

# HIGH SECURITY FENCING

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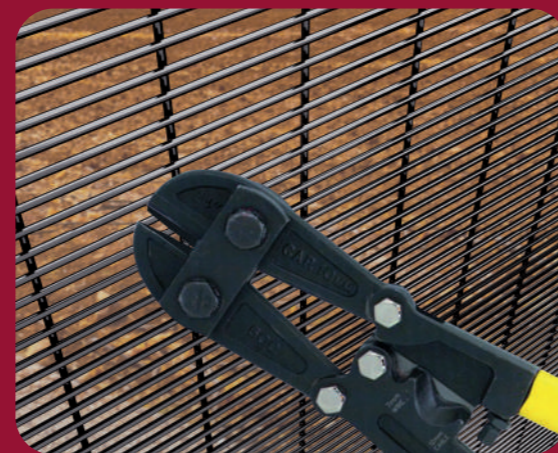
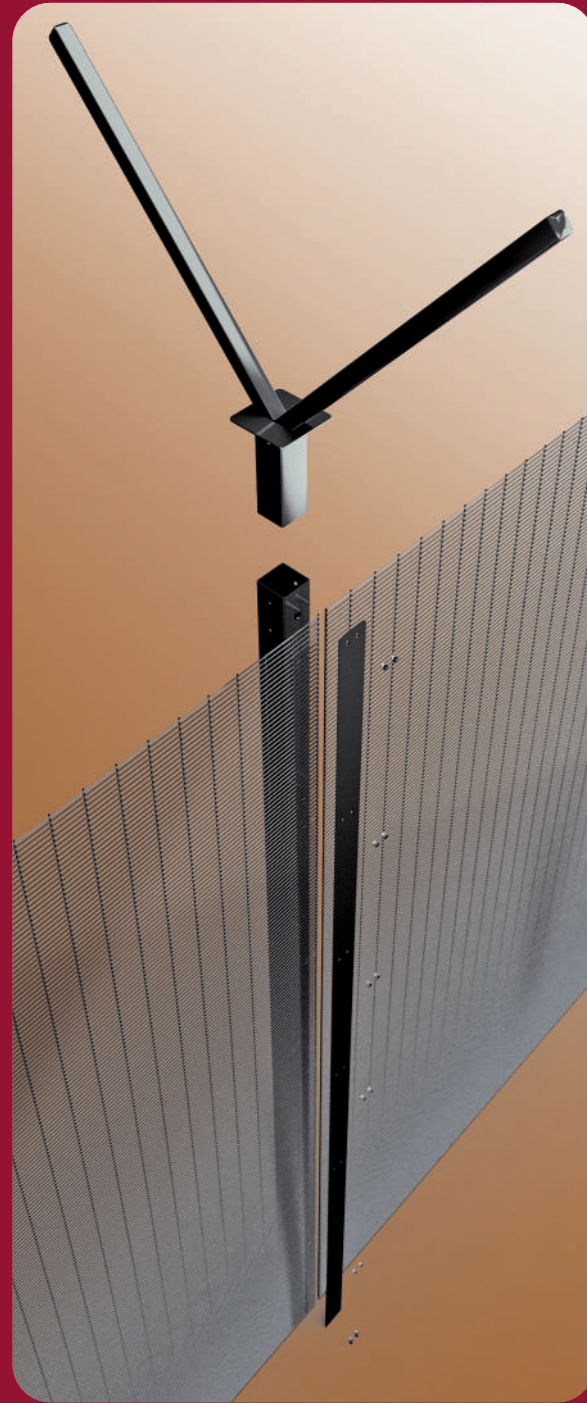
# HIGH SECURITY FENCING



## Suggested uses

Thanks to its features Cavatorta's Prison Mesh panels are recommended for the following uses:

- prisons · airports · military · boundary · high security areas



**Cavatorta's Prison Mesh** is a HIGH SECURITY WELDED MESH FENCING manufactured using 4.00 mm. (8 ga.) GALVATEC® wire (Alu-Zinc alloy) both for vertical and horizontal wires. Mesh size is 76.2 x 12.7 mm. (3 x 0.5 inches) and could be supplied Galvatec® coated or powder PVC coated in several colours.

**Cavatorta's Prison Mesh panels** are manufactured to prevent any vandal attack, this thanks to the small mesh opening 76.2 x 12.7 mm. (3 x 0.5 inches) and strong wire diam. 4.00 mm. (8 ga.), which provides a security barrier against climbers, not allowing foot or hand holds. Wire cutters cannot be used as there is not enough space between the wires.

## PANELS AVAILABLE IN STANDARD SIZES OF:

H mm	L mm	mesh size mm	Ø mm	panel weight kg	sqm. weight kg
2010	2510	12,7x76,2	4,00	48	9,5
2410	2510	12,7x76,2	4,00	57,5	9,5
3000	2510	12,7x76,2	4,00	71,5	9,5
3670	2510	12,7x76,2	4,00	87,5	9,5
4000	2510	12,7x76,2	4,00	95,5	9,5
4690	2510	12,7x76,2	4,00	112	9,5
5320	2510	12,7x76,2	4,00	127	9,5
6010	2510	12,7x76,2	4,00	143	9,5

other sizes upon request

## TECHNICAL FEATURES

general characteristics	value	unit of measurement	international norms
wire tensile strength	540-615*	N/mm <sup>2</sup>	-
welding resistance point	≥378	N	ASTM. A 185-06
zinc/aluminium alloy adherence	1 (excellent)	-	UNI-EN 10244-2
panel tolerance length	-0/+1	%	-
zn-al weight (min)	285	g/m <sup>2</sup>	UNI-EN 10244-2
zinc/aluminium thickness coating	~43	µm	-
Ø wire tolerance	±0,070	mm	UNI-EN 10218-2

(\*) values are referred to the wire before any operation

## FENCING ACCESSORIES

In order to give to the fence, the strongest characteristics, Cavatorta suggests to use the following accessories:

- steel square shape posts available with double cranked extension for razor wire (concertina);
- junction;
- steel security bolts and nuts;
- base plate.



### GALVATEC® PROCESS

The Galvatec® Process, alloy combining 95% zinc and nearly 5% aluminium, provides an important anti-corrosion coating to all our products manufactured through this ultimate coating system.