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**NUOVA DEFIM
ORSOGRILL**
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III Fencing

Tradition and new horizons



Download



FENCING

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download-area](http://www.nuovadefim.com/it/content/download-area)

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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

Materials

- > S235 JR 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 62
- > Universal MP clip for square post (International Patent)
- > Crab-type clip for round post

Gates

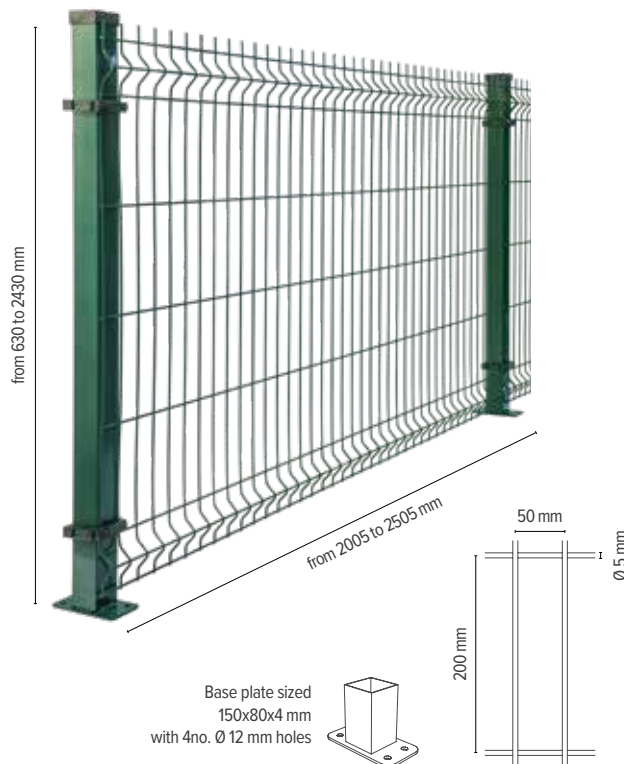
- > Single, double or sliding leaf gates

APPLICATIONS

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

PRODUCT SPECIFICATIONS

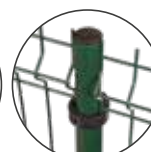
Electro-welded wire mesh panels made of 5 mm nominal diameter steel wire with horizontal profiles. Mesh size 200 x 50 mm. For panel widths and heights, see the table below. Post centre-to-centre distance: square section 2010/2065 and 2510/2565 mm; round section 2015/2045 and 2515/2545 mm. Installation with universal MP or crab-type clips for respectively square or round tube posts.



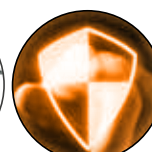
Base plate sized
150x80x4 mm
with 4no. Ø 12 mm holes



60x60 mm
square post



Ø 40 mm
round post



MACS System
> see pages 56-57

> see page 60

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
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
	2505	10,9	4,2	60x60		1300	3,8	1100	3,6
				Ø 40		1300	2,0	1100	2,1
1230	2005	10,2	4,1	60x60	2	1500	4,4	1300	4,2
				Ø 40		1500	2,3	1300	2,4
	2505	12,7	4,1	60x60		1500	4,4	1300	4,2
				Ø 40		1500	2,3	1300	2,4
1530	2005	13,5	4,4	60x60	3	1800	5,3	1600	5,1
				Ø 40		1800	2,8	1600	2,8
	2505	16,8	4,4	60x60		1800	5,3	1600	5,1
				Ø 40		1800	2,8	1600	2,8
1730	2005	14,4	4,2	60x60	4	2000	5,9	1800	5,7
				Ø 40		2000	3,1	1800	3,2
	2505	17,9	4,1	60x60		2000	5,9	1800	5,7
				Ø 40		2000	3,1	1800	3,2
2030	2005	17,7	4,3	60x60	4	2300	6,8	2100	6,6
				Ø 40		2300	3,5	2100	3,6
	2505	21,3	4,2	60x60		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	-	-
	2505	22,5	3,7	60x60		2700	8,0	-	-



RECINTHA® N/L YOUNG

Elegant and refined fence, RECINTHA® N/L Young maintains the basic model design, provided with horizontal profiles to transmit a sense of pleasantness in the property delimitation. Thanks to the 2500 mm span and its visual lightness, this design fits harmoniously in contexts where there are large boundaries to fence with charm and discretion.

The modular structure and the patented joint make of it a sturdy fence, extremely adaptable and quick to be installed. It is available either in the classic version with a 60x60 mm square post or with a 40 mm diameter round post galvanized and polyester powder painted in green color Ral 6005 for an easy matching with the surrounding vegetation.

TECHNICAL DETAILS

Dimensions

- > Mesh: 55,5 x 200 mm
- > Vertical wire diameter 4 mm
- > Horizontal wire diameter 5 mm

Material

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

Coating

- > Painted with Polyester powders

Colours

- > Green RAL 6005

Fixing system

- > see page 62
- > Universal MP clip for square tube post (International Patent)
- > "Crab" clip for round tube post

Gates

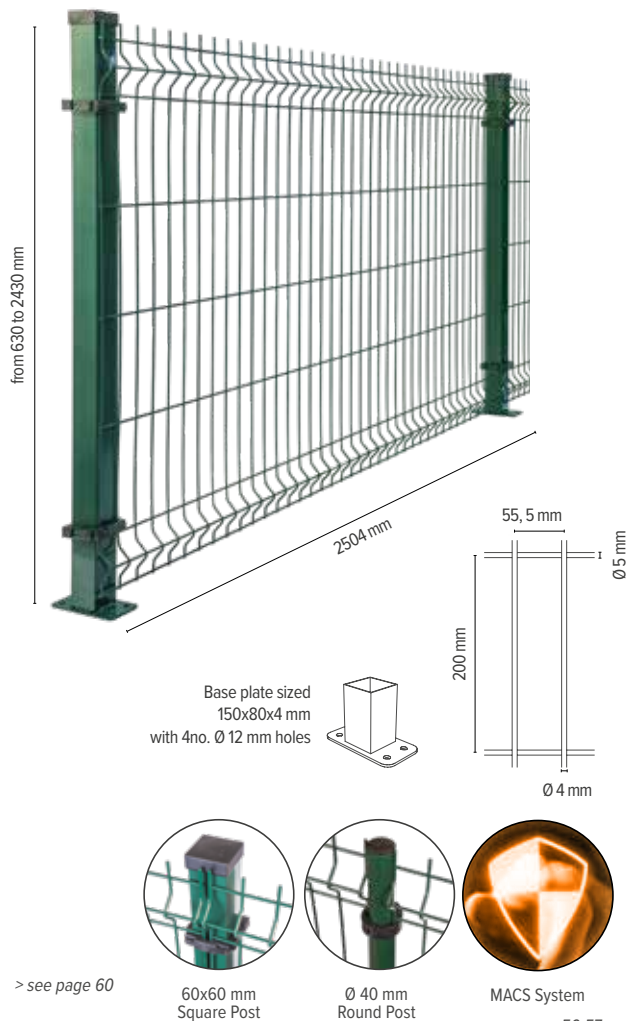
- > Single, double or sliding leaf gates

APPLICATIONS

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

PRODUCT SPECIFICATIONS

Electro-welded mesh panels made of 4 mm nominal diameter vertical steel wires and 5 mm nominal diameter horizontal steel wires with horizontal profiles. Mesh size 200x55,5 mm. For panel widths and heights, see the table below. Post centre-to-centre distance: square section 2510/2565 mm; round section 2515/2545 mm. Installation with universal MP or crab-type clips for respectively square or round tube posts.



