

ORSOGRIL Fencing: Recintha® Safety Wire Panels

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. The result of the collaboration with our technological partner TSEC is the new born fence called SAFETY ACS; 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 1/2" x 3"
- Wire Ø 5/32"

Material

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

Fixing System

- Cover plate with anti-theft bolts

Coating

- Polyester powder coating

Colors

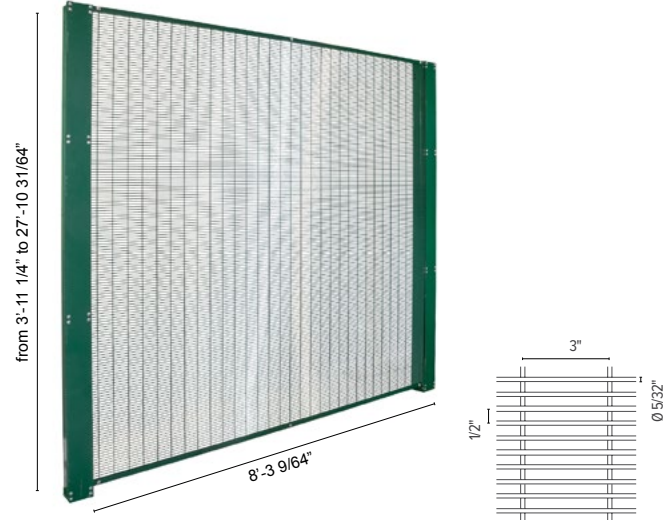
- RAL 6005 green, other RAL, Colors available on demand

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 areas
- Border lines

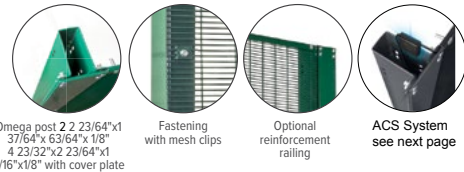


PRODUCT SPECIFICATIONS

Electro-welded mesh panel made of Ø 5/32" hot dip galvanized or zinc aluminum steel wire. Mesh size 1 1/2"x3". For panel widths and heights, see the table. Symmetric Omega profile posts with 3 35/64"x5/32" and 4 23/32"x5/32" cover plate. Stainless steel cup head square neck bolts and with security self shearing nuts. Post center distance: 8'-4 25/64" using Omega section 2 23/64"x1 37/64"x63/64"x1/8" and 8'-5 37/64" with Omega section 4 23/32"x2 23/64"x1 3/16"x1/8". Thermosetting resins polyester powder coating.



ACCESSORIES



PANEL				POST		Post to be set in concrete	
H	L	Weight		Omega section	Fixing points	L	Weight galv.
inch	inch	kg/ea	kg/m ²	inch	n°	inch	kg/ea
3'-11 1/4"	8'-3 9/64"	25.7	8.5	2 23/64"x1 37/64"x63/64"	6	5'-6 59/64"	12.0
3'-11 1/4"	8'-3 9/64"	30.0	8.5	2 23/64"x1 37/64"x63/64"	6	6'-2 51/64"	13.6
5'-2 63/64"	8'-3 9/64"	34.2	8.5	2 23/64"x1 37/64"x63/64"	8	6'-10 43/64"	15.2
5'-10 55/64"	8'-3 9/64"	38.5	8.5	2 23/64"x1 37/64"x63/64"	8	7'-10 31/64"	17.3
6'-6 47/64"	8'-3 9/64"	42.8	8.5	2 23/64"x1 37/64"x63/64"	8	8'-6 23/64"	18.9
7'-10 31/64"	8'-3 9/64"	47.1	8.5	4 23/32"x2 23/64"x1 3/16"	10	9'-2 15/64"	35.3
7'-10 31/64"	8'-3 9/64"	51.4	8.5	4 23/32"x2 23/64"x1 3/16"	12	9'-10 7/64"	36.1

MESH CLIP FIXING

PANEL				POST		Post to be set in concrete	
H	L	Weight		Rectangular section	Mesh clip	L	Weight galv.
inch	inch	kg/ea	kg/m ²	inch	n°	inch	kg/ea
3'-11 1/4"	8'-3 9/64"	30.0	8.5	4 23/32"x223/64"x5/64"	6	6'-2 51/64"	10.7
5'-2 63/64"	8'-3 9/64"	34.2	8.5	4 23/32"x223/64"x5/64"	8	6'-10 43/64"	11.8
5'-10 55/64"	8'-3 9/64"	38.5	8.5	4 23/32"x223/64"x5/64"	8	7'-10 31/64"	13.5
6'-6 47/64"	8'-3 9/64"	42.8	8.5	4 23/32"x223/64"x5/64"	8	8'-6 23/64"	14.6
7'-10 31/64"	8'-3 9/64"	47.1	8.5	4 23/32"x223/64"x5/64"	10	9'-2 15/64"	15.8
7'-10 31/64"	8'-3 9/64"	51.4	8.5	4 23/32"x223/64"x5/64"	12	9'-10 7/64"	16.9