

PADEL COURTS

Building the future of **PADEL** - one court at a time



MANUFACTURING - INSTALLATION - MAINTENANCE

www.armoredpadel.com

Production process under ISO 9000 - ISO 14000 - GB/T45001



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MATERIALS

Item	name	size	qty
1	corner post	100*100*3mm square tube	4pcs
2	glass	2*3m*12mm	18pcs
3	mesh frame post	50*100*3mm	12pcs
4	mesh frame	1*2m*4mm	13pcs
5	mesh frame	2*3m*4mm	8pcs
6	beam	50*100*3mm	36pcs
7	LED	200W	8pcs
8	LED post		4pcs
9	tennis post	50*100*2-3mm	2pcs
10	tennis net		1pcs
11	turf grass	height 15mm blue	210sqm
12	high strength bolts and nuts		



OUR COURTS

- **Court**

- Outline size: 20530mm x 11700mm x 6000mm
- Court size: 20000mm x 10000mm

- **Turf**

- Type: monofilament artificial grass;
- Height: 15mm;
- Density: 63000 needles/m²; Dtex: 6600D; Gauge:3/16”;
- Standard: GB/T 20394-2006 <Artificial grass for sports>,UNE 41958 IN ;
- Filler: quartz sand, granularity:50, quantity 6kg/m²;
- Elasticity: BPR value>=80.

- **Tempered Glass**

- 18 pieces of tempered glass as the defense wall glass, with a specification of 2000mm x 3000mm x 12mm.
- Type: Explosion-proof tempered glass;
- Size: 1995mm*2995mm;
- Thickness 12mm;
- Characteristic: impact resistance, The grape-shot bag impact property and fragmented form comply with GB 15763.2-2005 <Safety glazing materials in building Part 2 - Tempered glass>; All burrs, sharp corners, and chamfers have been removed from the perimeter.
- Standard: GB/T20394-2006, EN12150-1.



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- **Columns and Mesh**

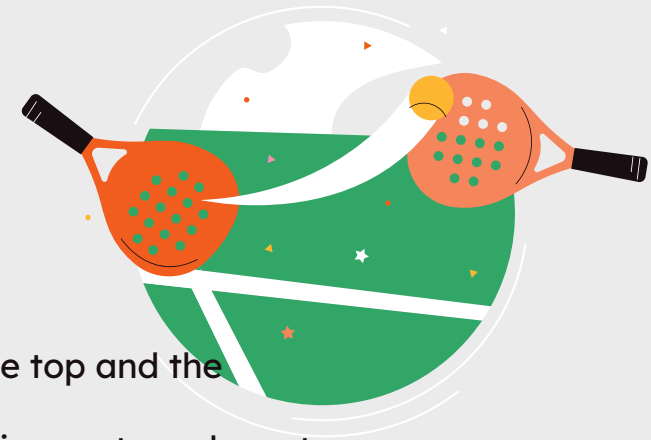
- Vertical angle between column, glass and ground should be less than 1°;
- The tempered glass joints are isolated by rubber pads with a Shore hardness of 85±2°.
- Column: 100x100x3mm /100x50x3mm steel tube. Frame: 30x50x3mm steel tube;
- Frames are connected with stainless bolts;
- Ends and both sides height 4m, Middle of sides height 3m. Doors in the middle of both sides;
- Net diameter 4mm, mesh distance 50x50mm, there are safeguard measures in the end of mesh avoiding scratch, surface adopts electrostatic powder spraying which makes surface smooth, various indexes comply with GB15065-94 and IE60502, water absorption rate: 0%. The mesh and square tube sections are flush, and the sections are not exposed.
- Standard: GB15065-94,IE60502.

- **Light System**

- The top is equipped with 200W LED lights for night lighting, a total of 8.



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- **Others**

- The with of the doors are 1850mm. Both ends of the doors, the top and the tennis posts are wrapped with soft sponge.
- The steel product standards comply with GB/T 699-1999 requirements and meet the use intensity of equipment.
- The welding parts are welded with carbon dioxide gas protection welding, unbreakable and firm, beautiful welding seam, free of leakage welding, virtual welding, slag, cracks and other defects.
- Zinc-rich base powder + spraying, smooth surface, uniform color, firm combination.
- Surface treatment process: Degrease, shot blasting, zinc-rich base powder + electrostatic coating
- Installation: High quality expansion anchor bolt



WORRY FREE MAINTENANCE

Invest a small monthly fee for peace of mind with our preventive maintenance program, including free 48-hour glass replacement with no labor charges.