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
630	2504	7,3	4,6	60x60	2	900	2,6	700	2,4
				Ø 40		900	1,4	700	1,5
830	2504	9,1	4,4	60x60	2	1100	3,2	900	3,0
				Ø 40		1100	1,7	900	1,8
1030	2504	10,9	4,2	60x60	2	1300	3,8	1100	3,6
				Ø 40		1300	2,0	1100	2,1
1230	2504	12,7	4,1	60x60	2	1500	4,4	1300	4,2
				Ø 40		1500	2,3	1300	2,4
1530	2504	16,8	4,4	60x60	3	1800	5,3	1600	5,1
				Ø 40		1800	2,8	1600	2,8
1730	2504	17,9	4,1	60x60	4	2000	5,9	1800	5,7
2030	2504	21,3	4,2	60x60	4	2300	6,8	2100	6,6
2430	2504	22,5	3,7	60x60	4	2700	8,0	-	-



	POSTS P. 60
	ASSEMBLY SYSTEMS P. 62
	CAPS P. 65
	RECINTHA ACCESSORIES® P. 66
	ALARM SYSTEM P. 69

RECINTHA® 202

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

Materials

- > S235JR UNI EN 10025
- > Steel

Coating

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

Colours

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

Fixing system

- > Universal MP joint > see page 62
- > Cover plate with security bolts (only with Omega post) > see pages 60-61

Gates

- > Single, double or sliding leaf gates

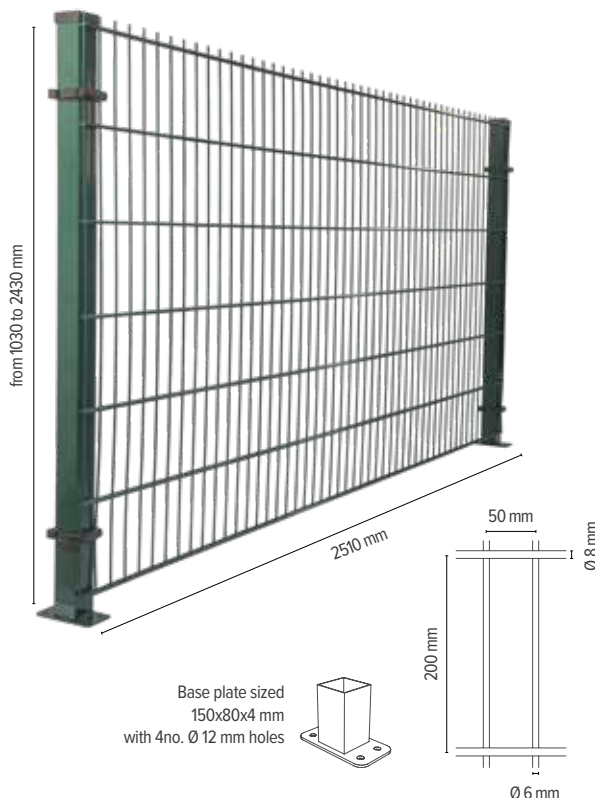
APPLICATIONS

- > 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.

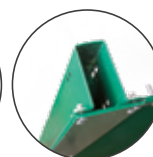
Post centre-to-centre distance: 2540 mm with Omega post, 2510 mm with square post section.



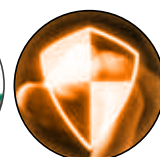
Base plate sized
150x80x4 mm
with 4no. Ø 12 mm holes



60x60 mm
square post



60x40x25 mm or
120x60x30 mm
Omega post



MACS System
> see pages 56-57

> see pages 61-62-66

POSTS P. 60
ASSEMBLY SYSTEMS P. 62
CAPS P. 65
RECINTHA ACCESSORIES® P. 66
ALARM SYSTEM P. 69

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/m²	mm	mm	n°	mm	kg/ea	mm	kg/ea
1030	2510	22,5	8,7	60x40x25	-	12	1500	10,5	1080	9,9
				-	60x60	3	1280	3,8	1080	3,6
1230	2510	26,9	8,7	60x40x25	-	12	1700	12,1	1280	11,3
				-	60x60	3	1480	4,4	1280	4,2
1430	2510	31,2	8,7	60x40x25	-	12	2000	14,2	1480	12,4
				-	60x60	3	1680	5,0	1480	4,8
1630	2510	35,6	8,7	60x40x25	-	16	2200	15,8	1680	14,0
				-	60x60	4	1880	5,6	1680	5,4
1830	2510	40,0	8,7	60x40x25	-	16	2400	17,4	1880	15,5
				-	60x60	4	2080	6,2	1880	6,0
2030	2510	44,3	8,7	60x40x25	-	16	2600	19,0	2080	17,1
				-	60x60	4	2280	6,8	2080	6,6
2230	2510	48,7	8,7	120x60x30	-	20	2800	33,6	2080	35,1
				-	60x60	4	2780	8,3	-	-
2430	2510	53,1	8,7	120x60x30	-	20	3000	36,2	2480	37,8
				-	60x60	4	2780	8,3	-	-



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

Materials

- > 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 62

- > Universal MP Joint for square post (International Patent)
- > Crab-type clip for round post

Gates

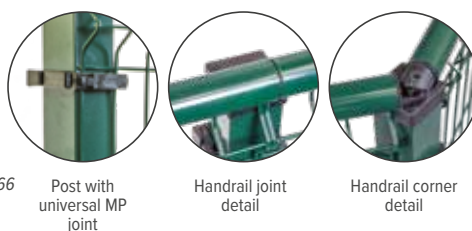
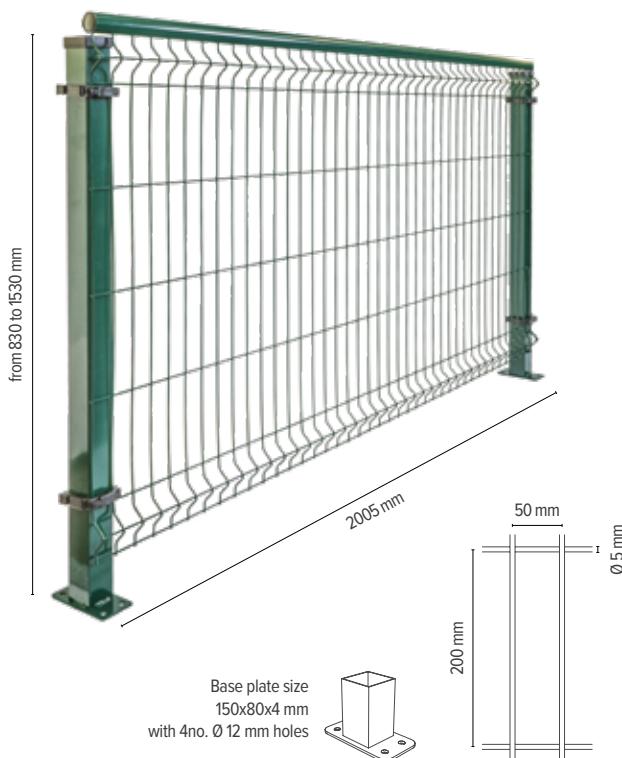
- > Single, double or sliding leaf gates

APPLICATIONS

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

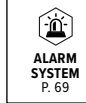
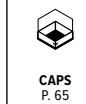
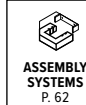
PRODUCT SPECIFICATIONS

Modular panels made of 5 mm welded wires. Mesh size 50x200 mm, with no sharp edges, topped by a 38mm 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.



> See pages 60-62-66

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
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



RECINTHA® SAFETY

This is a high security 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. The result of the collaboration with our technological partner TSEC is the new born fence called RECINTHA SAFETY MACS; this "smart fence" brings the perimeter security to the highest levels, thanks to the physical barrier integration with modern electronic processes.

TECHNICAL DETAILS

Dimensions

- > Mesh 12,7x76,2 mm
- > Wire Ø 4 mm

Materials

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

Coating

- > Polyester powder coating

Colours

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

Fixing system

- > Cover plate with anti-theft bolts
- > Mesh clips with anti-theft bolts

Gates

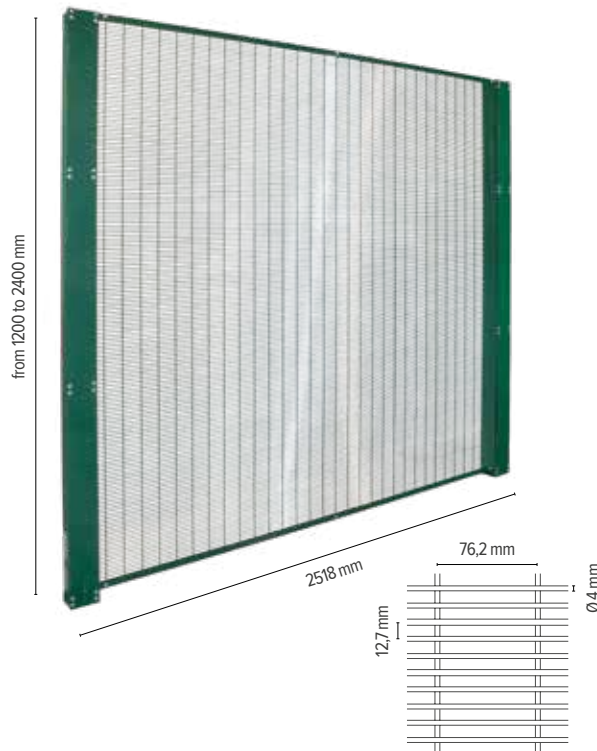
- > Single, double or sliding leaf gates

APPLICATIONS

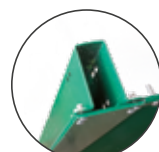
- > Residential areas
- > Industrial areas
- > Commercial areas
- > Railways
- > Telecommunication sites
- > Military sites
- > High security fencing
- > Airport and custom area
- > Border lines

PRODUCT SPECIFICATIONS

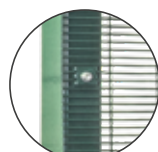
Electro welded mesh panel made of Ø 4 mm hot dip galvanized or zinc aluminum steel wire. Mesh size 12,7x76,2 mm. For panel widths and heights, see the table. Symmetric Omega profile posts with 90x4 mm and 120x4 mm cover plate. Stainless steel cup head square neck bolts and with security self-shearing nuts. Post centres distances: 2550 mm using Omega section 60x40x25x3 mm and 2580 mm with Omega section 120x60x30x3 mm. Thermosetting resins polyester powder coating.



