650-2000 mm
Material: COR-TEN steel
Coating: possible pickling

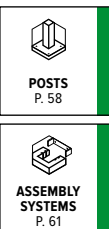
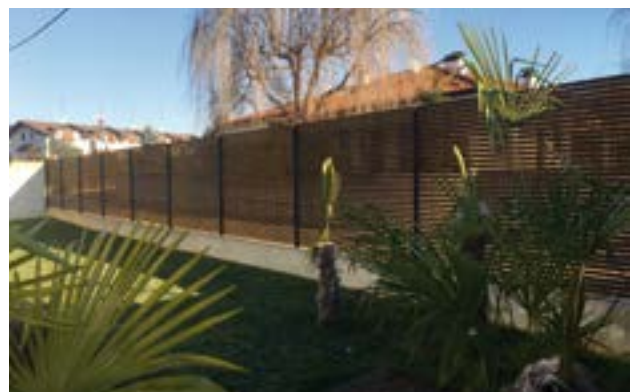


TALIALIVE

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
954	1650	32.4	20.6	60x7	3	1200	3.9	1001	3.9
954	2000	37.3	19.6	60x7	3	1200	3.9	1001	3.9
1596	1650	53.1	20.2	60x7	3	1850	6.1	1643	6.0
1596	2000	61.6	19.3	60x7	3	1850	6.1	1643	6.0
1963	1650	65.4	20.2	60x7	3	2300	7.6	2010	7.2
1963	2000	75.7	19.3	60x7	3	2300	7.6	2010	7.2

TALIALIVE SCREEN

PANEL				POST		Post to be set in concrete		Post with base plate	
H	L	Weight		Section	Fixing points	L	Weight galv.	L	Weight galv.
mm	mm	kg/ea	kg/m ²	mm	n°	mm	kg/ea	mm	kg/ea
967	1650	41.0	25.7	60x7	3	1200	3.9	1014	3.9
967	2000	47.7	24.7	60x7	3	1200	3.9	1014	3.9
1608	1650	67.1	25.3	60x7	3	1850	6.1	1655	6.0
1608	2000	78.4	24.4	60x7	3	1850	6.1	1655	6.0
1975	1650	82.4	25.3	60x7	3	2300	7.6	2022	7.2
1975	2000	96.7	24.5	60x7	3	2300	7.6	2022	7.2



GATES



We offer both standard and custom-made GATES in compliance with the highest safety and sturdiness standards, with guaranteed quality and design. They are available in four different types with CE marking.

APPLICATIONS

- > Railways
- > Industrial plants
- > Telecom sites
- > FOB (Military)
- > Airports
- > High security fences
- > Customs area
- > Boundary fences
- > Residential areas
- > Luxury housing
- > Technical areas
- > Old town centres
- > Car race tracks
- > Public buildings and schools
- > Commercial areas
- > Sports facilities

FLASH GATES

Standard sized single pedestrian or double leaf gates made by a lightweight frame system. Thanks to their simple design, affordable price and availability from stock, they are ideal for a number of various

applications. The FLASH GATES are supplied with hot-dip galvanized and powder coated profiles and wire mesh infill panels.



TAILORED GATES

Specially made to suit specific projects, they have a robust structure and are ideal for professional applications and where elegance is required. Their profiles are hot-dip galvanized and powder coated and

the infill panels match with the fencing system. Pedestrian, double swing or sliding gates are the available options.





SG GATES

Hot-dip galvanized after welding, SG GATES are customized using tubular profiles and panels matching with the fencing system: grating, tubular, profiled or ANTICLEA®. Designed for application in professional

and luxury settings, pedestrian, double swing or sliding gates are the available options. Paint coating available on request.



SPORT GATES

Gates for sports facilities complying with the space separation and security in playgrounds and sports facilities current regulations. Available for both pedestrian and vehicular use, with CE marking and

according to the UNI EN 13200 norm (on request), both in the Stadium grating version and the Stadium welded wire one.





III Wall cladding





TALIA® / SCREEN / TALIALIVE

With its many variants, the range of TALIA® fencing is the ideal solution to meet the aesthetic requirements of both new projects and the growing demand for the renovation of new building structures. The elegant linear profile blends harmoniously with all settings, from the most modern hi-tech solution to that in tune with nature. All this is possible thanks to the wide offer of finish available (hot-dip galvanized and painted) and the materials used. Among these, NUOVA DEFIM ORSOGRIL offers the exclusive TALIALIVE, which combines the unique style of TALIA® with the properties of COR-TEN steel, such as warm and "live" colours, no need of maintenance, an advantage that is particularly appreciated for installations at height altitude.

