



We produce the best enclosure systems

Electro-Welded Meshes

Residential and industrial
security enclosures

TF

Calle Edison, nº1. Pol. Ind. Can Estella.
08635 Sant Esteve Sesrovires. Barcelona. España.
Telf: (00 34) 93 771 55 41
tecnomallas@tecnomallas.com
www.tecnomallas.com

Electro-welded panels for the ultimate in enclosures.



Tecnomallas Quality

The main goal of Industrias Tecnomallas, a company specialised in the production of electro-welded mesh, is to offer a product that meets the highest quality standards.

To achieve this goal, we rely on the most technologically advanced welding equipment, as well as a team of highly qualified workers. By constantly investing in the most modern and reliable welding equipment available, we have become one of the most competitive businesses in our industry.

- 1.- Our equipment, incorporating the most modern technology, allows us to guarantee an unexcelled welding finish.
- 2.- Our mesh is manufactured using grey zinc-aluminium galvanised or stainless-steel wire that meets the most demanding European standards in terms of tensile strength, weight, diameter, etc.
- 3.- The high flexibility of our welding lines allows us to optimise the production time for both small and large runs, reducing changeover times. We guarantee short delivery times and competitive prices.

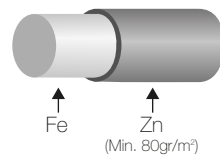




Materiales

Galvanised Rod

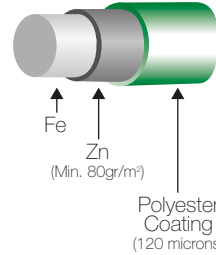
Detail



Compliant with the EN 10244-2 Standard

Galvanised, Plastic-Coated Rod

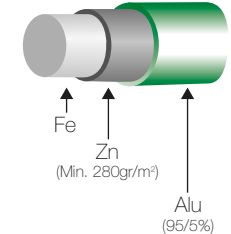
Detail



Compliant with the ISO 16120-2 Standard

Zinc-Aluminium Rod

Detail



Compliant with the EN 1088-2 Standard

Corrosion-resistant coating

Our quality coatings and finishes, starting with steel galvanisation of the highest quality and extending to our meticulous plastic coating process, provide our products with superb anticorrosion protection and ensure the durability of the panels.



Technological innovation

Our continuous investment in leading-edge technology allows us to guarantee a fully automated industrial process that ensures the highest possible quality.

The manufacturing processes used on our state-of -the-art lines guarantee the quality of the welds between rods, giving them unbeatable strength and finish quality.

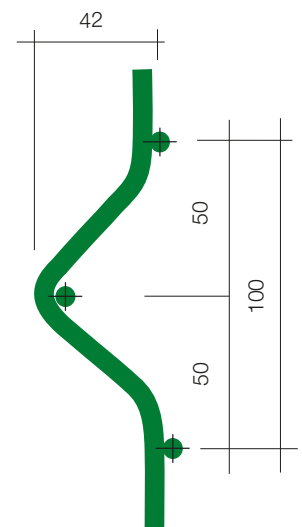
We offer a fast, safe, and fully automated production process, from the cutting and straightening of the rods to the palletisation of the final meshes.





European standard fold

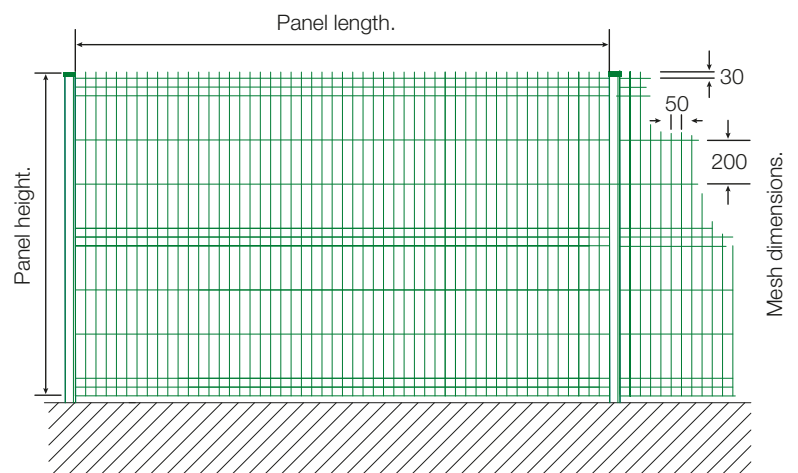
The fold meets all standard European measurements, making it compatible with all posts and fencing systems.



All dimensions in mm.