> vsee pages 60-61-62-66



Omega post
60x40x25x3 mm
120x60x30x3 mm
with cover plate



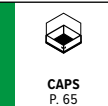
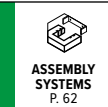
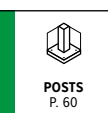
Fastening with
mesh clips



Optional
reinforcement railing



MACS System
> see pages 56-57



PANEL				POST		Post to be set in concrete	
H	L	Weight		Omega Section	Fixing points	L	Weight galv.
mm	mm	Kg/ea	kg/m²	mm	n°	mm	Kg/ea
1200	2518	25,7	8,5	60x40x25	12	1700	12,0
1400	2518	30,0	8,5	60x40x25	12	1900	13,6
1600	2518	34,2	8,5	60x40x25	16	2100	15,2
1800	2518	38,5	8,5	60x40x25	16	2400	17,3
2000	2518	42,8	8,5	60x40x25	16	2600	18,9
2200	2518	47,1	8,5	120x60x30	20	2800	35,3
2400	2518	51,4	8,5	120x60x30	24	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/m²	mm	n°	mm	Kg/ea
1400	2518	30,0	8,5	120x60x2	3	1900	10,7
1600	2518	34,2	8,5	120x60x2	4	2100	11,8
1800	2518	38,5	8,5	120x60x2	4	2400	13,5
2000	2518	42,8	8,5	120x60x2	4	2600	14,6
2200	2518	47,1	8,5	120x60x2	5	2800	15,8
2400	2518	51,4	8,5	120x60x2	6	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

Materials

- > Steel S235 JR UNI EN 10025

Coating

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

Colours

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

Gates

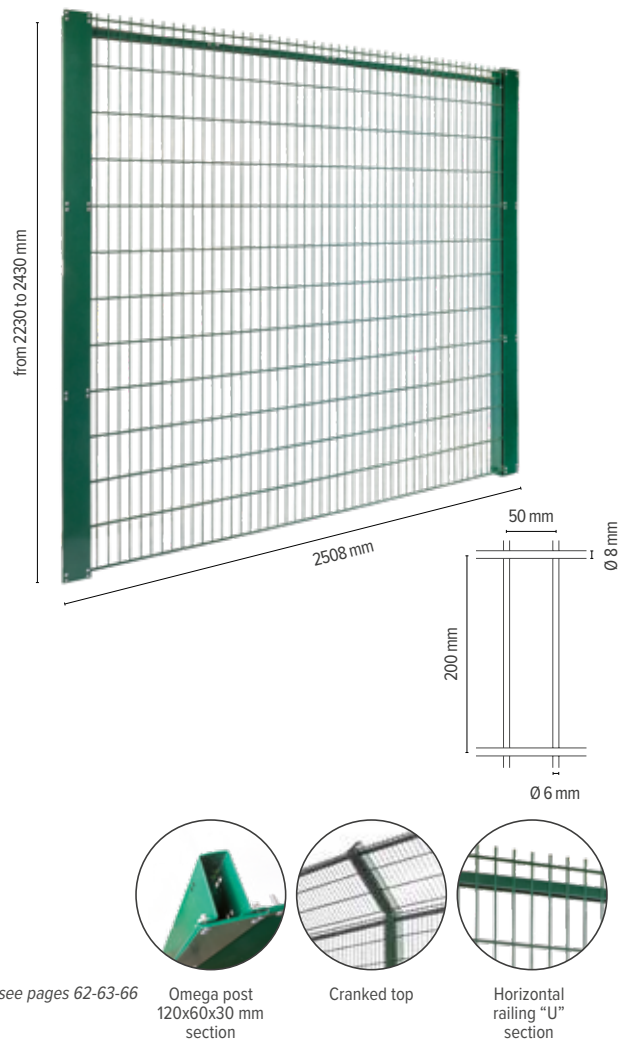
- > Safety gates built in compliance of the applicable laws on football fields and stadiums partitions.

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 and painting polyester powder coated. Post centers distance : 2570 mm.



> see pages 62-63-66

Omega post
120x60x30 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/m²	mm	n°	mm	Kg/ea	mm	Kg/ea
2230	2508	42,9	8,7	120x60x30	20	3000	35,4	-	-
2430	2508	46,7	8,7	120x60x30	20	3000	36,2	-	-
2230+630	2508	42,9	8,7	120x60x30	24	2780+650	41,1	-	-



POSTS
P. 60

**ASSEMBLY
SYSTEMS**
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CAPS
P. 65

**RECINTHA
ACCESSORIES®**
P. 66

DEFENDER HD PLUS

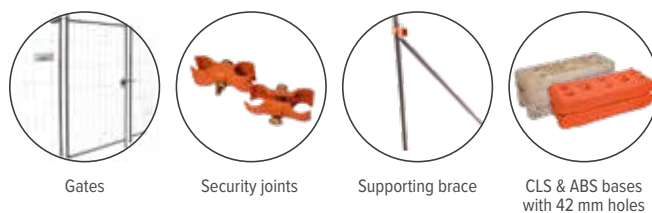
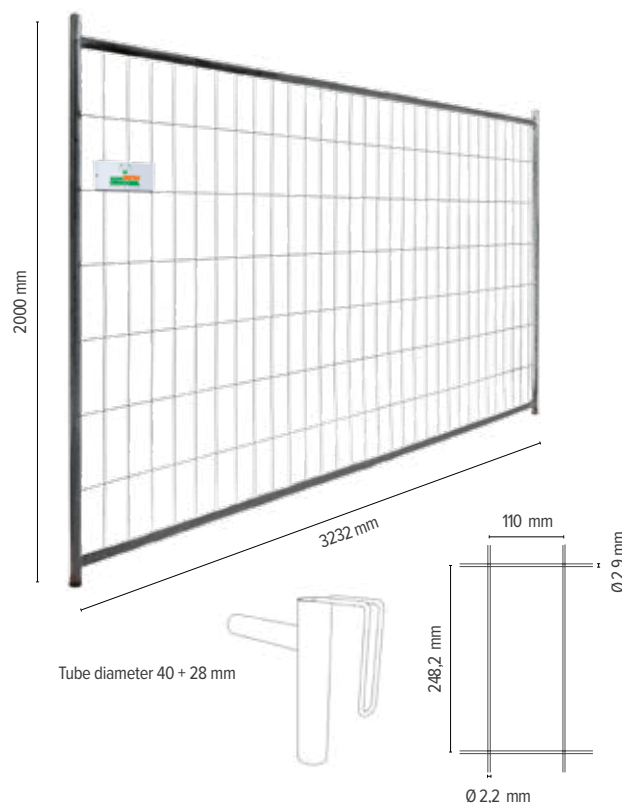
DEFENDER is the ideal solution to protect construction sites, special events areas and more generally any locations where temporary demarcation is necessary. The fixing system used between the horizontal and vertical tubes, ensures high standards of strength and durability. Panel length of 3232 mm has been designed to fit more panels in the truck. 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 and music events
- > Trade fairs

PRODUCT SPECIFICATIONS

Defender HD PLUS working site temporary fence, is made respectively by 40 mm diameter (vertical) & 28 mm diameter (horizontal) pregalvanized tubular frame. To prevent potential injuries, the wire mesh panel infill, is welded in the internal side of the perimeter tubes and counts on 2.9 mm diameter horizontal wires at 248,2 mm centres and 2.2 mm diameter vertical wires at 110 mm centres, galvanized according to the UNI EN 10244-2 norm. The 600x235x130 mm concrete base, is provided with eight holes to suit the vertical profiles size.



PANEL			MESH		TUBE	BASE
H	L	Weight	H	L	Ø	Weight
mm	mm	Kg/ea	mm	mm	mm	Kg/ea
2000	3232	11	248,2	110	40 + 28	29



DEFENDER PEOPLE

DEFENDER PEOPLE comes from our experience developed in the work sites safety. This fence has been specially designed to surround temporary events areas to help carrying out either leisure or sport events in absence of risk. Rapid installation and a good view through, thanks to the vertical tubes infill, are DEFENDER PEOPLE main characteristics.

