



MASTERPLAX

SECURITY FENCING

Fencing made from electro-welded zinc and plastic-coated wire with square shaped mesh. The vertical and horizontal wires of the electro-welded mesh are both linear and made in zinc coated steel. The zinc coating is obtained through **"Galvafort Process"** created by Cavatorta. Plastic coating is obtained through the exclusive sintering process **"Galvaplast Process"** which uses non-toxic and non-pollution PVC powders. Its performance is guaranteed for over 10 years if used in normal condition. **Masterplax** fencing mesh is produced in rolls of 25 m and is sold on pallets wrapped in protective recyclable polyethylene film.

mesh size mm	H cm	roll kg each	kg/m ²	roll/pallet n°	pallet kg each	ø galvanized core mm	ø pvc wire mm
50,8x50,8	90	38	1,70	9	352	2,50	3,10
50,8x50,8	120	51	1,70	9	469	2,50	3,10
50,8x50,8	150	64	1,70	9	586	2,50	3,10
50,8x50,8	180	76,5	1,70	9	698	2,50	3,10
50,8x50,8	210	89	1,70	6	544	2,50	3,10
50,8x50,8	240	102	1,70	6	622	2,50	3,10
50,8x50,8	90	55	2,43	6	340	3,00	3,55
50,8x50,8	120	73	2,43	6	448	3,00	3,55
50,8x50,8	150	91	2,43	6	556	3,00	3,55
50,8x50,8	180	109	2,43	6	664	3,00	3,55
50,8x50,8	210	128	2,43	6	778	3,00	3,55
50,8x50,8	240	146	2,43	6	886	3,00	3,55

general characteristics	value	unit of measurement	ref. standards
single wires maximum tensile strength*	450-550*	N/mm ²	-
zinc coating type	hot dip	-	UNI - EN 10244-2
zinc purity grade (SHG)	~99,995%	%	UNI - EN 1179
zinc adherence	1 (excellent)	-	UNI-EN 10244-2
zinc coating thickness**	~34/~39	µm	-
PVC thickness **	~0,275/~0,30	mm	-
plastic coating process	sintering	-	UNI-EN 10245-2
colour	bright alpine green/black	-	-
roll length tolerance	-0/+1	%	-
ø zinc coated wire tolerance**	±0,05/±0,07	mm	UNI-EN 10218-2
ø plastic coated wire tolerance**	±0,15/±0,20	mm	UNI-EN 10218-2

(*) the values refer to the wire before construction of the mesh (**) depending on the diameter of the wire

Masterplax easy to use and assures high performance. The depth of welding spots, purity of the zinc-coated wires produced by the **"Galvafort Process"** and the quality of the plastic coating by the **"Galvaplast Process"**, acts to protect wire and the welding spots from corrosion, thus making the product better than any other security fence on the market.

