



TUPIFOR enclosure

High-security electro-welded mesh

Enclosure made up of high-quality meshes and gates. The TUPIFOR mesh provides a substantial barrier which reduces the possibility of climbing, but which is designed to allow maximum visibility. Perfect for applications where high security is required.



Sensitive areas



Industrial areas



Large-scale constructions

Product with quality certification



Sistema de Gestión
ISO 9001:2015
www.torres.com
ID: 910559498

General specifications of the TUPIFOR enclosure

Vertical dimensions (from the recess line): 1043 mm, 1526 mm, 2038 mm, 2520 mm and 3020 mm

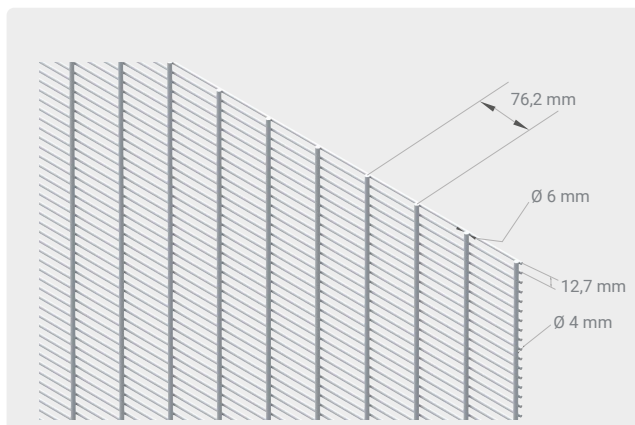
Pavement anchoring: anchor plate or recessing

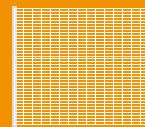


Available heights: 1003, 1485, 1993, 2476 and 2984 mm

Electro-welded mesh

2440 mm wide electro-welded mesh, featuring a 12.7 x 76.2 mm mesh opening between rod axes. It is composed of Ø3.8 mm horizontal rods and Ø5.8 mm vertical rods.





Posts for TUPIFOR enclosure

There are three available sections of post for the TUPIFOR enclosure depending on the height of the enclosure.

60 x 60 x 1.5 mm post for 1003 and 1485 mm meshes.

80 x 60 x 2.0 mm post for 1993 mm meshes.

100 x 60 x 2.0 mm post for 2476 and 2984 mm meshes.

All posts are supplied with a PVC cap and are manufactured complying with the UNE EN 10305-5 standard.

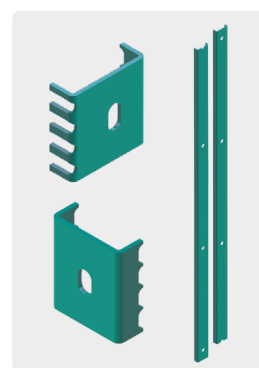
The posts for the TUPIFOR enclosure can be supplied to be recessed or with a plate to be screwed to the ground according to the customer's needs.

118 x 118 x 6 mm anchor plate for the 60 x 60 x 1.5 mm post, 160 x 160 x 8 mm for the 80 x 60 x 2.0 mm posts and 180 x 180 x 10 mm for the 100 x 60 x 2.0 mm posts. The plate is welded to the base of the post.

Fixing systems and accessories

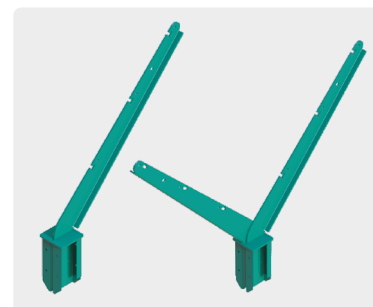
The mesh is fixed to the post using fixing clamps and end post struts. The type, number of clamps and struts depends on the position and height of the post (see table on page 3).

Centre/starting/corner fixing clamp: manufactured with 2.5 mm thick galvanised sheet metal, which allows fastening the panel to the post. To do that, we use a stainless steel M-8X40 torx screw, a stainless steel M-8 washer and a stainless steel M-8 blind river nut.



