



Top aesthetic quality finishes

- Panoramic view with no inner metallic posts
- Electro-welded wire mesh flush with the glass (no edges)
- Electro-welded mesh is continuous between frames (injury prevention)
- World Padel Tour type open entrances
- Net posts matching the structure
- Corners finished off with trims

Sturdy finishes

- Complete structure in hot galvanized steel
- 156 metallic anchor bolts, certified and homologate by the EU
- A4 stainless steel screws, M10 metric
- Wire mesh rests on its entire perimeter on a frame (no glass)
- Large pillars of 120 x 60mm and 120 x 80 reinforced with buttresses
- Ventilation holes



Technical description: PANORAMIC METALLIC STRUCTURE (EN 1090)

Impressive panoramic court especially designed for professional players, maintaining robustness, but emphasizing an unbeatable aesthetic finish and expanding the viewer's vision. It is distributed in:

- Panoramic walls built with 116 meters of hot galvanized tube 120 x 60 x 2 mm around the perimeter of the walls of glasses, both in the width and in the length sides, forming a double tube in the corners of the padel court to stiffen the structure, providing greater safety with a great aesthetic quality. The panoramic walls are anchored to the ground with 96 homologated metallic anchors. Glasses are fixed perimetrically to the structural tube and the glasses are perfectly flush with the mesh, without edges.
- 14 frames built with 40 x 40 x 2 mm tube with total measurements of 1 x 2 meters (installed over the panoramic wall), with 48 x 48 x 4 mm thick electro-welded wire mesh (picture shows the WPT system with 14 frames)
- 12 metallic frames with 40 x 40 x 2 mm tube with total measurements of 3 x 2 meters (in the central 12 metres of each length of the court) with a 48 x 48 x 4 mm thick electro-welded wire mesh, reinforced internally with two extra 40 x 40 x 2 mm tubes to ensure the long-term stability of the wire mesh (4 frames are adapted to form 2 large open entrances).
- 8 pillars 80 x 80 x 2 mm thick and 3 meters high, with anchor plates measuring 26x16x1 cm thick which are reinforced with 10cm tall buttresses. Each pillar is anchored to the ground using 4 homologated metallic anchors. They are positioned every 2 metres to reinforce and brace the structure.
- 4 pillars 80 x 80 x 2 mm thick and 6 meters high, designed for lighting to be installed, with special anchor plates, bolted to the structure to prevent shadows. With a cross brace to support the floodlights.
- The four corners of the structure are lovingly finished off with trims.
- 2 large open entrances in the centre of the court to facilitate players' quick and safe access and exit.
- Set of top-quality net posts and competition net comprising:
 - Set of net posts, made in square tube with a removable internal tightening mechanism. Reinforced net posts, hot galvanized and painted to match the rest of the structure.
 - Competition net made of 5 mm knotless polypropylene yarn and 40x40mm mesh. Long-lasting polyester upper strip with a 6 mm plastic-coated galvanized steel cable.
- All screws are A4 stainless steel and M10 metric; additionally, UV-resistant nylon protective washers are used with the glass. The anchors bolts are certified and homologated by the EU.
- All the metal used to produce the metallic structure of the padel court is carbon steel S235JRH (EN 10219) hot galvanized; the wire mesh is pre-galvanized, and the anchor plates are hot-dip galvanized. We shape the material in our factory, taking all details into account in a flow production system featuring specialised storage, cutting, drilling, assembly and rack packaging processes.
- 9 stage painting process: (1) degreasing; (2, 3 y 4) triple wash using osmotic water; (5) nano-ceramic passivation; (6) wash again; (7) drying; (8) application of electrostatic coating (in the colour of your choice, normally RAL6005 green, RAL5017 blue, RAL7016 dark grey, RAL9005 black) using thermosetting polyester paint; and (9) polymerisation tunnel at 200-230°C.

Technical description: TEMPERED GLASS (EN 12150)

According to the standards of the International Padel Federation for tempered glass 10 mm or 12 mm thick, with flat polished edge, with perfect planimetry and fully homologated according with the WPT design: 18 glasses of 2995 x 1995 mm, with 6 countersunk holes (108 m²).