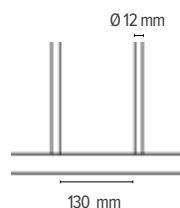
APPLICATIONS

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

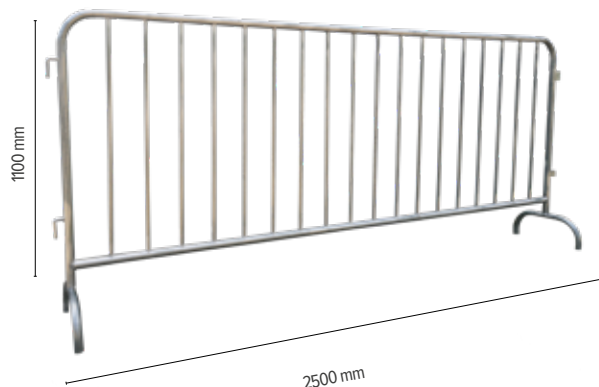
PRODUCT SPECIFICATIONS

Mobile barrier 1100 mm high and 2500 mm wide made by a sharp edges free galvanized tubular frame Ø 32 mm completed with welded round vertical tubes Ø 12 mm at 130 mm centers distance. Easy installation with removable shaped tube feet. Panel provided with two welded hooks for sequential runs.

PANEL		MESH	PANELING TUBE	FRAME TUBE
H	L	centers distance	Ø	Ø
mm	mm	mm	mm	mm
1100	2500	130	12	32



Round tube frame section
32 mm diameter



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.

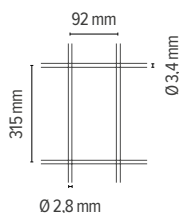


CLS & ABS bases
with 42 mm holes



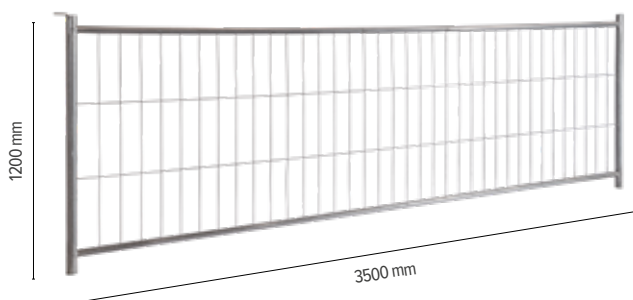
Security joints

> see pages 67-68



Tubes diameter:
vertical 40 mm
and horizontal 30 mm

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



DEFENDER CITY

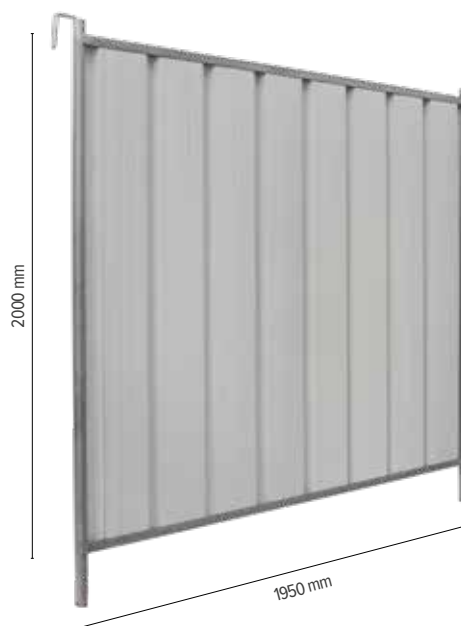
DEFENDER CITY ensures the site privacy and gives a specific connotation to your project. The panels are available in either pregalvanized or prepainted gray colour finish; additional colours to suit different aesthetic contexts or to comply with specific municipal regulations are available upon request.

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 pregalvanized or prepainted finished steel corrugated sheet. The fence supports are in CLS (cement) or CLS orange colour plastic coated.



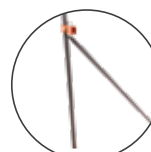
Tubes diameter:
40 mm



Gates



Security joints



Supporting brace

CLS & ABS bases
with 42 mm holes

> see pages 67-68

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 at 117 mm centres distance
- > Top and bottom horizontal U profiles 25x50x25x2 mm

Material

- > Steel S235 JR UNI EN 10025

Coating treatment

- > 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 M10x30 security bolts

Posts

- > Flat bar 60x7 mm

Cancelli

- > 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.



> see page 61

Top conified tubes 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/m²	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



POSTS
P. 61



ASSEMBLY
SYSTEMS
P. 64

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 provide 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 at 117 mm centres distance
- > Top and bottom horizontal U profiles 25x50x25x2 mm

Material

- > Steel S235 JR 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 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.



> see page 61

Vertical tubes and horizontal railing detail

Flat bar post 60x7 mm



POSTS
P. 61



ASSEMBLY
SYSTEMS
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/m²	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



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
- > 12mm vertical bars at 110 mm centres distance

Material

- > Steel S235 JR 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

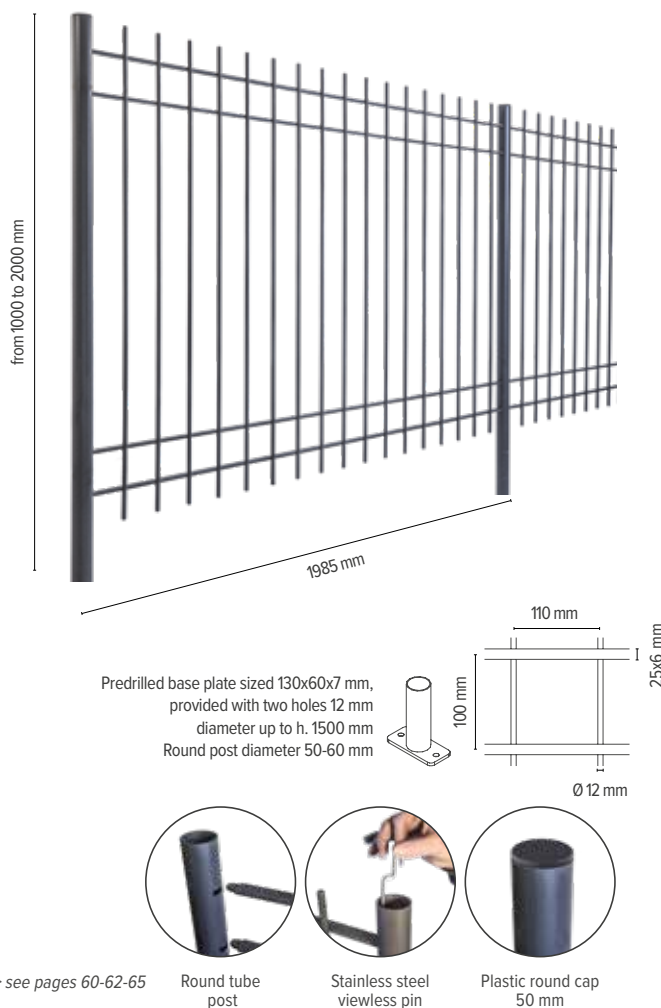
APPLICATIONS

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

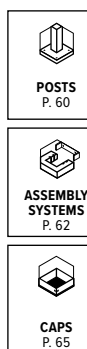
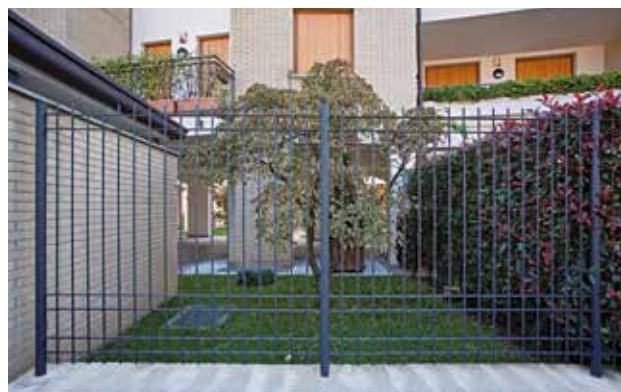
PRODUCT SPECIFICATIONS

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.