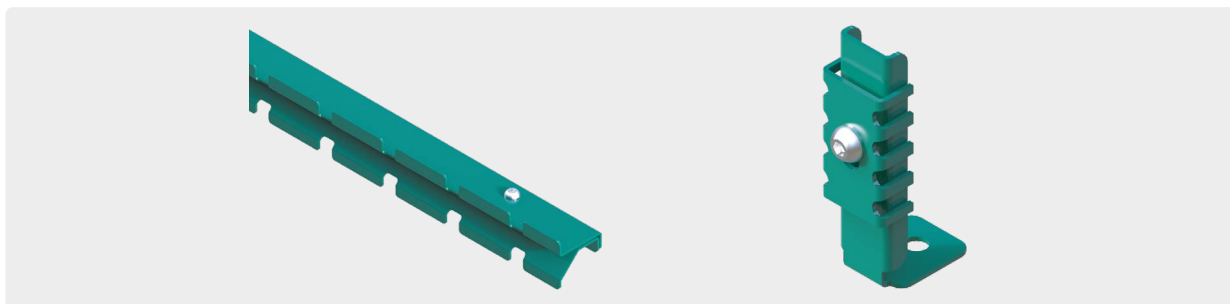
Post strut: manufactured with 2.5 mm thick galvanised sheet metal. For mesh measuring 1003 and 1485 mm high, it consists of a single piece, while for higher heights it consists of a set of two pieces. There are three types, depending on how they are mounted: starting, centre or corner. They are placed vertically on the ends of the mesh, covering the ends of the horizontal rods.

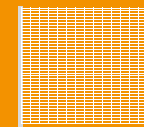
Ground clamps: manufactured according to the customer's needs, with 4 mm sheet metal directly anchored or welded to the post with the same tube section.



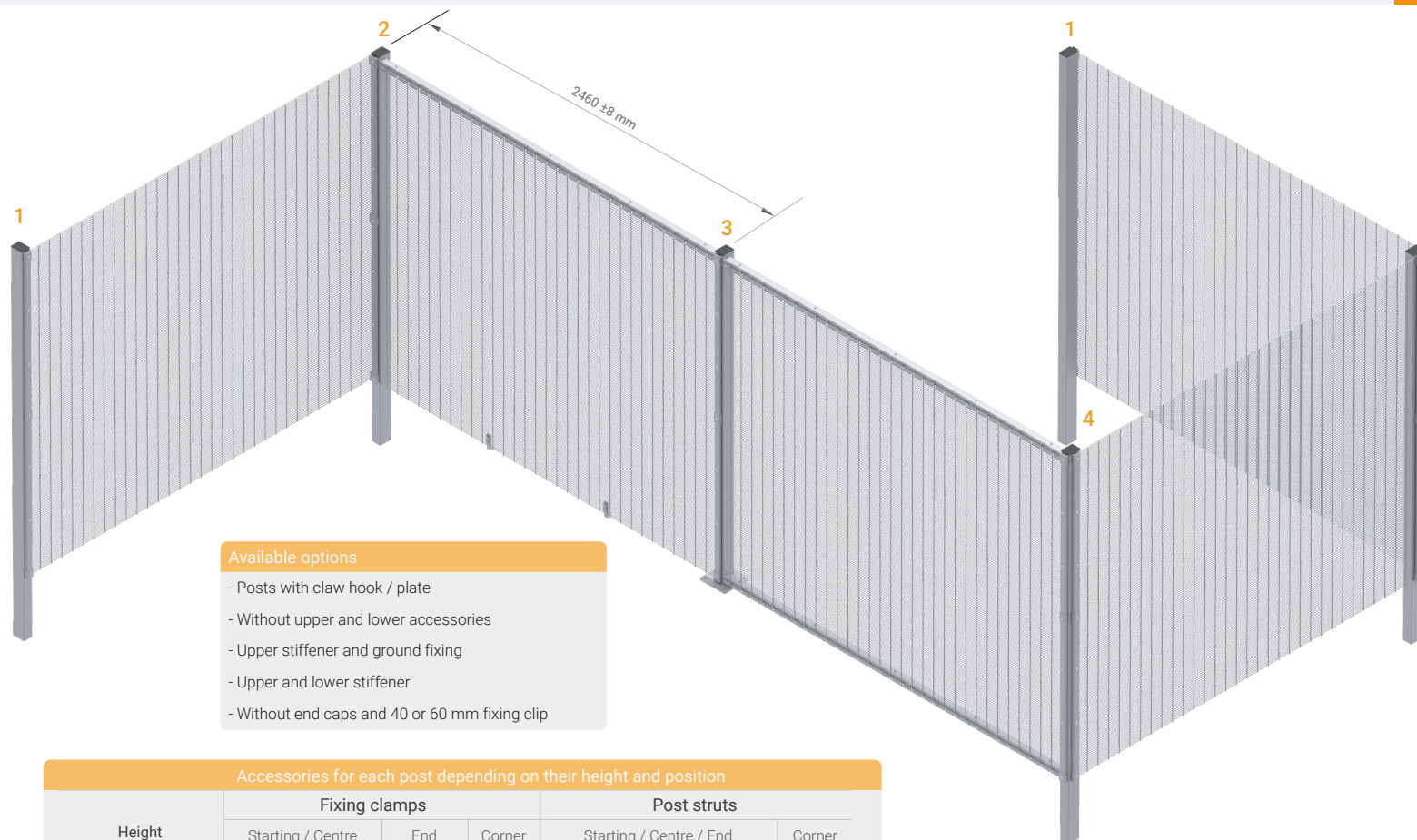
TUPIFOR stiffener: System composed of two sheet metal profiles that are joined together using stainless steel screws. These profiles allow to align and stiffen the enclosure. It can be placed on the upper or lower part of the panel at the customer's choice.

