



PADEL COURT SYSTEM

BY CV. PREMIUM INTERNUSA ABADI

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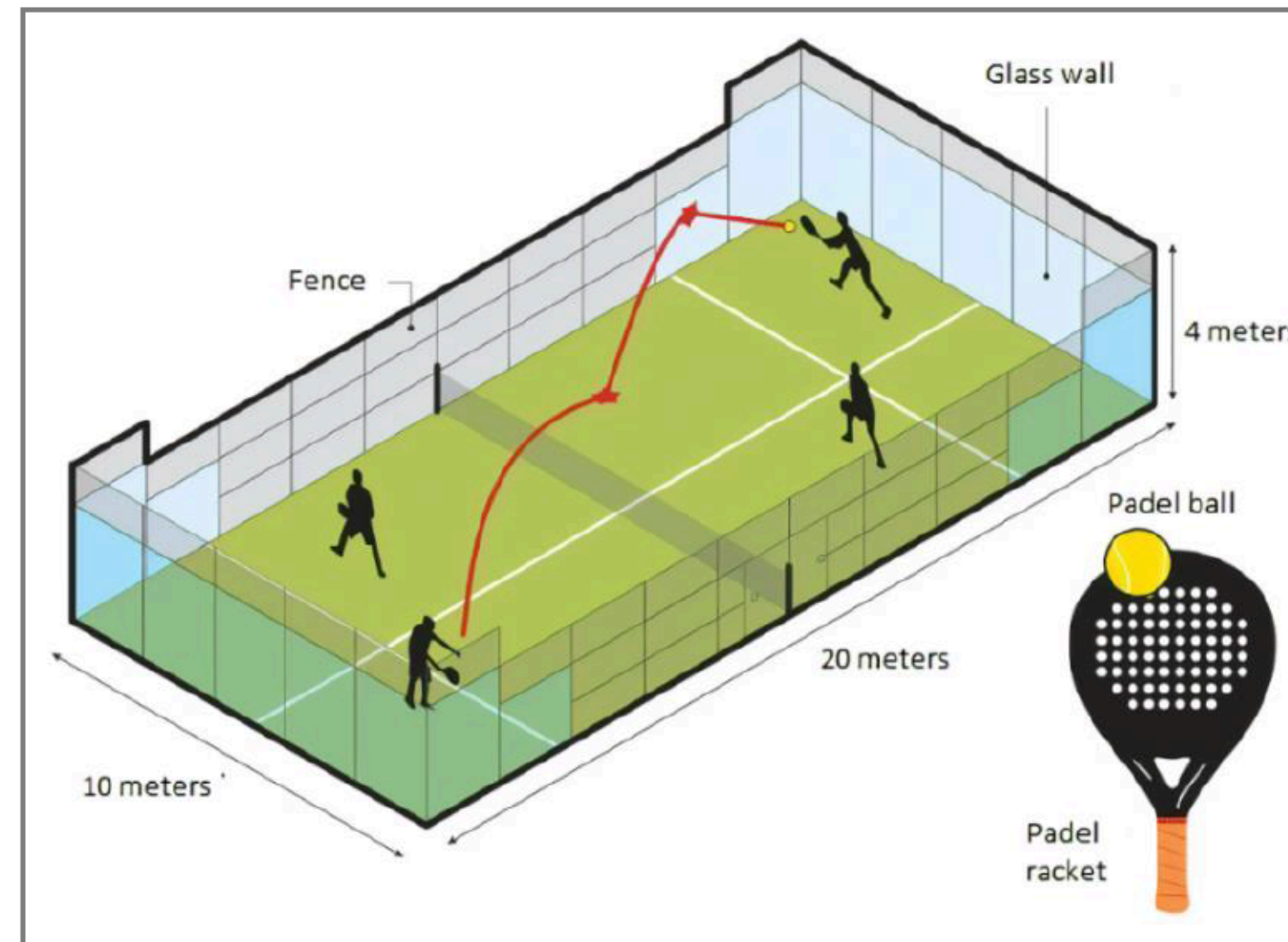
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Since 2020