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
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



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 16 mm with top lily ends at 110 mm centres distance
- > Top and bottom horizontal U profiles 20x30x20x3

Material

- > Steel S235 JR 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

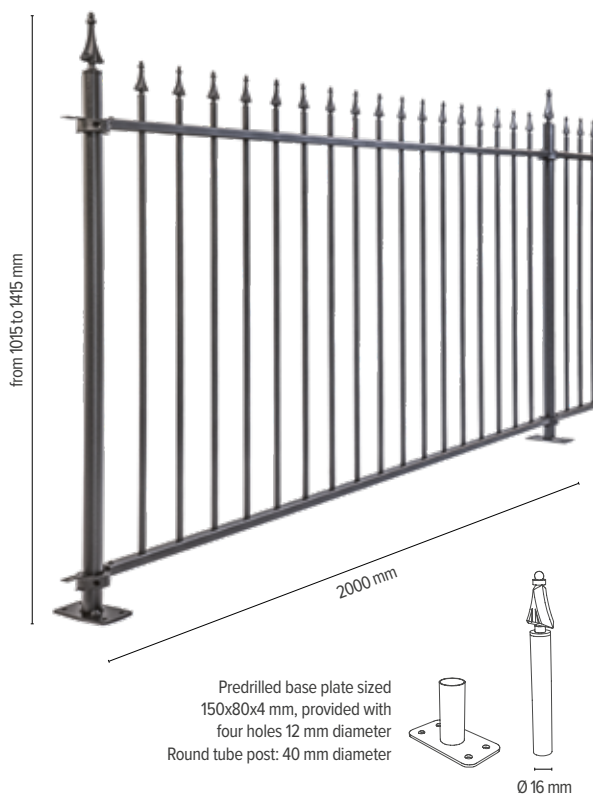
- > Single, double or sliding leaf gates

APPLICATIONS

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

PRODUCT SPECIFICATIONS

RECINTHA® GIGLIO railing fence modular standard panels are made up of vertical tubes 16 mm diameter, with top lily ends at 112 mm centres distance, completed with top and bottom horizontal "U" profiles sections 30x20x2 mm, provided with a drilled lug to join panels to 40 mm diameter posts.

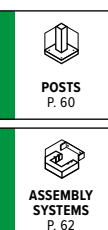


Top Lily ends



Crab-type joint

> see pages 60-62



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
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 product, 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 a classic flat bar 60x7 mm or 80x8 mm classic flat bar.

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
- > TTQST M10X30 stainless steel security bolt

Posts

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

Gates

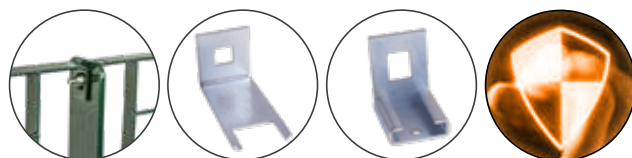
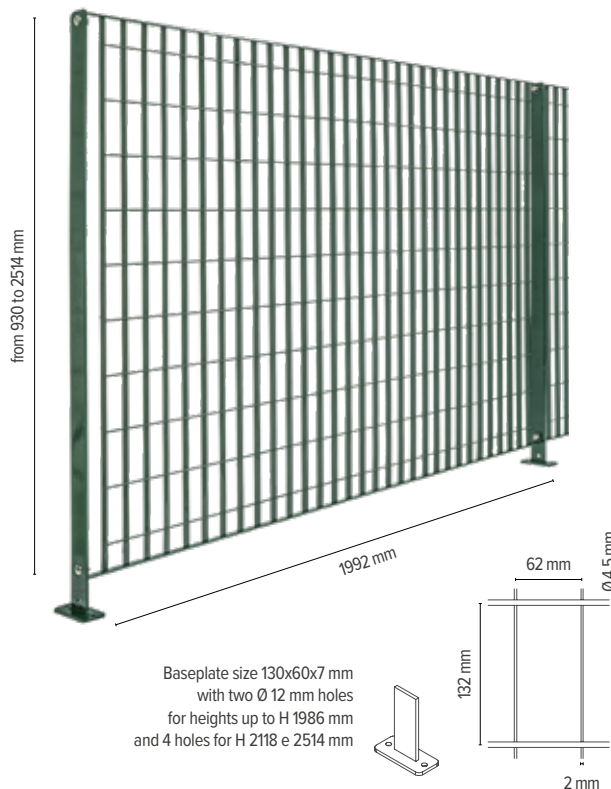
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial 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 62x32 mm with 25x2 mm vertical flat bars (centres distance 62 mm) and 4,5 mm diameter horizontal round bars (centre 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



Flat bar post
60x7 mm

Intermediate fixing
brackets only for
H 1986, 2118 e 2514 mm

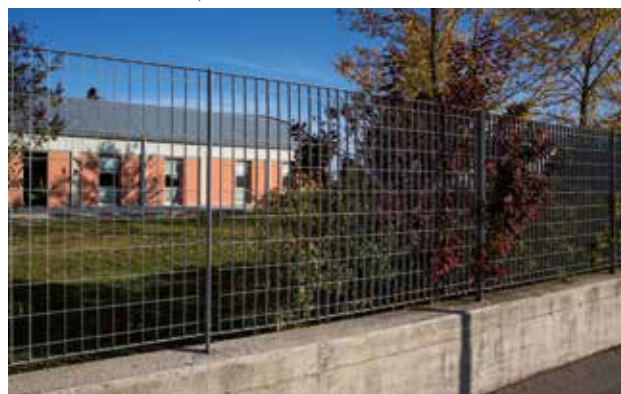
Adjusting bracket
(straight)

MACS System

> see pages 56-57

see pages 61-62

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/cad	kg/m²	mm	n°	mm	Kg/ea	mm	Kg/ea
930	1992	16,27	8,78	60x7	2	1210	4,4	1011	4,2
1194	1992	19,96	8,39	60x7	2	1494	5,4	1275	5,2
1326	1992	21,82	8,26	60x7	2	1625	5,9	1407	5,7
1458	1992	23,64	8,14	60x7	2	1758	6,4	1539	6,1
1722	1992	27,34	7,97	60x7	2	2015	7,3	1803	7,1
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



POSTS
P. 61



ASSEMBLY
SYSTEMS
P. 62



ALARM
SYSTEMS
P. 69

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 a 60x7 or 80x8 mm classic flat bar.

TECHNICAL DETAILS

Dimensions

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

Material

- > S235 JR 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

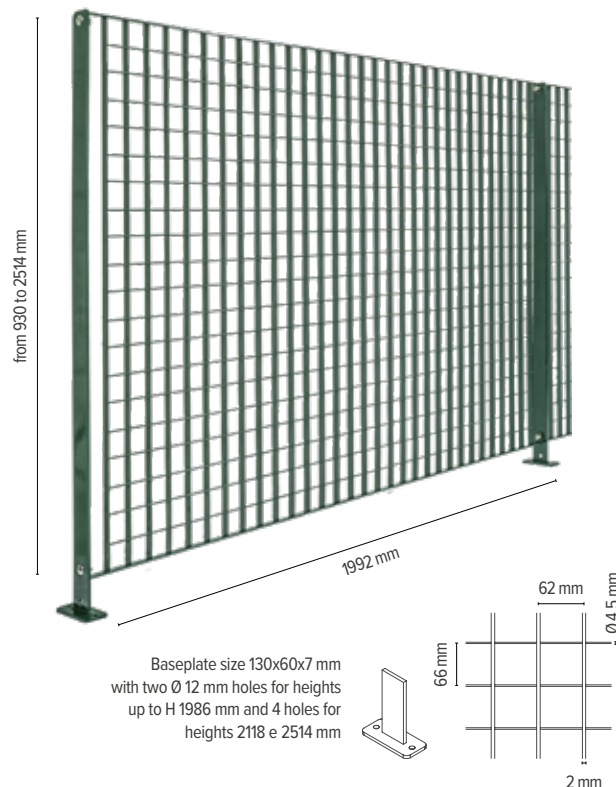
- > Single, double or sliding leaf gates

APPLICATIONS

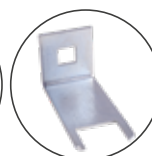
- > Industrial areas
- > Residential areas
- > Commercial areas
- > Public buildings

PRODUCT SPECIFICATIONS

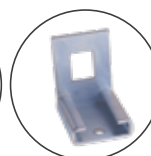
PLEIONE® electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height ofmm, width 1992 mm, mesh size 62x66 mm with 25x2 mm vertical flat bars (centres distance 62 mm) and 4.5 mm diameter horizontal round bars (centres distance 66 mm). The 25x4 mm 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



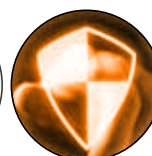
Flat bar post
60x7, 80x8 mm



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



Adjusting
bracket (straight)



MACS System
> see pages 56-57

> see pages 61-62

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	17,91	9,67	60x7	2	1210	4,4	1011	4,2
1194	1992	22,07	9,28	60x7	2	1494	5,4	1275	5,2
1326	1992	24,14	9,14	60x7	2	1625	5,9	1407	5,7
1458	1992	26,23	9,03	60x7	2	1758	6,4	1539	6,1
1722	1992	30,39	8,86	60x7	2	2015	7,3	1803	7,1
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. 61