Ground clamp: Made up of two pieces, it is used to fasten the mesh to the ground. It allows the mesh to be completely aligned with the enclosure. This piece can replace the stiffener at the bottom.





TUPIFOR enclosure

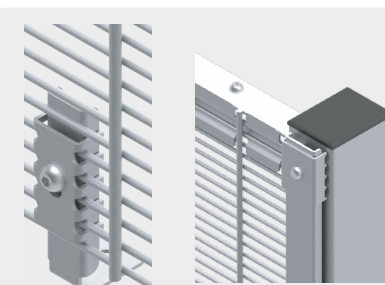
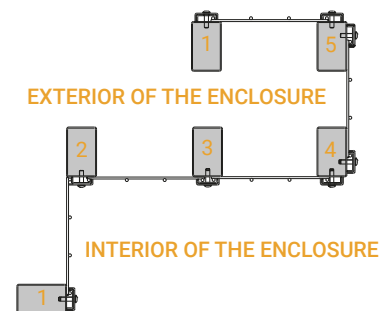


Available options

- Posts with claw hook / plate
- Without upper and lower accessories
- Upper stiffener and ground fixing
- Upper and lower stiffener
- Without end caps and 40 or 60 mm fixing clip

Accessories for each post depending on their height and position

Height	Fixing clamps			Post struts		
	Starting / Centre (1) (3)	End (2)	Corner (4) (5)	Starting / Centre / End (1) (3) (2)	Corner (4) (5)	
1000	2	4	4	1	2	
1500	2	6	4	1	2	
2000	3	7	6	2	4	
2500	3	9	6	2	4	
3000	3	11	6	2	4	

