



GENERAL TECHNICAL CHARACTERISTICS

Tecnocercos system is a safe, translucent, self-supportive, durable, aesthetic and quick to install solution to encase perimeters in road, industrial, commercial and mining projects, and also for residential projects as live fences. This system is highly versatile and may be installed on hillsides and uneven surfaces, given that a technical evaluation has been previously made.

Tecnocercos is a system based on hot dipped galvanized drawn steel. It is compounded by light elements and has a high strength facing seismic movements. At the same time, its Meccano type assembly guarantees efficient and quick transport and installation.

MODELS

Code	Mountings	Height mm	Length mm
Tecnocercos 1325	3-4	1310	2500
Tecnocercos 1825	4	1800	2500
Tecnocercos 2025	5	2080	2500
Tecnocercos 2425	6	2400	2500

SYSTEM ELEMENTS

Tecnocercos solution is manufactured according to high quality standards. Its posts are A42-27 ES and A37-24 ES certified. Its modular panels are NCh 218.Of 77, NCh 1173.Of 77 and NCh 1174 certified. The steel is cold laminated, AT56-50H quality and yield strength = 5000 kg/cm². Translucent closure is OACI International Standard certified.

This system may include branches for barbed wire or electric fence, as well as doors and gates.

Mesh

Mesh is made in 5 mm wide galvanized or painted wire arranged and horizontally crossed by reinforcements and ribs, allowing a horizontal useful length of 2.5 m.

Metallic posts or round wood logs

Metallic posts are steel profiles. Their characteristics depend on mesh, accessories and/or supplements to anchor them to base plates in the soil. According to requirements, it counts on metal branches on top for barbed or concertina wire.

Doors and gates

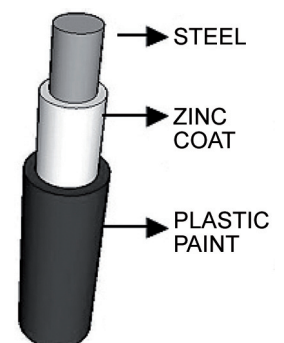
It consists in steel profile frames according to Tecnocercos format, client requirements and each project. This system is applicable to collapsible doors and gates, and also to sliding gates.

Accessories

- Standard or special anchors depending to requirements
- Plastic cap to close post tops.

Coating

Tecnocercos system may count on a hot galvanized protection according to ASTM 123 standard, 200 microns electrostatic painted, or Duplex (Galvanized + Painted) in a variety of colors according to RAL chart.



⊕ SYSTEM INSTALLATION

First, an excavation is made to locate the concrete cube for each post. Later, the posts with anchorage elements to adequately adhere are positioned.

Finally, the excavation is filled with concrete, and once it has hardened, mesh is installed using a variety of attachment elements that goes from simple riveted unions to anti-theft nuts and bolt high protection components.

