



PATENTED MODEL **DECOPLAX**
DECORATIVE FENCING

This fencing is made from electro-welded, plastic-coated wire with differentiated and octagonal shaped meshes. The vertical (linear) and horizontal (shaped) wires of the electro-welded mesh are made in zinc coated steel. Plastic coating is obtained through the exclusive sintering process "Galvaplax Process" created by Cavatorta. Mainly for use in fencing for residential and industrial areas. Its performance is guaranteed for over 10 years if used in normal condition. Decoplax fencing mesh is sold in rolls of 25 m on pallets with 9 rolls each wrapped in protective recyclable polyethylene film.

H cm	roll kg each	kg/m ²	pallet kg each	ø galvanized core mm		ø pvc wire mm	
				vert.	horiz.	vert.	horiz.
57	15	1,06	145	2,20	2,00	2,60	2,40
78	21	1,06	199	2,20	2,00	2,60	2,40
98	26	1,06	244	2,20	2,00	2,60	2,40
118	31	1,06	289	2,20	2,00	2,60	2,40
149	39,5	1,06	366	2,20	2,00	2,60	2,40
179	47,5	1,06	438	2,20	2,00	2,60	2,40
200	53	1,06	487	2,20	2,00	2,60	2,40

general characteristics	value	unit of measurement	ref. standards
maximum single vertical wire tensile strength	600-700*	N/mm ²	-
maximum single horizontal wire tensile strength	450-550*	N/mm ²	-
welding resistance	≥ 916	N	ASTM. A 185-06
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	~10	µm	-
PVC thickness	~ 0,20	mm	UNI-EN 10218-2
plastic coating process	sintering	-	UNI-EN 10245-2
colour	bright alpine green	-	-
roll length tolerance	-0/+1	%	-
ø horizontal zinc coated wire tolerance	±0,040	mm	UNI-EN 10218-2
ø vertical zinc coated wire tolerance	±0,045	mm	UNI-EN 10218-2
ø plastic coated wire tolerance	±0,15	mm	UNI-EN 10218-2

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

Thanks to the special octagonal shape of the mesh, Decoplax is strong and solid, and provides a pleasant and harmonious aesthetic appearance. The accentuated resistance of the vertical wires prevents the deformation of the mesh, permitting uniform tension in the mesh during the assembly phase.