ASSEMBLY
SYSTEMS
P. 62



ALARM
SYSTEMS
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BRITOSTEROPE®

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

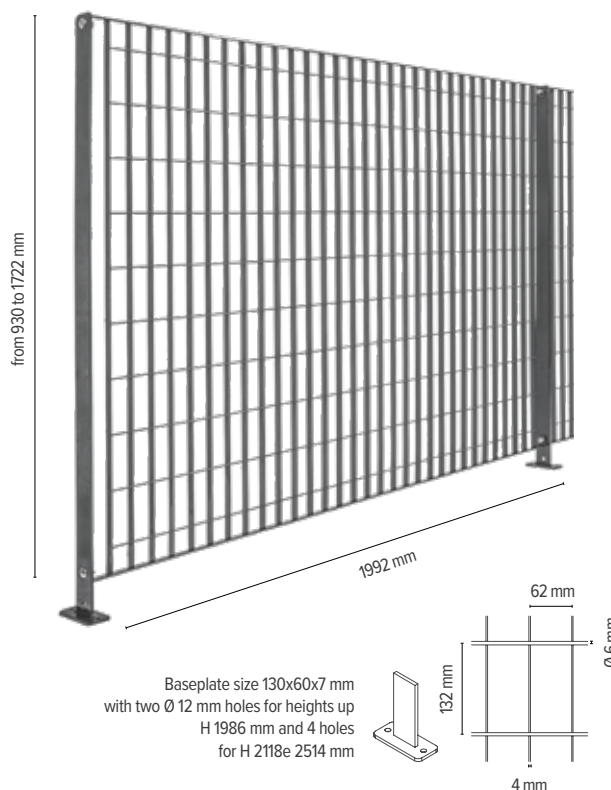
- > Single, double or sliding leaf gates

APPLICATIONS

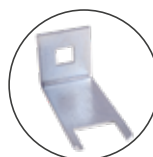
- > Industrial facility
- > Airports
- > Military sites
- > Infrastructures
- > Industrial areas
- > Residential areas
- > Custom areas

PRODUCT SPECIFICATIONS

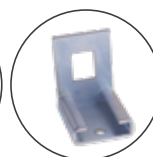
BRITOSTEROPE® electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of mm, width 1992 mm, mesh size 62x132 mm, with 30x4 mm vertical flat bar (centres distance 62 mm) and 6 mm diameter horizontal round bars (centres distance 132 mm). The 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



Flat bar post
60x7 mm



Intermediate fixing
brackets only for H 1986,
2118 e 2514 mm



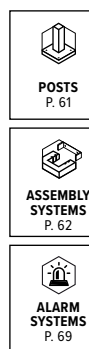
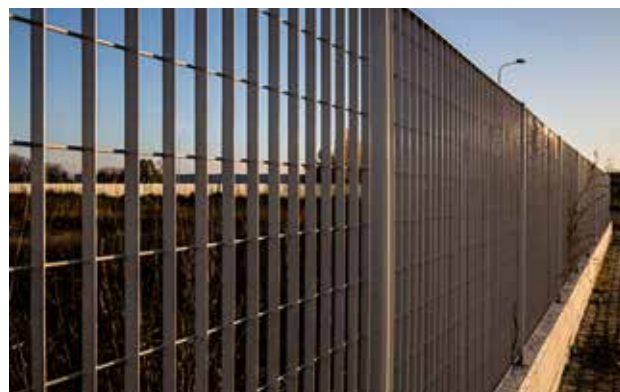
Adjusting bracket
(straight)



MACS System
> see pages 56-57

> see pages 61-62

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	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



This is a high security fence system inspired by the most robust stadium boundaries and complies with the highest civil applications push load resistance standards. The horizontal steel plate welded directly to the post, as well as speeding up the installation operations, also makes the whole system extremely hard to be cut by shears and vandal proof. The visual permeability combines perfectly with the use of video surveillance devices for the complete effectiveness of this fencing system. The central "fascia" enhances the fence design and makes it possible to hide the anti-climb electronics, thanks to the MACS system that can be installed in an invisible and inaccessible way together with the fence or on a later stage.

TECHNICAL DETAILS

Dimensions

- > Mesh 124x51mm
- > Horizontal flat bar 25x3mm thick
- > Vertical wires 4,5 mm diameter

Material

- > S235JR UNI EN 10025 Steel

Coating

- > Hot dip galvanizing according to UNI EN ISO 1461
- > Painting in polyester powders

Colours

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

Fixing system

- > M6x20mm stainless steel bolts

Posts

- > Special profile "C" section sized 80x40x23x12x2mm

Gates

- > Single, double or sliding leaf gates

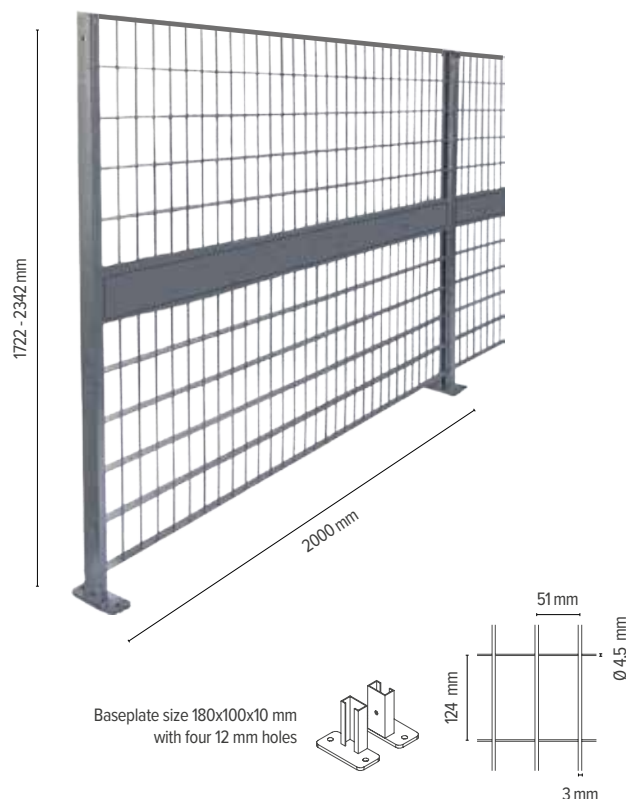
PRODUCT SPECIFICATIONS

- > Industrial areas
- > Commercial areas
- > Railways
- > Telecommunication sites
- > Military sites
- > High security fencing
- > Airports and customs
- > Borders
- > Residential areas

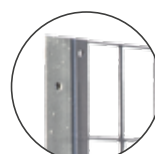
PRODUCT SPECIFICATIONS

ELETTRA® forge welded grating fence is made up of modular, monolithic, not joined or sided panels, heightmm, width 2000 mm, mesh 124x51 mm, horizontal profiles in 25x3 mm flat bar, (centres distance 124 mm), vertical wire connection bars diameter 4.5 mm (centres distance 51 mm). They are supported by special "C" shaped posts profile 80x40x23x12x2 mm, welded at both mesh panel ends (left and right) to form a single piece ready for the installation and provided with holes for joining adjacent panels. Horizontal "fascia" in special "C" shaped profile 100x30x20x2 mm for housing the MACS anti-climb system.

