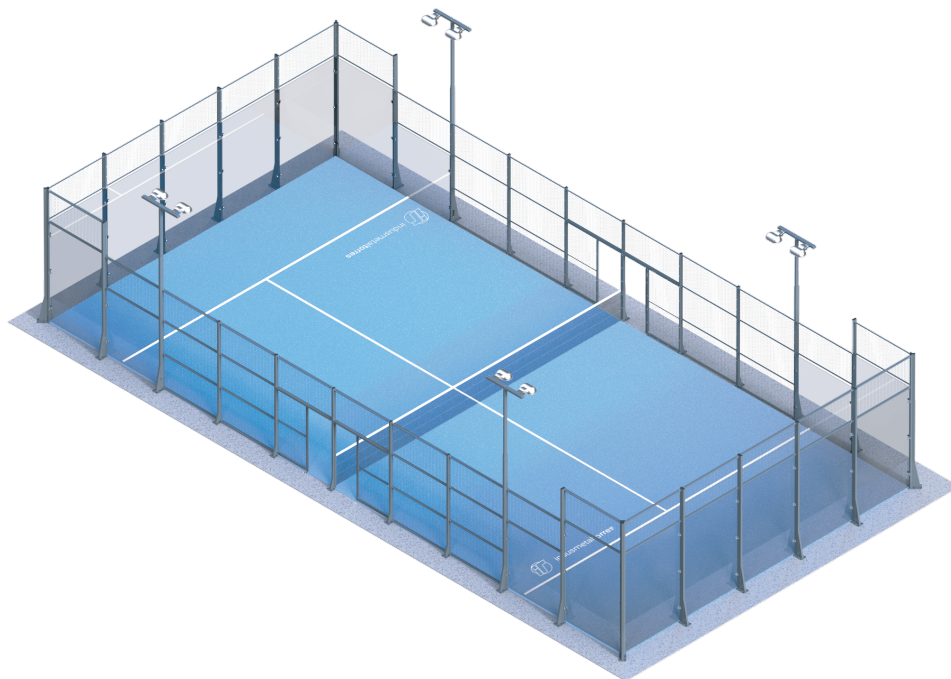




Carteya model padel court

4-opening glass

The most referenced modular padel court on the market. Modular assembly system that reduces transport space, a great advantage for our partners.

Product with quality certification

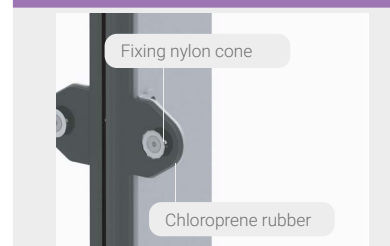


Sistema de Gestión
ISO 9001:2015
www.tuv.com
ID 910529438

General specifications of the Carteya model court

- Internal dimensions: 20 (±0.1) m x 10 (±0.05) m.
- External dimensions: 20.6 (±0.1) m x 10.6 (±0.05) m.
- 50x50x4 mm electro-welded enclosure on 120x60x3 tubular pillars and 80x60x2 tube
- The electro-welded mesh ends are concealed by end caps made of galvanised folded sheet metal
- Enclosure height: 4 m on the back and 3 m on the sides.
- Finishing: oven-lacquered coating based on epoxy-polyester resins
- Fixing: screwed to the pavement with Ø 12 x 160 fixings

Close-up of the glass fixing



General specifications of the glass

- 14 pcs. of tempered float glass measuring 1995 x 2995 mm, 10 or 12 mm thick, to be chosen by the customer, with polished edges and 6 countersunk drill holes for fixing it to the metal structure of the court.
- 4 pcs. of tempered float glass measuring 1995 x 1995 mm, 10 or 12 mm thick, to be chosen by the customer, with polished edges and 4 countersunk drill holes for fastening to the metal structure of the court.
- A 40 mm wide, 6 mm thick chloroprene + EPDM cellular rubber compound is installed as a separating element between the metal structure and the glass.

