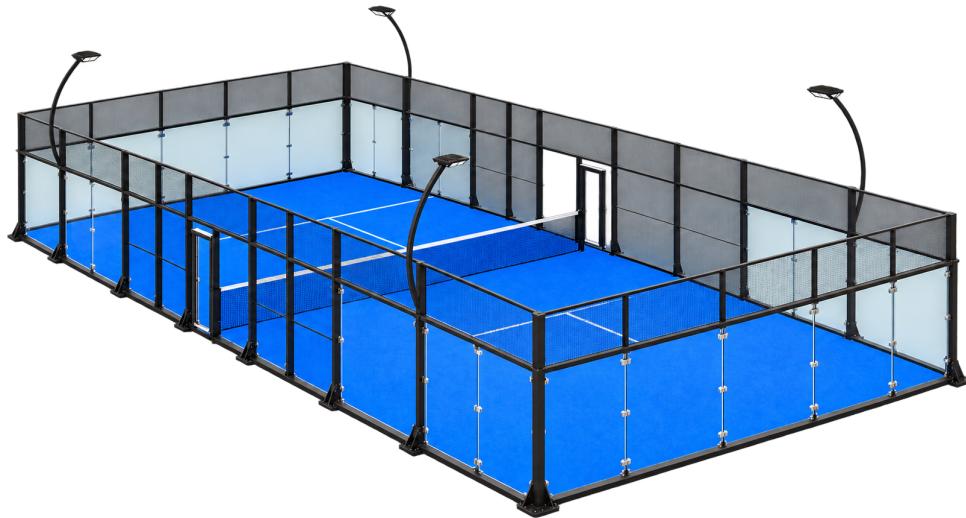


Padel court. Technical specifications.

Steel framing, anchorage and support systems.



Illustrative render. Refer to the specifications for component dimensions and quantities.

Court structure

8 side frames: 118.11 × 78.74 in

4 additional frames: 118.11 × 39.37 in

Galvanized S235JR steel sections: 3.150 × 1.575 in

Additional galvanized members in the 8 side frames: 1.969 × 0.197 in

Galvanized welded mesh: 1.969 × 1.969 in grid; 0.157 in wire

Frame anchorage plates: 0.394 in thick

Corner pillars

Quantity: 4 corner pillars

Galvanized S235JR steel sections: 5.906 × 5.906 × 0.118 in

Base plates: 0.394 in thick, secured with anchor bolts

Lower glass supports

Material: Galvanized structural steel tubing

Tube sections: 3.937 × 1.969 in

Total linear length: 1417.32 in

Function: Lower glass-panel restraint

Access modules

2 access modules: 78.74 × 31.50 in

Galvanized steel sections: 3.150 × 1.575 in

Galvanized welded mesh: 1.969 × 1.969 in grid; 0.157 in wire

Upper perimeter ring

Material: Galvanized S235JR steel

Steel sections: 5.906 × 1.969 × 0.118 in

Lighting supports

Quantity: 4 supports for curved lighting profiles

Galvanized steel sections: 5.906 × 1.969 × 0.118 in

Glazing, turf and equipment.

Glass panels, playing surface, LED lighting and protective finish.

18

Glass panels

0.472 in

Glass thickness

4

Lighting supports

8 × 200 W

LED floodlights

Tempered glass

Quantity: 18 tempered-glass panels**Panel dimensions:** 117.91 × 78.54 in**Thickness:** 0.472 in**Attachment:** Through-bolted glass panels**Specification:** Meets International Padel Federation requirements, as stated by the manufacturer.

Turf installation

Infill: Silica sand with selected particle grading**Adhesive:** Two-component adhesive

Protective finish

Corrosion protection: Entire court structure hot-dip galvanized in zinc**Coating:** Oven-cured paint finish

Synthetic turf

Fiber: Curled polyethylene**Pile height:** 0.472 in**Yarn specification:** 9,000 dtex**Available colors:** Green, red or blue

LED lighting

Quantity: 8 LED floodlights per court**Power:** 200 W per floodlight**Operation:** Energy-efficient, instant-on lighting

Fasteners

Material: A2 stainless steel**Protection:** Plastic protective caps