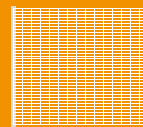


Floor and stiffening beam fixing
Parts to improve the rigidity of the assembly

Vertical dimensions: 1043, 1525, 2036, 2520, 3028

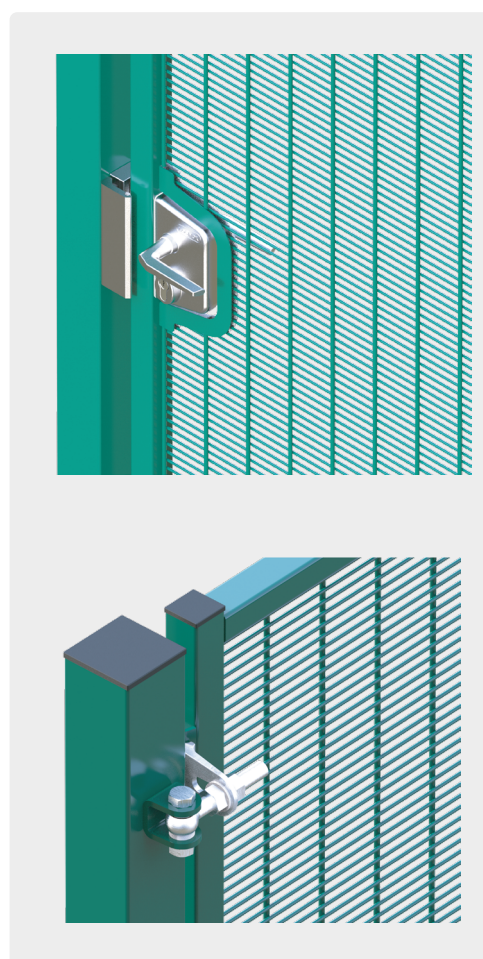
Post types according to their position

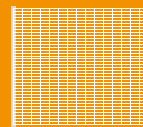
1. Starting: the TUPIFOR post with starting post struts and centre / starting fixing clamps is used.
2. End: the TUPIFOR post with starting post struts and end fixing clamps is used.
3. Intermediate sections: the TUPIFOR post with centre post struts and centre / starting clamps is used.
4. Left corner: the TUPIFOR left end post with starting post struts and centre / starting clamp is used.
4. Right corner: the TUPIFOR right end post with starting post struts and centre / starting clamp is used.



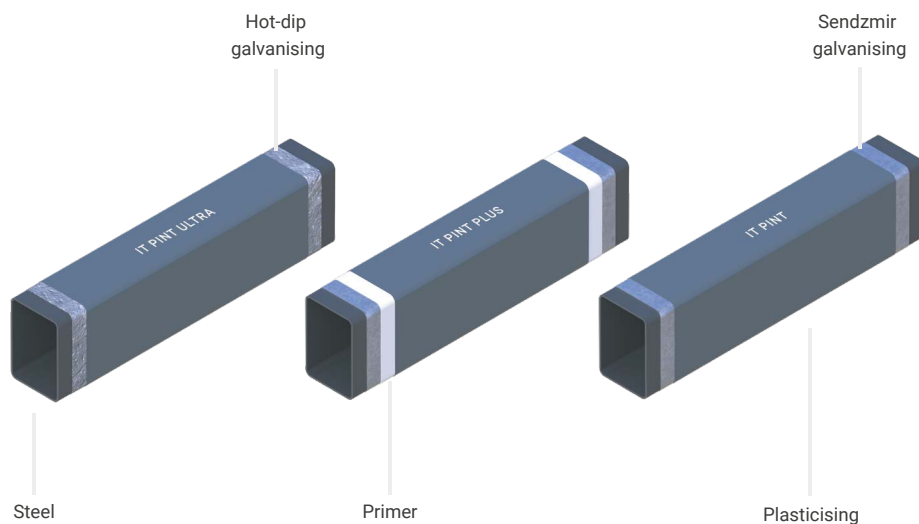
Gates for the TUPIFOR enclosure

Indusmetal Torres offers a complete range of gates for the TUPIFOR enclosure, from single and double leaf swing gates to sliding and self-supporting gates. Gates manufactured with galvanised steel tubes and LOCINOX accessories.





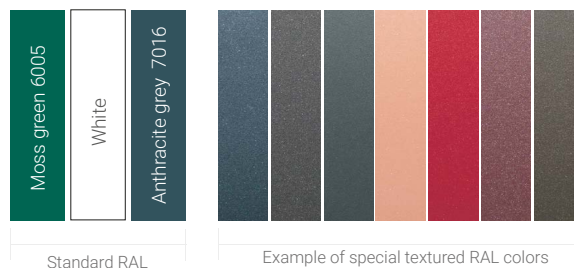
Surface finishing



IT PINT
Steel + galvanizing + plasticising

IT PINT PLUS
Steel + Sendzmir galvanising + primer + plasticising

IT PINT ULTRA
Steel + hot-dip galvanising + primer + plasticising



All finishes have a nanotechnological passivation layer between the steel and the primer or plasticiser.



Any colour from the RAL chart upon request.