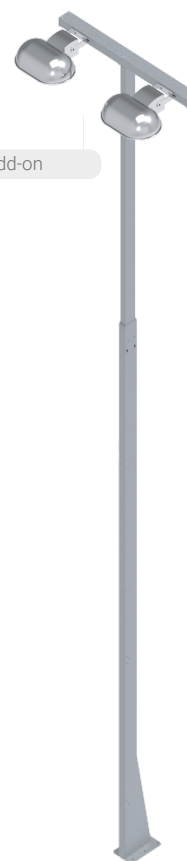
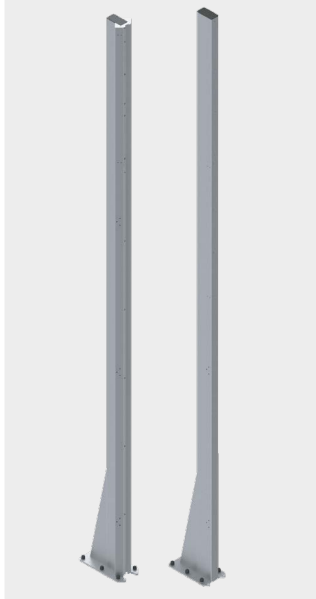
This results in a total of 100 square metres perfectly aligned and with optimum layout. The tempered glass, compared to annealed glass, gains significantly higher resistance to impacts and temperature changes while maintaining its external appearance unaltered. The glass fractures into small, non-cutting, non-hazardous pieces.



Metal structure of the Carteya model padel court

	Section (mm)
Corner pillars	120 x 60 x 3 with profile
4-metre pillars	120 x 60 x 3
3-metre pillars	80 x 60 x 2
Pillar sheet reinforcement	145 x 750 x 3
Back mesh	1975 x 975
Intermediate mesh	1975 x 2975
Opening mesh	L-shaped mesh