Post centres distance: 2000 mm
Heights: 2343 mm or 1722 mm



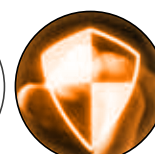
> see pages 61-64



Special profile "C" section sized 80x40x23x12x2 mm



M6x20 stainless steel hexagon head screw



MACS System
> see pages 56-57



PANEL		POST		Post to be set in concrete	Post with base plate	MODULE	
H	L	"C" Section	Fixing points	L	L	Weight	Weight
mm	mm	mm	n°	mm	mm	Kg/ea	Kg/ea
1722	2000	80x40x23x12x2	welded	2040	1770	54,45	15,81
2342	2000	80x40x23x12x2	welded	2660	2390	67,82	14,48

POSTS
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ASSEMBLY SYSTEMS
P. 64

ALARM SYSTEMS
P. 69

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

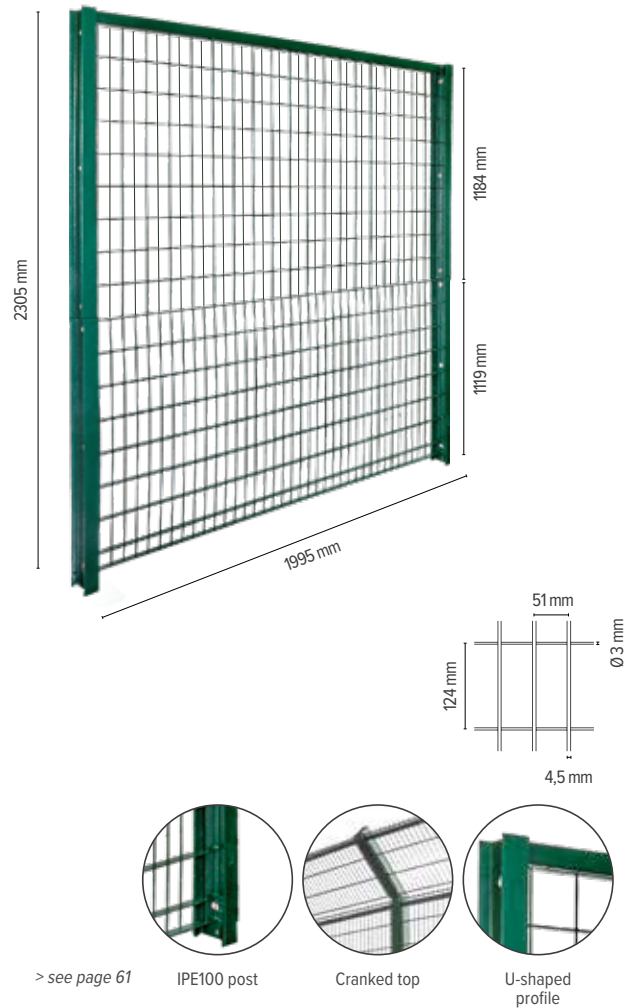
- > Safety gates built in compliance with the application laws on partitions in football grounds and stadiums

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
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ASSEMBLY SYSTEMS
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TALIA® VENTUS

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

Coating

- > S235JR UNI EN 10025 Steel

Coating

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

Colors

- > RAL 6005 green, other RAL colors 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

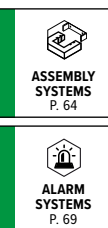
APPLICATIONS

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

APPLICATIONS

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

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 the panel integration, making the system even quicker and easier to install.

TECHNICAL DETAILS

Dimensions

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

Material

- > S235JR UNI EN 10025 Steel

Coating

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

Colors

- > RAL 6005 green, other RAL colors 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

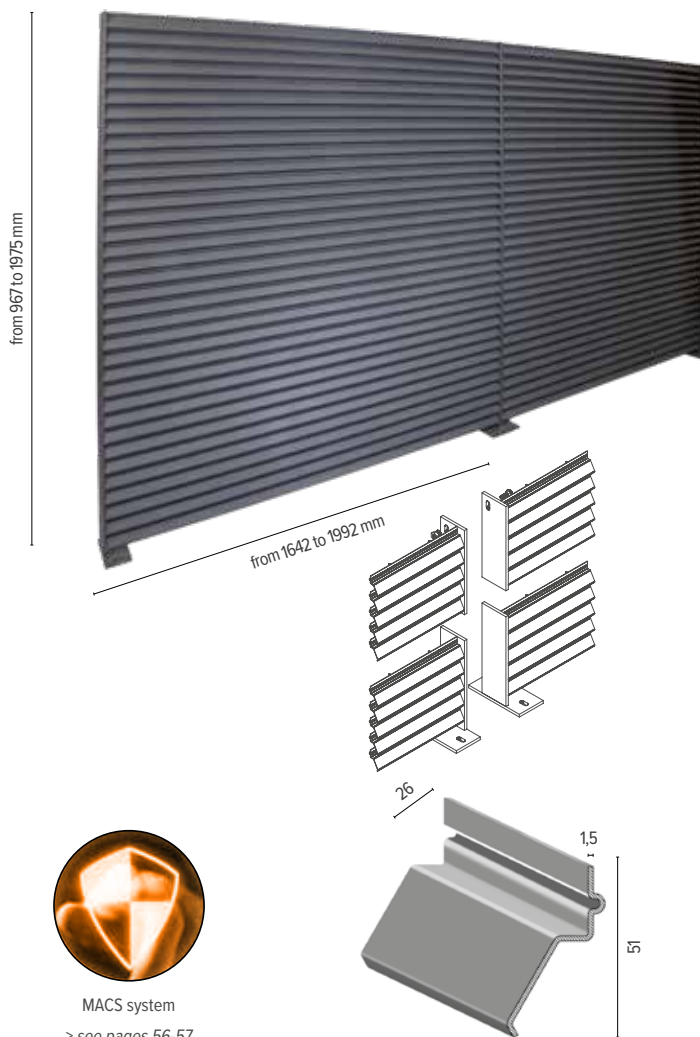
APPLICATIONS

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

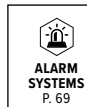
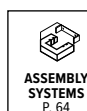
APPLICATIONS

TALIA® SCREEN VENTUS fencing consists of modular monolithic panels, 46x132 mm mesh, special section horizontal profiles (centre distance 46 mm), 4 mm diameter round vertical joining bars (centre 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				POSTS		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/cad	mm	kg/ea
967	1650	45,4	28,5	80x8	3	1200	6,6	1014	6,2
967	2000	52,4	27,1	80x8	3	1200	6,6	1014	6,2
1608	1650	74,0	27,9	80x8	3	1850	10,2	1655	9,8
1608	2000	85,5	26,6	80x8	3	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 oxidizing processes, the steel characterizing this system is a "live" material, changing its hues and nuances 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

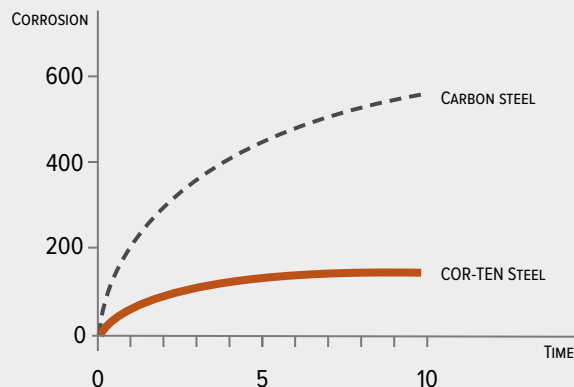
With its low content of alloying elements and high mechanical strength, COR-TEN steel has become increasingly popular in modern architecture that favours not only aesthetic but also maintenance-free and long life products. TALIALIVE encompasses all the features sought after by the most advanced building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

TALIALIVE guarantees:

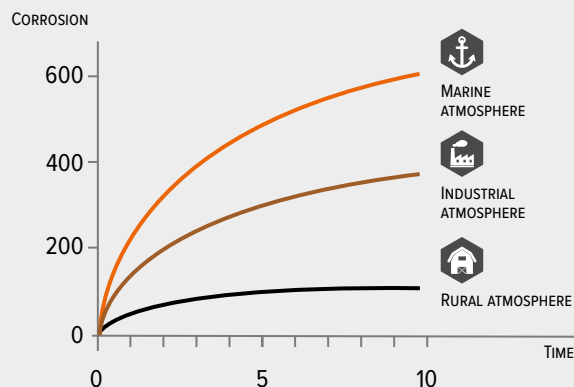
- > no maintenance costs
- > corrosion resistance five to eight times higher than carbon steel
- > high mechanical strength

TALIA, MORE SOLUTIONS FOR YOUR PROJECT

From the development of new architectural solutions, TALIALIVE is an innovative "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.