EPDM rubber joints of the highest quality, with the same thickness as the metal section and 5mm thick, to absorb shock and vibration of the glass against the metal structure.

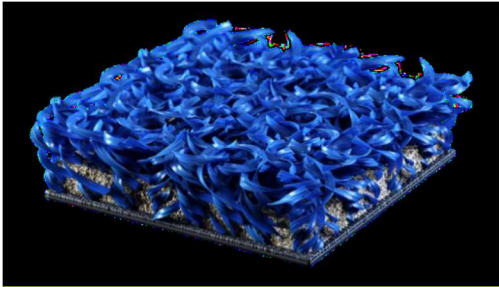
Anchoring of tempered glass with countersunk screws A4 stainless steel and M10 metric, protected with UV-resistant nylon covers.

Installation system: the glass is supported on its entire perimeter in the metal structure and, at the same time, rests on the anchoring plates of the structure that are over-raised from the ground 15 mm, facilitating the exit of rainwater and the artificial grass finish below the glasses.



Technical description : MONDO ARTIFICIAL TURF (EN 147301)

MONDO XN SUPERCOURT (Official Turf of World Padel Tour) - top quality monofilament in green, red or blue colour. Turf made from STX and XNOVA, both polyethylene fibre, texturized (curly) monofilaments, 10 mm height and 250 / 160 Qm thick. 6 monofilament fibres inserted per knot and 46.200 knots per m2 (total: 554.400 filaments per m2). 10.000 Dtex turf with a total fibre weight of 1.393 g/m2. Support base finished in polyurethane to ensure better long-term finish, with a total product weight of 2.208g/m2.

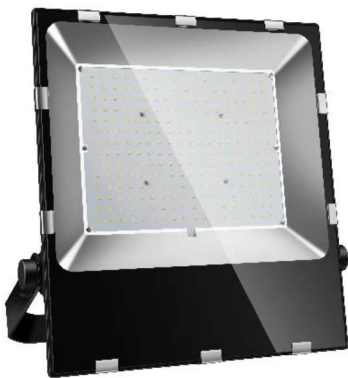


PADEL MFT - top quality monofilament in blue, green, clay, red, pink or black colour. Turf made from polyethylene fibre, texturized (curly) monofilaments, 10 mm height and 170 Qm thick. 6 monofilament fibres inserted per knot and 50.394 knots per m2 (total: 806.304 filaments per m2). 8.800 Dtex turf with a total fibre weight of 1.353 g/m2. Backing made with a dual layer woven polypropylene with fibrelocked fleece and latex, with a total product weight of 2.504g/m2.

Game lines in white in the same material, joint tape, special adhesives, as well as supply and extension of silica sand of selected granulometry with rounded edges, in a total of 10 kg/m2 for SUPERCOURT and PADEL MFT.

Technical description: LED LIGHTING (EN 12193)

LED ultra slim floodlights, 150W or 200W of power with high luminosity, high efficiency heatsink, and high-quality driver:



CLUB	Model	MASTER
150w	Power	200w
22.500 Lm	Luminous flux	30.000 Lm
150lm/w	Luminous efficiency	150lm/w
>0.95	Power factor	>0.95
4000K	Colour temperature	4000K
120°	Beam angle	120°
50.000 hours	Lifetime	50.000 hours

CUSTOMISE YOUR PADEL COURT

- Structure colour: choose any colour on the RAL chart or combine them in the padel court.
- Zinc primer: for places with very humid or corrosive atmospheres or climates.
- Turf model and colour: top quality MONDO (WPT official turf) or PADEL MFT, colour of your choice.
- Lighting pillars and illumination: choose the shape of the pillars and the number and power of the LED floodlights for personal, commercial or tournament use.
- Doors: open entrances without doors (WPT design), sliding doors or hinged doors (access control devise).
- Corner posts: customise the court with the brand or name of your choice
- Protectors: cushioned covers on the net posts and entrances, with space to insert advertising.
- Ball-stop nets: avoid losing balls by installing protective nets on the upper section of the padel court.
- Manual scoreboard or digital scoreboard with tactile push button behind the padel' glass and optional live broadcast