PADEL COURT



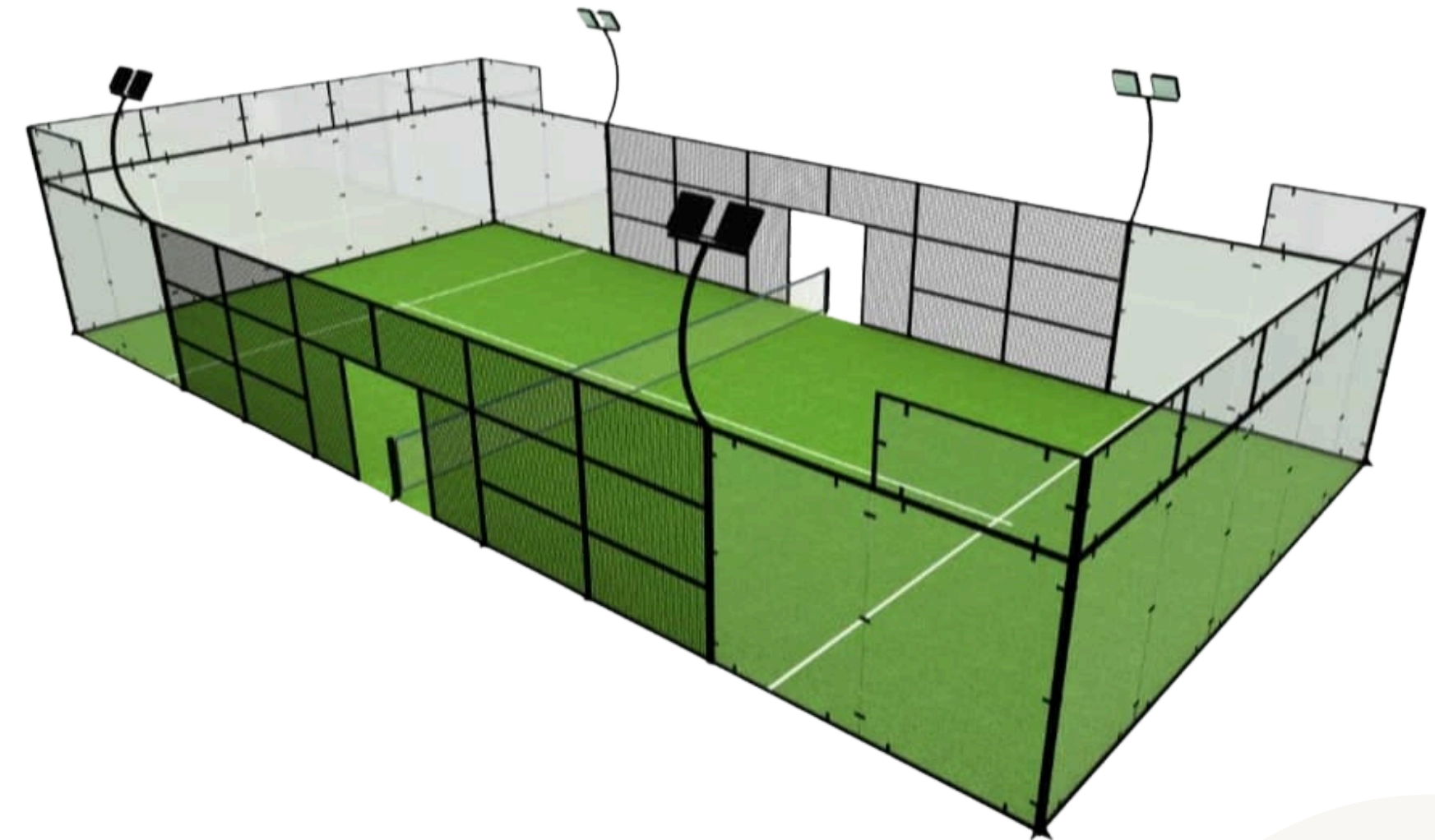
Padel court size: **10x20m**; It requires windows or steel fences to surround the court. The back of the court and the beginning of the two sides are made of seine and glass windows (**height: 4m**). The remaining sides are made entirely of seine (**height: 3m**). Access to the pitch is on each side of the fence.