Close-up of the intermediate and corner pillars



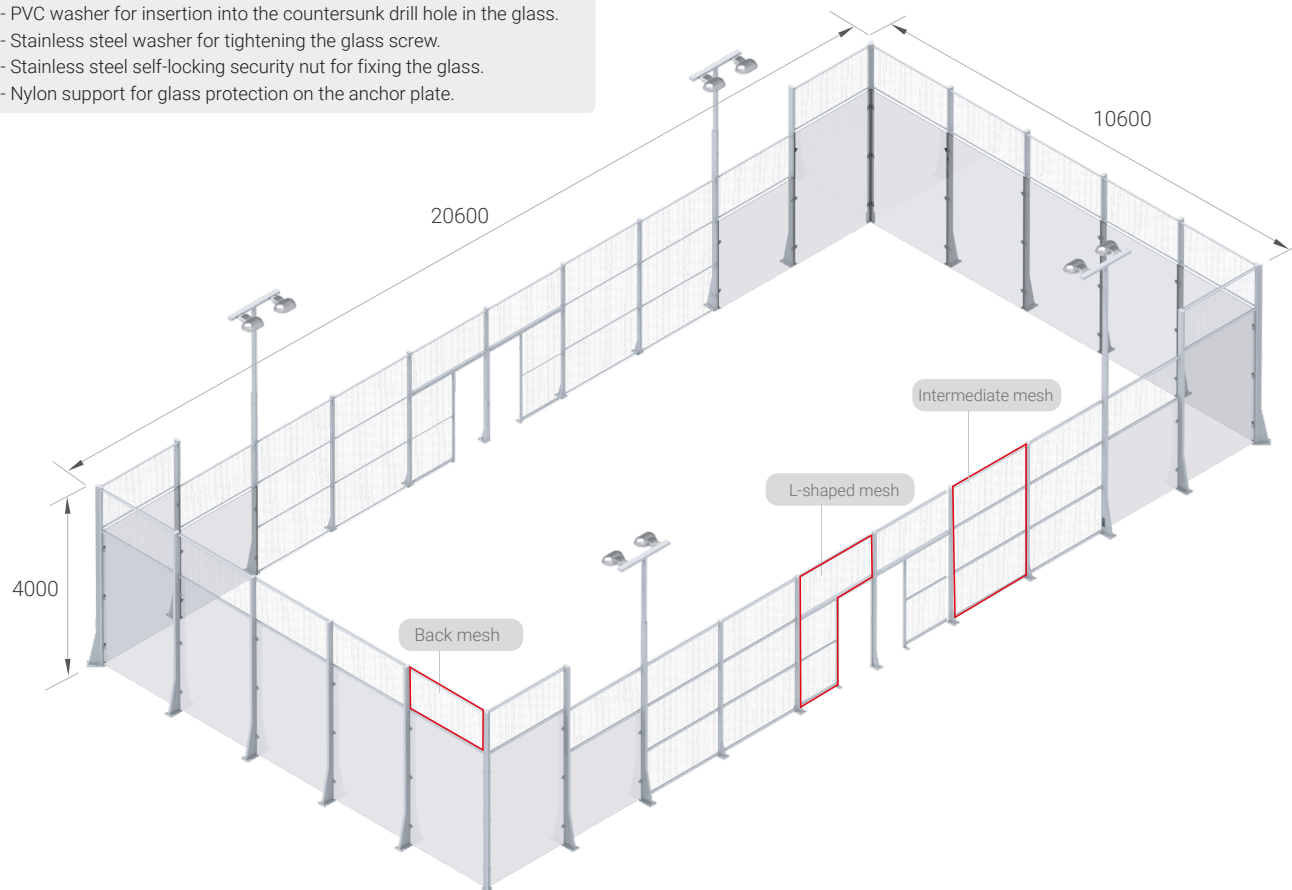
Lighting add-on

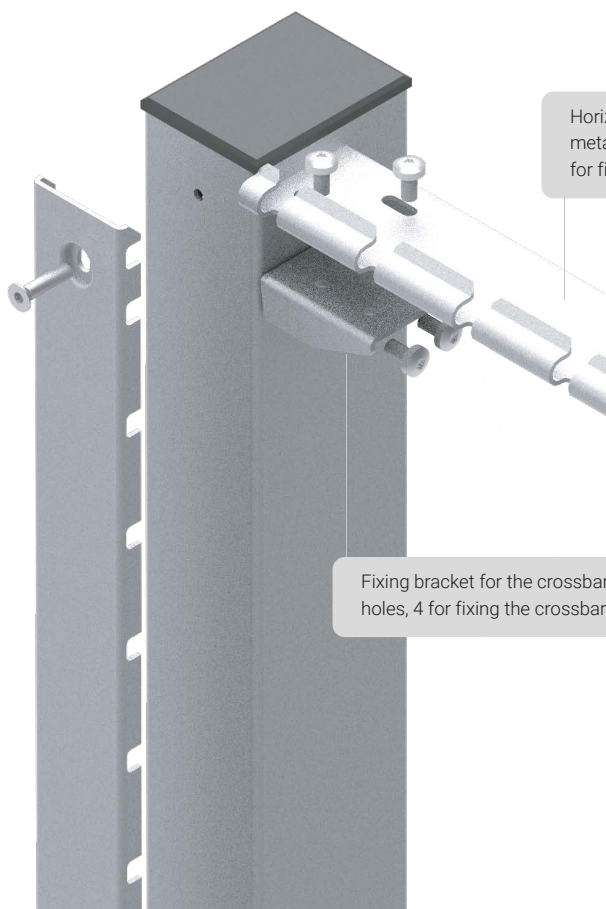
Breakdown of components

- 4 corner pillars of 4000 mm
- 12 pillars of 4000 mm
- 10 intermediate pillars of 3000 mm
- 4 lighting pillars of 4000 mm
- 8 intermediate meshes
- 18 back meshes
- 4 L-shaped meshes

Breakdown of fasteners and accessories

- -6x25 Fastite Torx flat-head screws for fixing the post struts.
- M-6x12 Fastite Torx screws for fixing the crossbars and supports.
- M-7x20 Fastite Torx screws for fixing the glass panels to the supports.
- Male anchor bolt with M-12x160 nut for fixing the anchor plates.
- Black protective nut cap for M-12.
- Stainless steel screw for fixing the glass panels.
- PVC washer for insertion into the countersunk drill hole in the glass.
- Stainless steel washer for tightening the glass screw.
- Stainless steel self-locking security nut for fixing the glass.
- Nylon support for glass protection on the anchor plate.