The TALIA® profile is available in the STANDARD and SCREEN versions to meet different shielding requirements. The panels are installed in collaboration with the technical office, using either standard products, or custom solutions for specific projects. The lack of surface finish in the TALIALIVE version speeds up delivery times and makes it possible to make on-site corrections, without compromising aesthetics.

TECHNICAL DETAILS

Dimensions

- > Mesh 46x132 mm
- > TALIA® and TALIA® SCREEN horizontal/vertical profiles
- > Vertical/horizontal round bars Ø 4 mm

Material

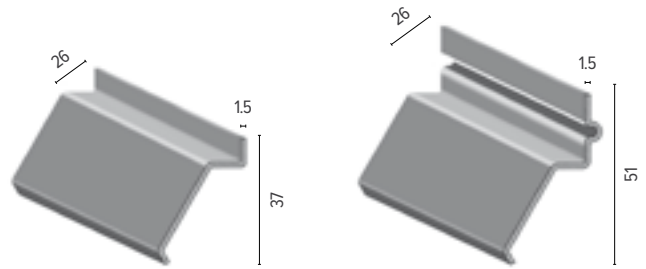
- > S235JR UNI EN 10025 steel
- > COR-TEN steel S355 JOWP

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Polyester powder coating
- > Possible oxidation aid by pickling (COR-TEN)

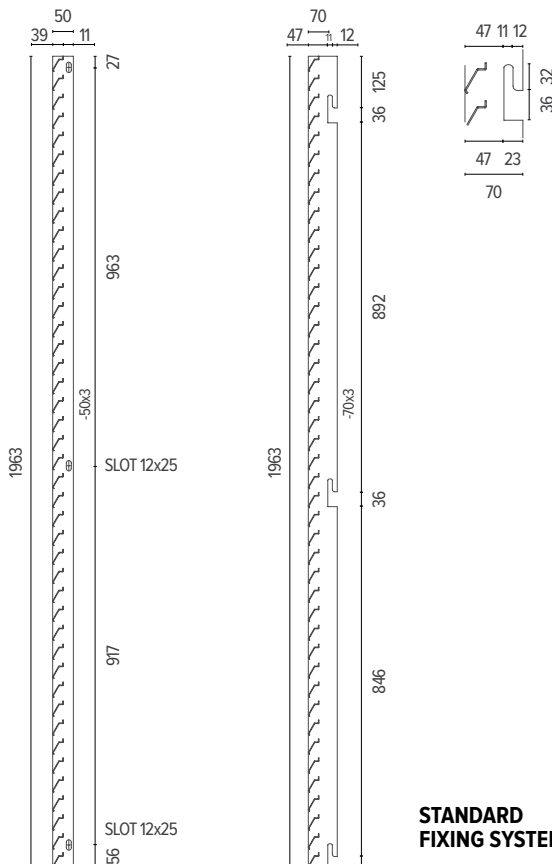
PRODUCT SPECIFICATIONS

Wall cladding system consisting of S235JR slatted steel or COR-TEN steel, 46x132 mesh size, welded to 4 mm diameter vertical round bars.



TALIA® profile

TALIA® SCREEN profile



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ASSEMBLY SYSTEMS
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TETI is the new exclusive wall cladding system by NUOVA DEFIM ORSOGRIL made up of shaped metal profiles welded to 4 mm diameter vertical round bars. It is available with both solid and micro-perforated profile version, which enhances permeability and elegance. The unframed panel can be fixed directly to the structure. This characteristic makes the installation quick, cost-effective and versatile for original projects.

TECHNICAL DETAILS

Dimensions

- > Mesh 116x200 mm
- > Horizontal profiles
- > Vertical round bars 4 mm

Material

- > S235JR UNI EN 10025 steel (solid profile)
- > S235JR UNI EN 10025 Sendzimir steel (micro-perforated profile)

Coating

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

Fixing system

- > From front with self-tapping screws

PRODUCT SPECIFICATIONS

TETI wall cladding system consists of modular monolithic panels, mesh size 116x200 mm, special section horizontal profiles (centres distance 116 mm), 4 mm diameter round bar vertical connections (centres distance 200 mm).

SOLID PROFILE

Material: S235JR UNI EN 10025 steel

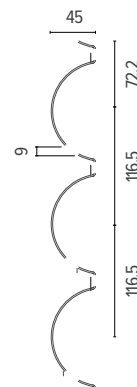
MICRO-PERFORATED PROFILE

Material: S235JR UNI EN 10025 Sendzimir steel.