TECHNICAL DETAILS



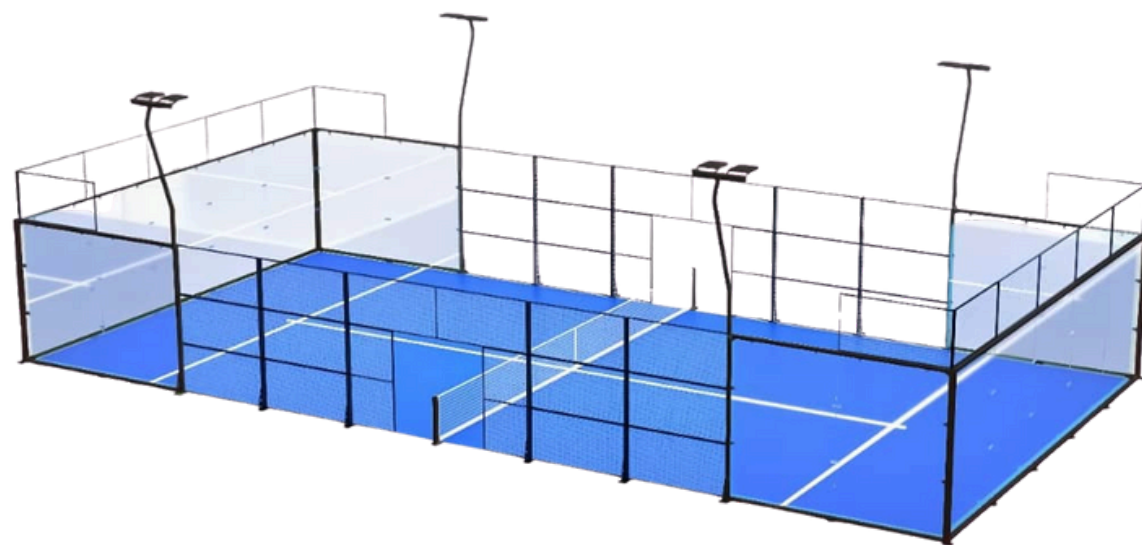
TECHNICAL DETAILS		
Dimensions	Width: 10 meters	Length: 20 meters
Infrastructure - Concrete Beam	Width: 40 cm - Length: 50 cm	Concrete C30
Infrastructure - Field Concrete	c20 feld concrete with 15 cm thick steel mesh	
Water Drainage	d the water is discharged from the surface.	
Steel Construction	Double Corner Columns: 100 x 100 x 3 mm Beams: 100 x 80 x 3.5 mm Modular bolted system	Center Columns:100 x 80 x 3.5 mm Height: 3 - 4 m
Steel Mesh	Mesh Size: 50 mm * 50 mm	Wire Thickness: 4 mm
Steel Surface Coating	Electro Galvanized Coating	Electrostatic Powder Coating
Resistance	Maximum Wind Speed: 75 km/h	
Glass	10 mm Tempered Glass	
Lighting	8 Pieces 200 W LED Projector	
Synthetic Grass	11 - 13 mm FB - MFF _ TXT	
Equipment	Padel Posts and Net	
APPLICATION METHOD		
Concrete Beam	Plywood molds should be connected and the process should be done solidly.	
Infrastructure	The existing ground should be well compacted and leveled. It should be inclined in one direction There should be no corrugation on the floor and the court must be concrete.	
Steel Construction	Welding and painting works must be done in the factory and the steel construction should bemonuted on the ground with screws in the court.	
Steel Mesh	It is fixed to the columns with fasteners	
Glass	It is fixed to the steel construction with special glass fasteners.	
Lighting	Lighting projectors are fixed by adjusting their angles and spacing to illuminate the entire court	
Synthetic Grass	Synthetic grasses obtained from special PE raw materials, with high resistance UV additives andproduced in accordance with game performance, are combined in place with Joint Tape and PU Gluein accordance with the project. Lines are placed using the original self-colored white synthetic turf.Then, the feld is filled with sand filling material in accordance with international criteria and the finastage is started. After leveling and brushing, the game is ready to play. The synthetic turf system isproduced in accordance with the ball bounce criteria in padel games	
Equipment	Padel poles and net are installed	
COLOURS		
Steel Construction	Standard: Black	Optional: All Ral Codes
Steel Mesh	Standard: Black	Optional: All Ral Codes
Synthetic Grass	Synthetic Grass Carpet: Green, Blue Red	
PACKAGING TYPES		
Steel Construction	It is shipped on pallets that are produced in special sizes and bonded	
Steel Mesh	It is shipped on pallets that are produced in special sizes and bonded	
Glass	It is shipped on wooden pallets.	
Lighting	It is shipped in boxes of special sizes.	
Synthetic Grass	It is shipped in 2 and 4 meter length rolls. Joint tape comes in 1.4 m rolls The glue comes in two-component buckets.	
Other	Various, Pallet, Sack and Free products	



