

PATENTED
MODEL

STILPLAX

SECURITY FENCING

Electro-welded zinc and plastic coated wire with triple selvedge around the edges and anti-climbing barbs on the upper border. The vertical (linear) and horizontal (shaped) wires of the electro-welded mesh are green plastic coated on a galvanized core.

Plastic coating is obtained through the exclusive sintering process "**Galvaplax Process**" created by Cavatorta.

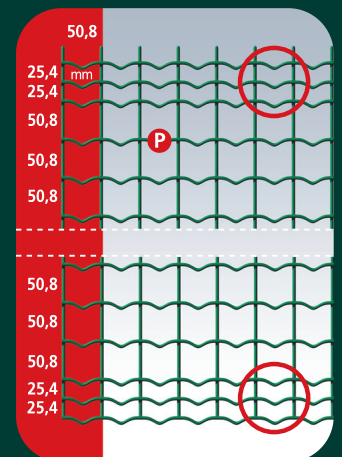
Mainly for use in fencing for residential, industrial and sports related areas. Its performance is guaranteed for over 10 years if used in recommended areas. **Stilplax** fencing is sold in **25 m** rolls on pallets wrapped in recyclable polyethylene film.

H cm	roll kg each	kg/m ² each	roll/pallet no	pallet kg each	∅ zinc coating mm	∅ plastic coating mm
102*	51	2,00	8	422	2,70	3,30
122*	60	1,97	8	494	2,70	3,30
150	73	1,95	8	598	2,70	3,30
181	87	1,92	8	710	2,70	3,30
201	96	1,91	8	782	2,70	3,30
221	105	1,90	8	854	2,70	3,30
252	120	1,90	4	594	2,70	3,30

(*) without pointed tips on the upper border

general characteristics	value	unit of measurement	ref. standards
single wires maximum breaking load	450-550*	N/mm ²	-
welding resistance	≥ 1380	N	ASTM. A 185-06
zinc coating type	hot pressed	-	UNI - EN 10244-2
zinc purity grade (SHG)	~99,995%	-	UNI - EN 1179
zinc adherence	1 (excellent)	-	UNI-EN 10244-2
zinc coating thickness	~13	µm	-
PVC thickness	~ 0,30	mm	UNI-EN 10218-2
plastic coating process	sintering	-	UNI-EN 10245-2
color	bright alpine green	-	-
roll length tolerance	-0/+1	%	-
∅ zinc coated wire tolerance	±0,045	mm	UNI EN 10218-2
∅ plastic coated wire tolerance	±0,20	mm	UNI EN 10218-2

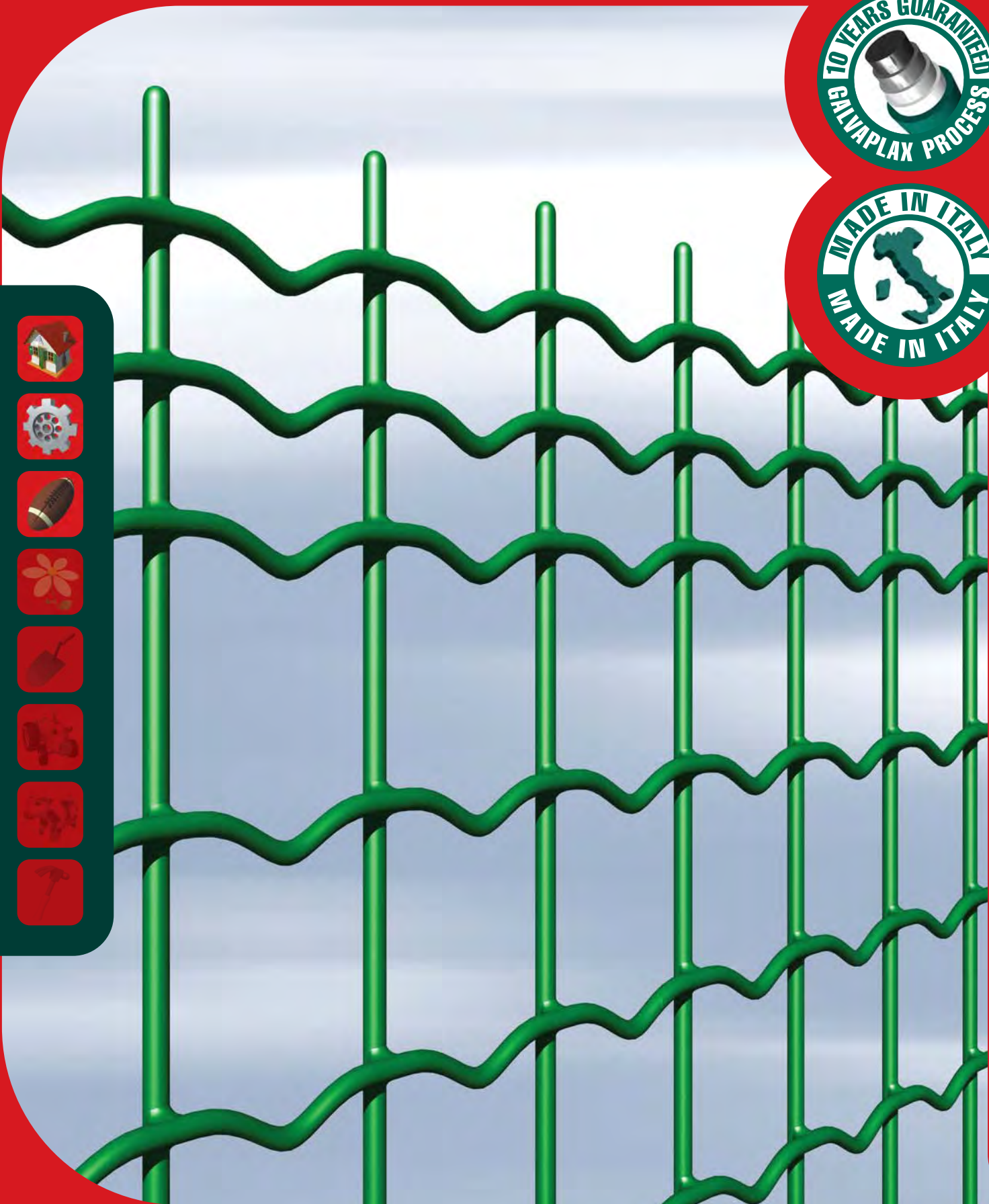
(*) the values refer to the wire before construction of the mesh



crimping depth **P** ~5,0 mm



Stilplax is the strongest fencing produced by Cavatorta. The high solidity level comes not only from the elevated wire diameter, but also from the triple selvedge on the upper and lower sections. **Stilplax** is particularly suitable for creating perimeter boundaries inside of football stadiums (UNI 10121-2).



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