

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 galvanized 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

- > see pages 60-61
- > Cover plate with anti-theft bolts
- > Mesh clips with anti-theft bolts

Gates

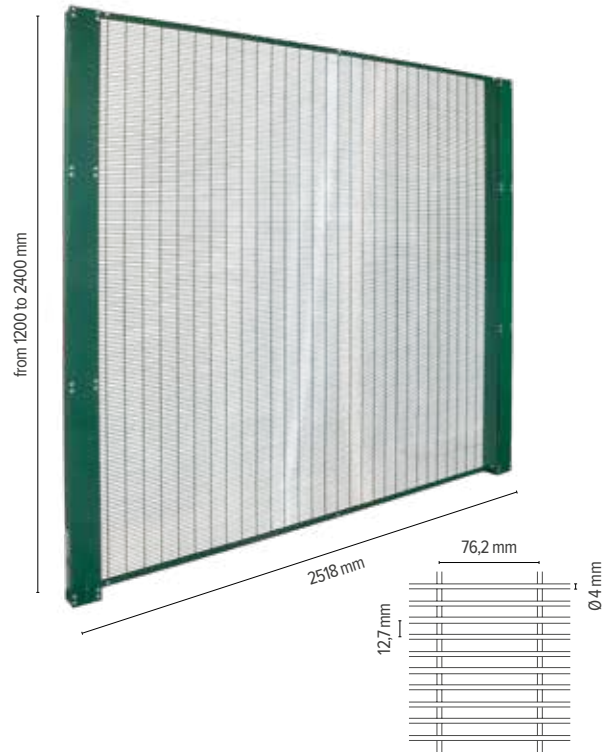
- > Single, double or sliding leaf gates

APPLICATIONS

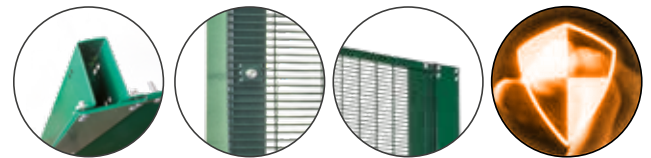
- > Residential areas
- > Industrial areas
- > Commercial areas
- > Railways
- > Telecommunication sites
- > Military sites
- > High security fencing
- > Airport and custom area
- > Border lines

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/m ²	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/m ²	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