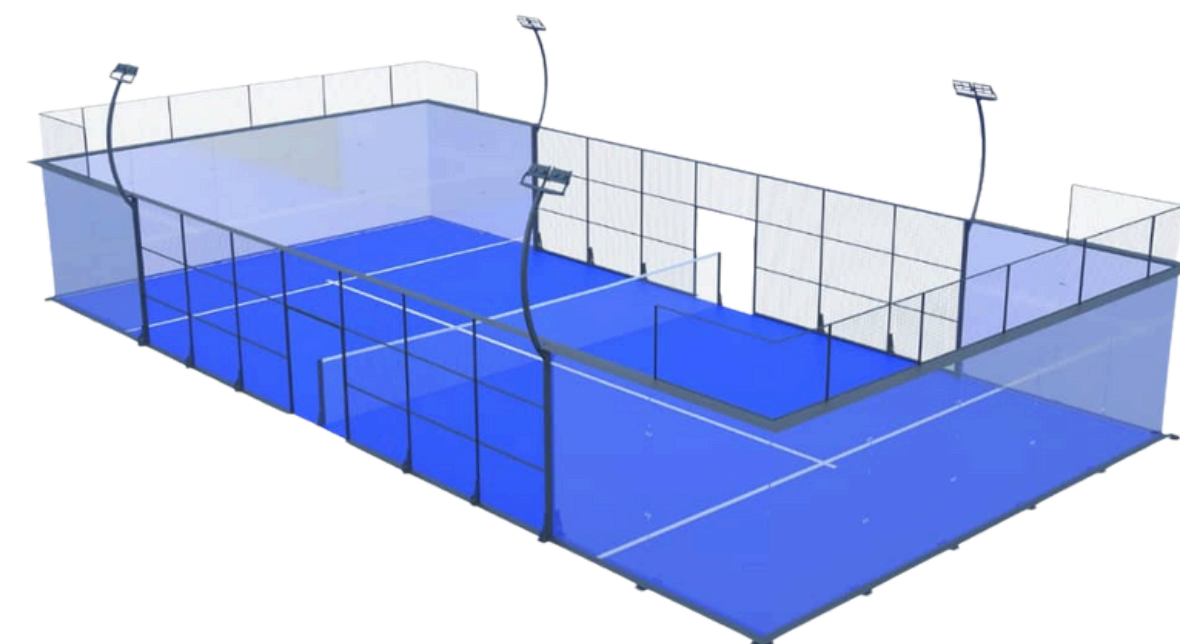
PRODUCT OPTIONS



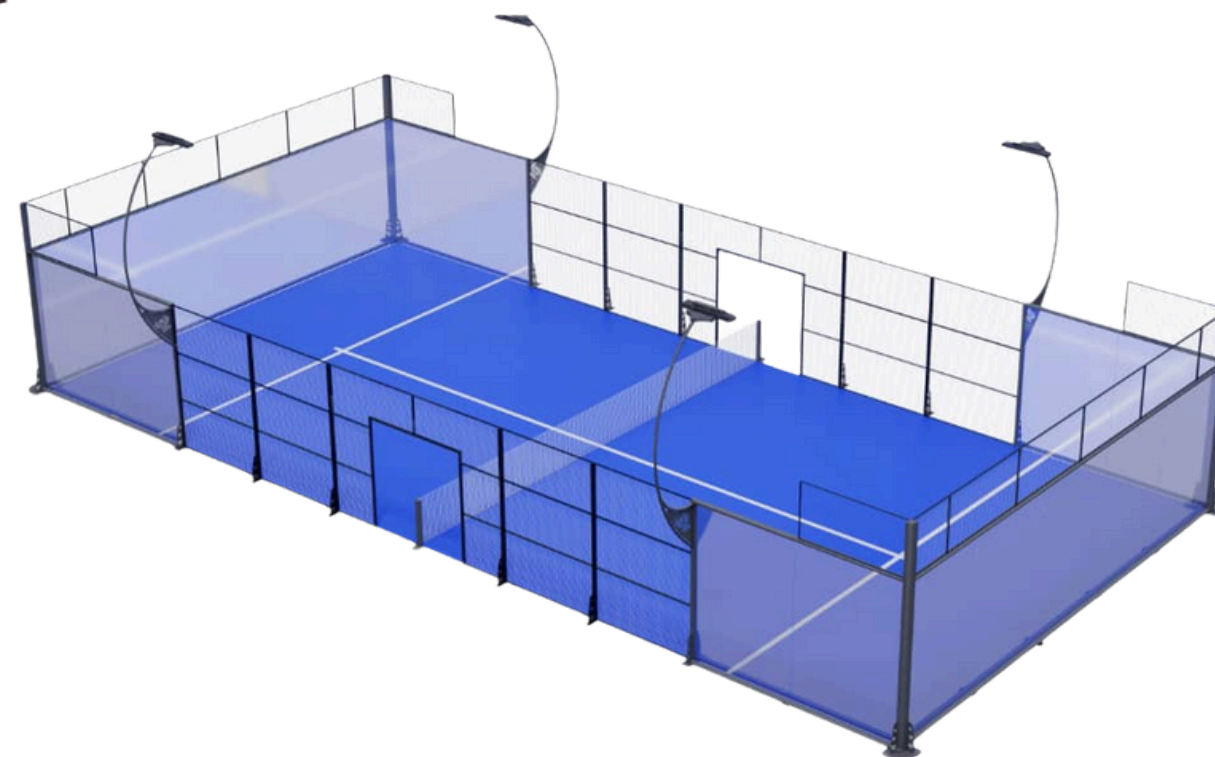
We have 3 types of products: **Classic**, **RCF**, and **Super Panoramic**. The main difference between all three is just on the corner parts of the court and the shape of steel surfaces.



