

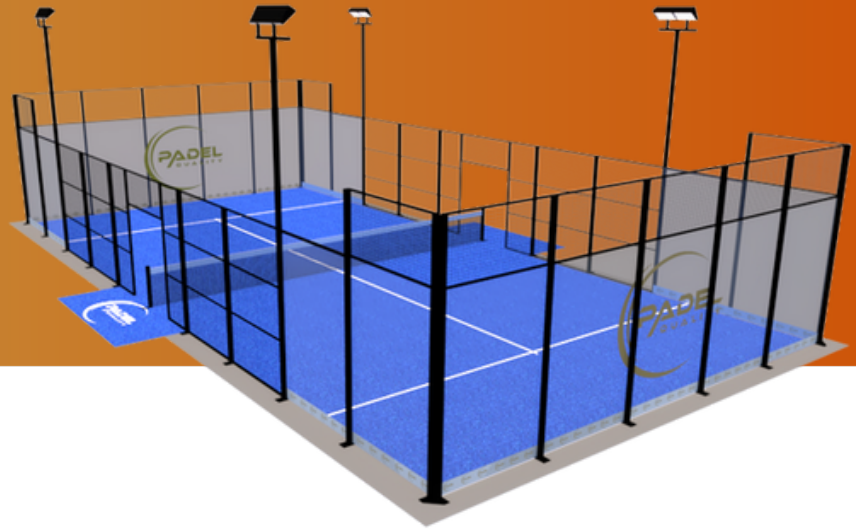
TITAN COURT - TECHNICAL DATA SHEET



WE RISE BY LIFTING OTHERS



OUR TITAN COURT IS MANUFACTURED WITH PREMIUM CE CERTIFIED MATERIALS AND MEETS ALL THE REQUIREMENTS DEMANDED BY THE IPF AND THE LTA



STRUCTURE

- Steel used throughout the court S-235 JR.
- 28 pillars of 100x50mm section at 3000mm height with plates for fastening frames and 200x200x10mm plates for anchoring to the pavement welded in the factory.
- 8 frames of 3000(±3) mm x 2000(±5) mm made of 60x20x2mm tube in the upper and lower horizontal part; and 2 horizontal crosspieces made of 40x4 mm plate as support for the electro-welded mesh. In addition, it is formed by 2 85mm and 3mm thick plates, 3m long, folded at 90° to adapt to the pillars. The whole assembly is welded in the factory to form a supporting frame (the number of panels varies according to the type of access defined), leaving a frame ready to receive a 2995 x 1995mm tempered glass.
- 4 frames 3000(±3) mm x 1000(±5), formed by 60x20x2 mm tube in the upper and lower horizontal part; and 2 horizontal crosspieces made with 40x4 mm plate as support for the electro-welded mesh. In addition, it is made up of 12 85mm and 3mm thick plates, 3m long, folded at 90° to adapt to the pillars. These panels have direction, so there are two on the right and two on the left. The whole assembly is factory-welded to form a load-bearing frame (the number of panels varies according to the type of access defined).
- 2 frames 2000(±3) mm x 800(±5), made of 60x20x2 mm tubing around the perimeter, to form, together with the 3000x1000 panels, the access openings to the runway.
- 4 lighting poles made of 100x50 mm tube, 6000 mm high, on a 200x200x10 mm anchor plate, welded in the factory.
- 2 net posts made of 80x80x2mm tube with a height of 960mm, prepared for a central net and the tensioning system. Including the necessary parts for the placement of the net.



GLASS



- 18 walls of 10 mm thick tempered glass measuring 1995x2995 mm. Thermally tempered glass according to UNE-EN-12150-2 standards and according to the "HEAT SOAK" test of the UNE-EN-14179-2 standards.
- 60x4 mm black EPDM (ethylene propylene) gaskets to be installed between the glass walls and the metal structure, offering exceptional performance in extremely adverse weather and temperature conditions.
- PVC ring to be installed in the conical holes of the glass walls to avoid contact between the glass fixing screw and the glass.
- Complete set of stainless steel Allen screws with countersunk head DIN M8x30 to fix the glass walls to the pillars.

LACQUERED

- **PLAFORISATION:** Degreasing and organic phosphating system, by means of a spraying process using low-pressure guns, which requires a drying phase in an oven at 160°C. Characteristics: - Physical state: liquid - Appearance: Transparent, colorless to slightly straw. - Viscosity: 45 – 60" C.F: 2 at 20°C
- **PAINTING:** Application by electrostatic charge through automatic equipment consisting of 10 application robots + two touch-up guns, which requires a polymerization phase at 200°C.
- **ZINC PRIMER:** Application by electrostatic charge through automatic equipment made up of 10 application robots + two touch-up guns, which requires a pre-polymerization phase at 145°C. (On Demand)



SCREWS



- Floor anchor bolt M12
- Washer DIN 125 M12
- Self-locking nut M12
- Hexagon boltG. DIN 933 M12 12x60
- Hexagon boltG. DIN 933 M12 12x120
- Self-tapping screw M6
- Net ratchet
- Pulley 70x10
- End cap 100x50
- End cap 100x40

(More information will be available under request in a separate file.)

LED LAMPS

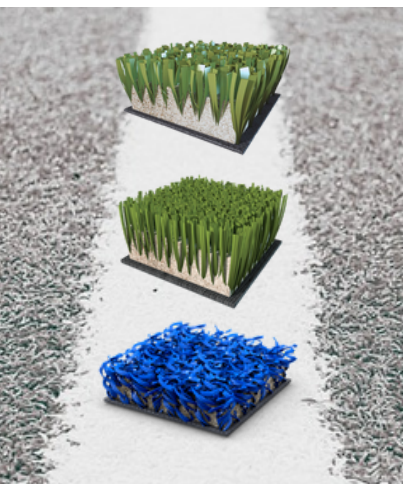
- Watts: 200
- Dimensions: 439x346x56mm
- IP65 rating
- Dimmable: No
- Lumens: 1600
- Warranty (Years): 5
- Beam Angle: 100
- MP > 0.9 Unit
- Color: Black
- HR > 80
- Rectangular shape

- Body Type: Die-cast aluminum
- AC input power: 220-240V 50Hz
- Product Life: 30,000 Hours
- Chip Type: LED SMD Samung Chip
- Sensor Compatibility: Yes
- IP Rating: IP65 LED Chip Solution 9V 100mA



(More information will be available under request in a separate file.)

TURF



Type: Fibrillated
Stitches = 50.400 m2

Height = 13 mm

Dtex = 5.500 DTex

Type: Monofilament
Stitches = 44.100 m2

Height = 13 mm

Dtex = 8.400 DTex

Type: Textured
Stitches = 67.200 m2

Height = 10 mm

Dtex = 8.610 DTex

(More information may be requested in a separate file. These measures will depend on the specific provider)