Finish: polyester powder coating on hot-dip galvanized material according to UNI EN ISO 1461, or on Sendzimir steel.

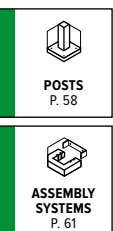
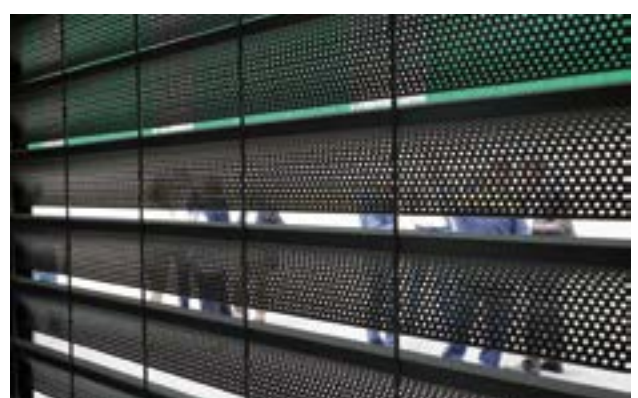
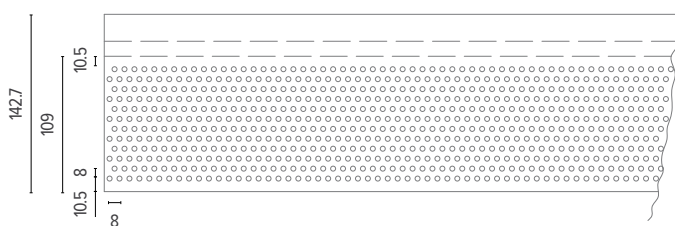
Front fixing system with self-tapping screws. The use of a fixing element per profile is recommended.

Panel sizes 5500x1972 mm.



PANEL				MESH		CROSS WIRE
H	L	Weight		H	L	Ø
mm	mm	kg/ea	kg/m ²	mm	mm	mm
1972	5500	167.7	15.5	116	200	5

MICRO-PERFORATED PROFILE





VERTICAL SEMI-FINISHED GRATING

As a complement to the assortment of fencing products, NUOVA DEFIM ORSOGRIL offers a large number of semi-finished products in standard sizes (see table), with self-colour or hot-dip galvanized finish, for metal fabricators, blacksmiths and steel stockholders that wish to customise their fencing, steelworks, wall cladding project.

TECHNICAL DETAILS

Material

- > S235JR UNI EN 10025 steel
- > COR-TEN steel

Coating

- > Hot-dip galvanizing according to UNI EN ISO 1461
- > Possible pickling (COR-TEN)



TIPO	PANEL			MESH		BEARING BAR		CROSS WIRE	PACKAGING
	H mm	L mm	Weight kg/ea	A mm	B mm	H mm	S mm	Ø mm	no. pieces
DIONE	6000	1136	77.8	42	44	25	2	4	10
DANAE	5900	1136	64.9	42	132	25	2	4	10
PLEIONE	5900	1552	71.2	62	66	25	2	4.5	10
	5900	1862	85.0	62	66	25	2	4.5	10
STEROPE 2	5900	1552	63.2	62	132	25	2	4.5	10
	5900	1862	75.5	62	132	25	2	4.5	10
STEROPE 3	5900	1553	92.3	62	132	25	3	4.5	10
	5900	1863	110.2	62	132	25	3	4.5	10
BRITOSTEROPE	5900	1864	180.9	62	132	30	4	6	10
TALIA	5400	1596	117.9	46	132	sp. 1.5		4	5
	5400	1963	145.0	46	132			4	5
	6100	1596	130.8	46	132			4	5
	6100	1963	160.8	46	132			4	5
TALIA SCREEN	5400	1610	154.7	46	132	sp. 1.5		4	5
	5400	1975	190.0	46	132			4	5
	6100	1610	171.6	46	132			4	5
	6100	1975	210.7	46	132			4	5
TETI	5500	1972	163.5	116	200	sp. 1.5		4.5	5
TETI MICRO-PERFORATED 1 SENDZIMIR	5500	1972	152.6	116	200	sp. 1.5		4.5	5
MEROPE	5990	1862	54.7	124	62	25	2	4.5	10
ANTICLEA	6100	1000	77.1	ANTICLEA		25	6	12	5
	6100	1200	86.8			25	6	12	5
	6100	1500	101.5			25	6	12	5
	6100	1800	130.2			25	6	12	5
	6100	2000	140.0			25	6	12	5