COR-TEN STEEL VERSUS CARBON STEEL



COR-TEN STEEL IN VARIOUS ATMOSPHERES

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 rounds bars Ø 4 mm

Material

- > COR-TEN S355JOWP Steel

Coating

- > Possible pickling

Fixing system

- > TTQST M10x30 stainless steel or Nerinox security bolts

Posts

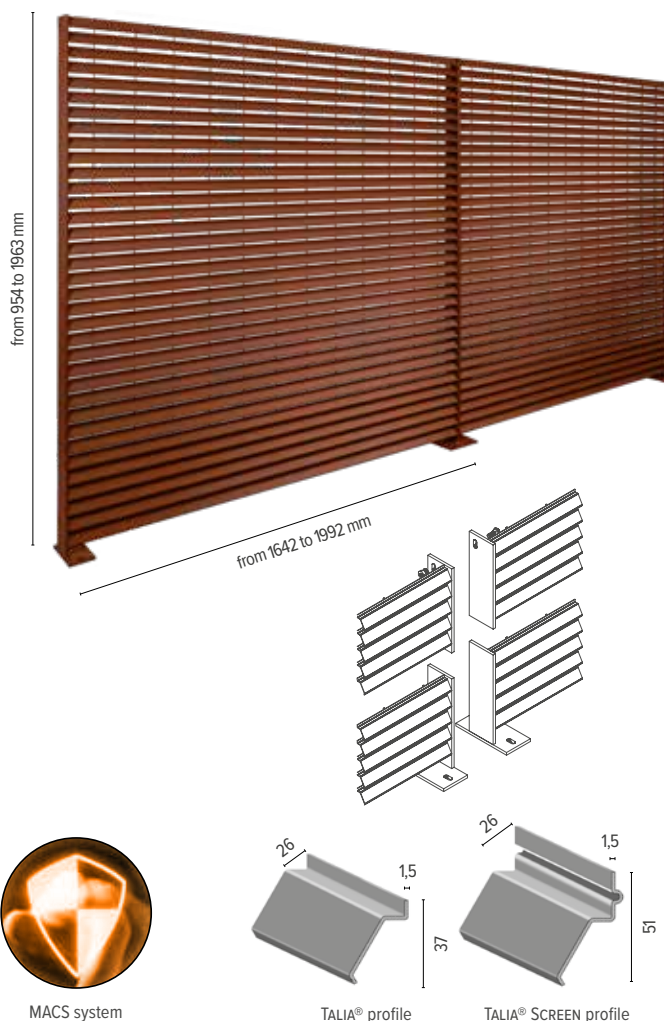
- > Flat 60x7 mm or bespoke on demand

APPLICATIONS

- > Luxury housing
- > Technical areas
- > Public building

PRODUCT SPECIFICATION

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



MACS system

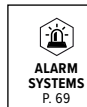
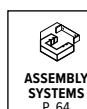
> see pages 56-57

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/m²	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/m²	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 galvanised 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.



MACS FENCES



The most advanced electronic techniques incorporated into the solidity of Nuova Defim Orsgril fencing systems. With MACS (MEMS-based anticlimbing system) attempts to break in or climb over fences are detected accurately and distinguished from natural or accidental events. With its easy installation and remote monitoring capability, the system is an important improvement in perimeter security. Thanks to its self-learning technology is adaptable to any project, fits to any fence type and it can be set in real time.

TECHNICAL CHARACTERISTICS

MANAGEMENT SOFTWARE

CONNECTIONS

A compatible internet browser without requiring any additional installations

NUMBER OF ZONES

Up to 32 zones with an unlimited number of sensors freely programmable towards an output

NUMBER OF CONFIGURATIONS

Up to 32 saveable

ALARMS

Pre-alarm / Alarm / Tampering / Failure

INSTALLATION

- > Sensor self-initialization
- > Automatic sensors detection on bus
- > Possible replacement of every single sensor
- > Possible FW Sensor and master upgrading

PROGRAMMING

Real-time parameter setting with feed-back

BACK-UP

Sensor detection through magnet

USERS MANAGEMENT

Up to 3 user levels with different credentials and authorization

SENSOR

OVERALL DIMENSIONS

89x73x25.5 mm

IP PROTECTION RATE

IP67

RELATIVE HUMIDITY

0-100%

MATERIAL

Fiberglass reinforced Nylon (PA66), resin sealed, UV rays resistant

FIXING SYSTEM

With one central screw:

- > Counter-plate for fixing on mesh fencing or netting
- > Self-tapping screw on metal surface (post)

COVERING AREA

Maximum 3 x 6 m (With sensor positioned mid-way with respect to the panel)

CHAINS CONFIGURATION

- > Up to max. 120 sensors for communication bus system (2no. bus units per master)
- > Max. 20 sensors 3 meters pitch chains (2,5 meters actual distance between adjacent sensors)
- > Max. 20 sensors 6 meters pitch chains (5 meters actual distance between adjacent sensors)

PRODUCT SPECIFICATION

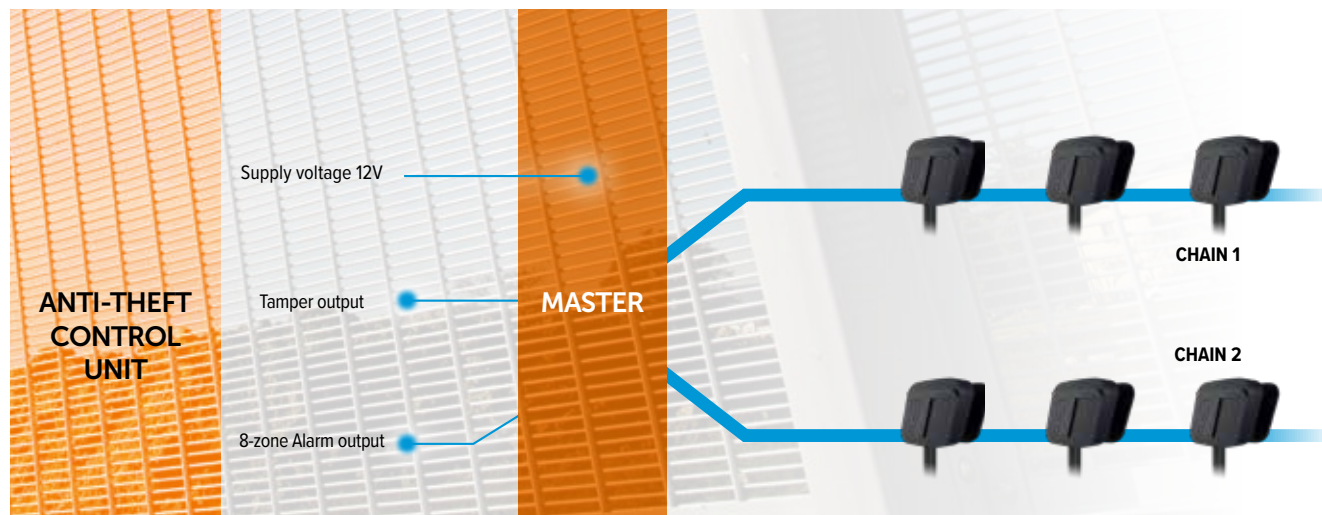
Integrated or semi-integrated anti climbing boundary system for fencing, complete with Ethernet network board, 4no. digital input doors and 8no. NC output doors + tamper, master IP67 able to control two sensors chains using MEMS technology and IP68 protection level. All is powered by a network board and controlled by a dedicated web interface remotely programmable.

APPLICATIONS

- > Residential areas
- > Industrial areas
- > Commercial areas
- > Parks
- > Railways
- > Telecommunication sites
- > Military sites
- > High security fencing
- > Airports and customs
- > Borders
- > Car park
- > Strategic installations
- > Photovoltaic installation



ALARM
SYSTEM
P. 69



MACS FENCES INTEGRATED

MACS is specifically designed to be integrated harmoniously and functionally to Recintha Safety and Elettra models. A new and safer security system is thus defined to guarantee an elegant and perfectly integrated design respecting the Italian style; invisible and inaccessible sensors and cables in addition to a pre-calibrated system designed for Nuova Defim Orsogrill fence systems completes the offer.

TECHNICAL CHARACTERISTICS

NETWORK BOARD (MACS-ETH)

POWER SUPPLY

12 Vcc - 3 A

FIXING SYSTEM

Din bar support

BOARD SIZE

146 x 84 mm

DIGITAL INPUT

4no. digital inputs

NUMBER OF NC OUTPUT

8 + 1 tamper

TYPE OF NC OUTPUT

Optomos relay: 60Vmax, 400mA,
Contact resistance 2 ohm

TYPE OF COMMUNICATION

Ethernet door

DIGITAL MEMORY

> 10000 events

MASTER (MACS-MAS)

POWER SUPPLY

From network board

FIXING SYSTEM

Din bar support in a watertight box

TYPE OF CONTAINER

Watertight aluminium alloy box

IP PROTECTION RATING

IP66

CONTAINER SIZES

140 x 115 x 61 mm

DIGITAL INPUTS

Tamper input

NUMBER OF NC OUTPUT

1

TYPE OF NC OUTPUT

Optomos

CONNECTIONS

2no. communication bus systems
towards sensors, 1no. communication
bus systems towards the network
board, W-Sync



UN SENSORE OGNI 2 PANNELLI



1 SENSOR EVERY 2 PANELS



MACS FENCES EXTERNAL

MACS advanced electronics has been developed to extend all intelligent protection advantages to a wide range of Nuova Defim Orsogrill enclosures. Thanks to the sensors compact design, MACS system is integrated in a distinctive and elegant way with the complete range of our offer. You can choose different cable colors to match the project style. The single central screw mechanism, grants a quick and easy installation. MACS is compatible with: **Recintha N/L, 202, Sterope, Pleione, Britosterope and with the Talia style.**