Dimensions



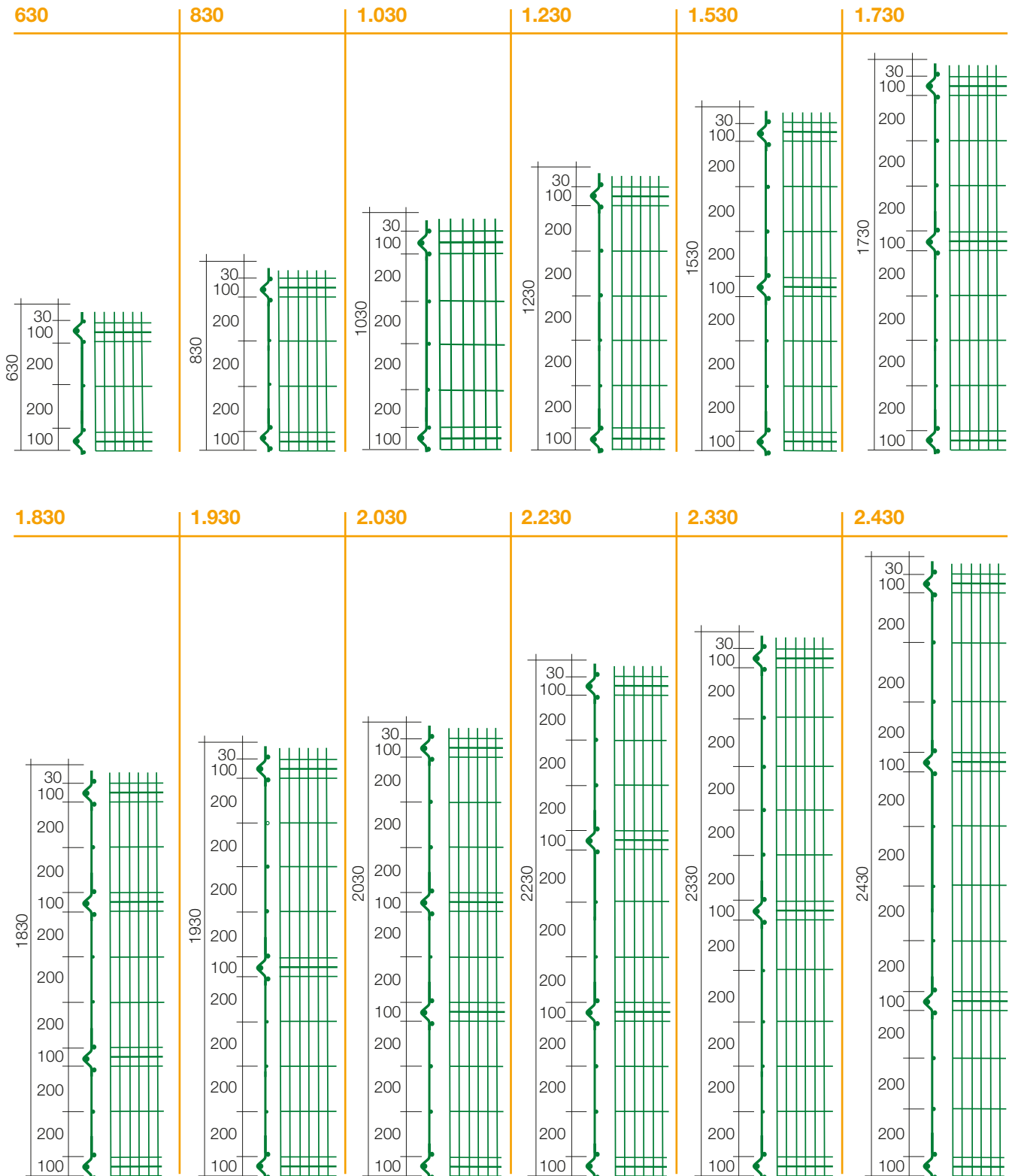
Mesh dimensions	Rod diameter	Reinforcement measurements	No. of reinforcements per panel	Panel length	Panel height
200 x 50	TF 5	50 x 50	2	2.500	630
			2		830
			2		1.030
			2		1.230
			3		1.530
			3		1.730
	TF ECO PLUS 4-4		4		1.830
			3		1.930
			4		2.030
			4		2.230
			3		2.330
			4		2.430

All dimensions in mm.



Panel heights, number and location of reinforcements.

To achieve the desired rigidity, the number of "V"-shaped folds in the panel varies according to its height. 30 mm. of uncut rod extends upward from the top of the panel as a defensive strip. The rest of the panel has no points.



All dimensions in mm.



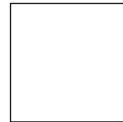
Finishes

The panels can be manufactured in galvanised steel wire (in compliance with standard EN 10244-2), in grey wire (in compliance with standard ISO 16120-2), or in zinc-aluminium wire (in accordance with standard EN 10244-2). They can be plastic-coated with heat-strengthened polyester, epoxy, or PVC (see warranty table).