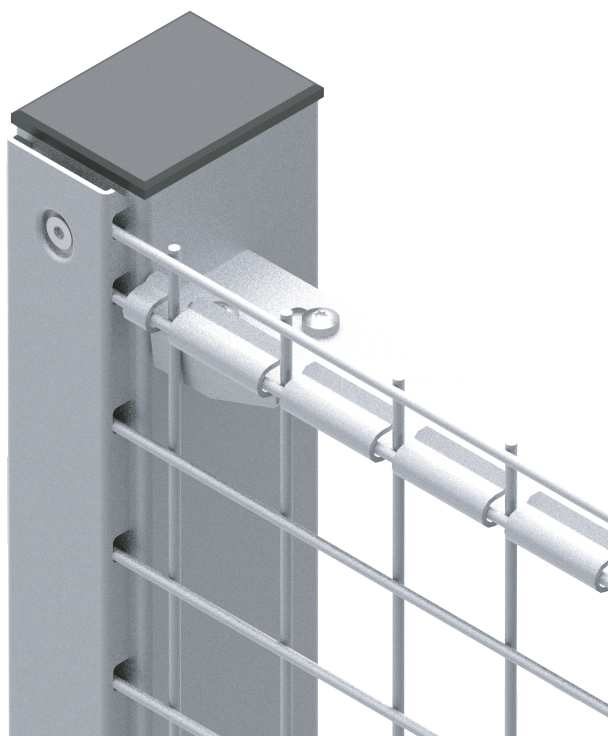




Horizontal crossbars made of 2 mm thick machined galvanised folded sheet metal, with slots for fitting electro-welded mesh and four oval holes at the ends for fixing the Carteya crossbar support.

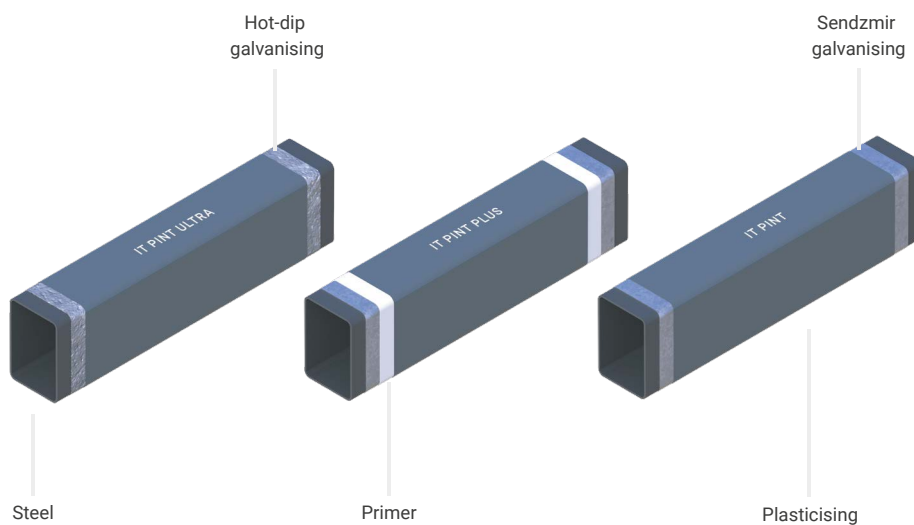
Fixing bracket for the crossbar made of galvanised folded sheet metal with 6 holes, 4 for fixing the crossbar and 2 for fixing to the pillar.

Close-up of the glass fixing





Surface finishing



IT PINT
Steel + galvanizing + plasticising

IT PINT PLUS
Steel + Sendzmir galvanising + primer + plasticising

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



Standard RAL



Example of special textured RAL colors

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



Any colour from the RAL chart upon request.