Standard colours



RAL 6005



RAL 9010



RAL 9005



RAL 7016



RAL 7030

Special colours



OXIRON



RAL 1018

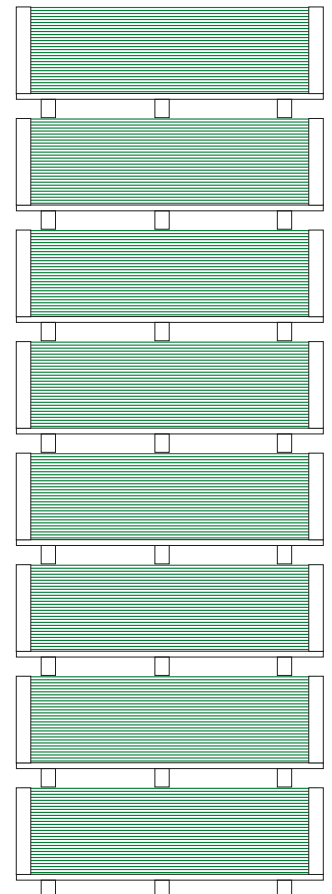


RAL 3027

*We can offer
all the colours
of the RAL Colour Chart*

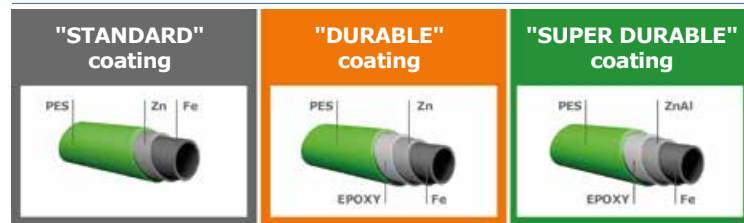
Packing

All triangle-bend fencing panels are palletised for delivery. Edge protection, together with the use of custom-made pallets, ensures that the mesh panels undergo no deformation during transport or storage. Security packing allows for optimal storage up to eight pallets deep.





GUARANTEE TECNOMALLAS



FOR POLYESTER FINISH PRODUCTS: FENCING PANELS AND POSTS

INSTALLED IN AREAS OF **LOW-MEDIUM AGGRESSIVE** ENVIRONMENT, ACCORDING TO STANDARD EN ISO 12944-2: "STANDARD" coating, a 5 to 10 year anti-corrosion guarantee, according to products, in normal environments.

CATEGORY	TYPES OF ENVIRONMENTS IN A TEMPERATE CLIMATE	GUARANTEE PERIOD ² STANDARD
C1 Very low aggressive	Only indoor exposure	10 years
C2 Low aggressive	Atmosphere with low level of pollution - Mostly rural areas	10 years
C3 Medium aggressive	Urban and industrial atmospheres, moderate sulfur dioxide pollution. Coastal areas with low salinity.	5-8 years

INSTALLED IN AREAS OF **HIGH AGGRESSIVE** ENVIRONMENT, ACCORDING TO STANDARD EN ISO 12944-2: "DURABLE" & "SUPER DURABLE" coating, a 5 to 10 year anti-corrosion guarantee, according to products, in aggressive environments.

CATEGORY	TYPES OF ENVIRONMENTS IN A TEMPERATE CLIMATE	DISTANCE BETWEEN PRODUCTS FORM THE SEA ¹	GUARANTEE PERIOD ² DURABLE 5	GUARANTEE PERIOD ² SUPER DURABLE 10
C4 High aggressive	Industrial areas with high sulfur dioxide pollution and coastal areas with moderate salinity	3 à 5 km	8 year dark colors*, 5 years light colors**	10 years all colors
C5 Very high aggressive	C5- I: Industriel areas with high humidity and aggressive atmosphere (i.e.chemical industry) in coastal and offshore areas	500 m and 3 km >to 500m, but offshore	5 years dark colors*	10 years dark colors*, 5 years light colors**
	C5- M : Coastal and offshore areas with high salinity	Seafront	-	5 years dark colors*

1 Guarantee for Europe only, other countries and locations to be agreed upon consultation for any specific project.
2 Expected lifetime based on saltspray and Kesternich

* Dark colors: in Standard RAL 6005 / RAL 7016 & RAL 9005**
** Light colors: in Standard RAL 9010 & RAL 7030
(Other RAL colors upon request)

Terms and Conditions of the Guarantee TECNOMALLAS: The detailed guarantee Tecnomallas is available at all times and upon request. The fencing systems consist of products and accessories Tecnomallas. The products are to be installed at a minimal distance of 500m from the seafront, when products are being installed at less than 500 m from the seafront, those are to meet the requirements described in the table above. Territories that are subject to a distribution agreement, warranty installation is to be carried out by the distributor.