Classic



Super Panoramic

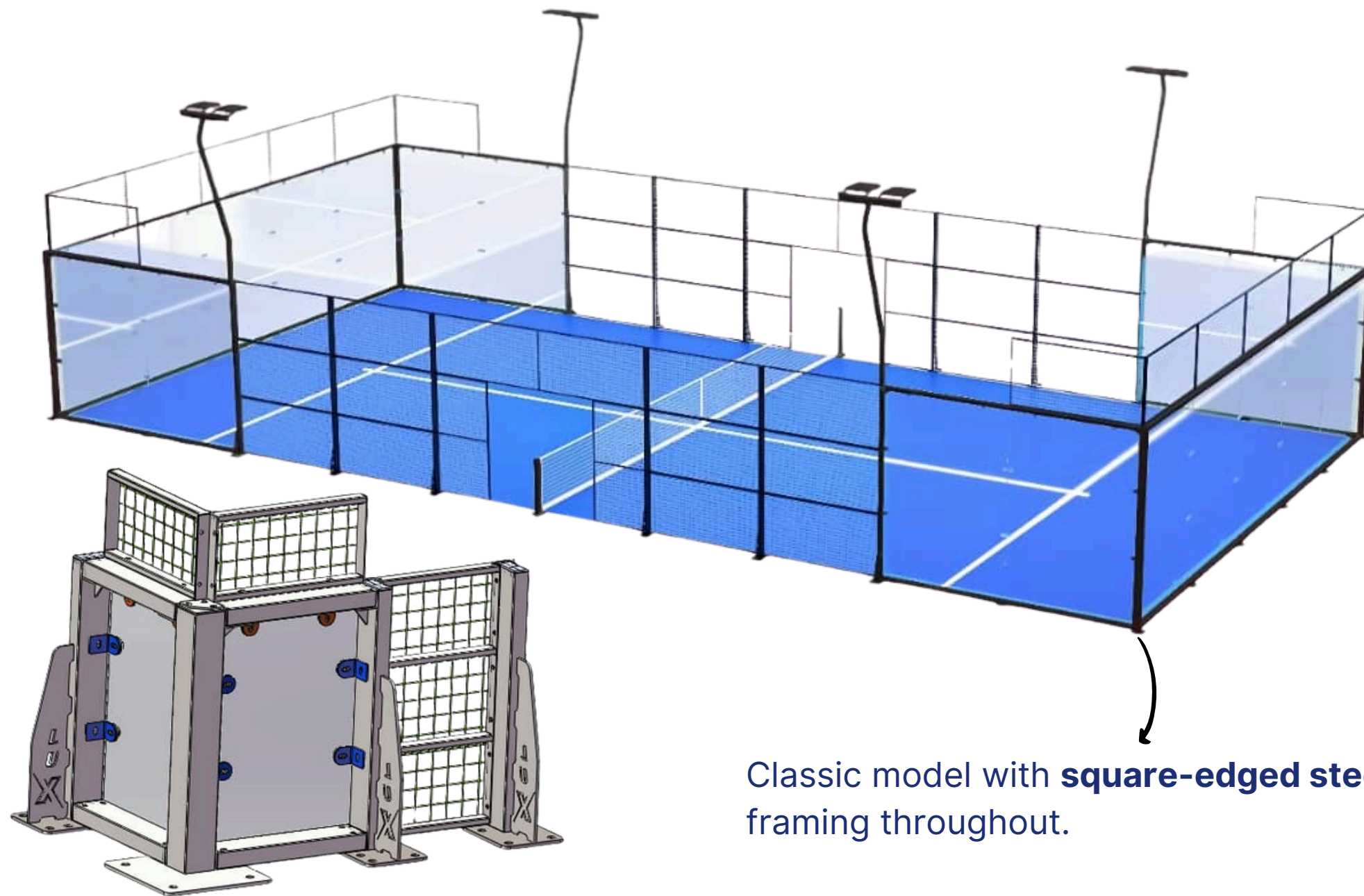


Rounded Corner Frame (RCF)

PRODUCT DETAIL



Grass Color Options : 



Classic model with **square-edged steel** framing throughout.

Classic

Merk	: Lux Padel
Tinggi Rumput	: 14 mm High-End PU Backing
Tebal Kaca	: 12 mm Tempered Glass
Lampu	: 8 pcs 200 W LED Projector

Harga Terpasang : Rp 285.000.000/Lap

**Harga belum termasuk ongkir & transport tim pasang*

PRODUCT DETAIL



Grass Color Options : 



Our top recommendation. Features **rounded corner steel** for a refined, elegant, and luxurious court appearance.

Rounded Corner Frame

Merk : Lux Padel
Tinggi Rumput : 14 mm High-End PU Backing
Tebal Kaca : 12 mm Tempered Glass
Lampu : 8 pcs 200 W LED Projector

Harga Terpasang : Rp 295.000.000/Lap

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PRODUCT DETAIL



Grass Color Options : 



Best-selling design. Built **without corner steel** for improved audience visibility during matches.

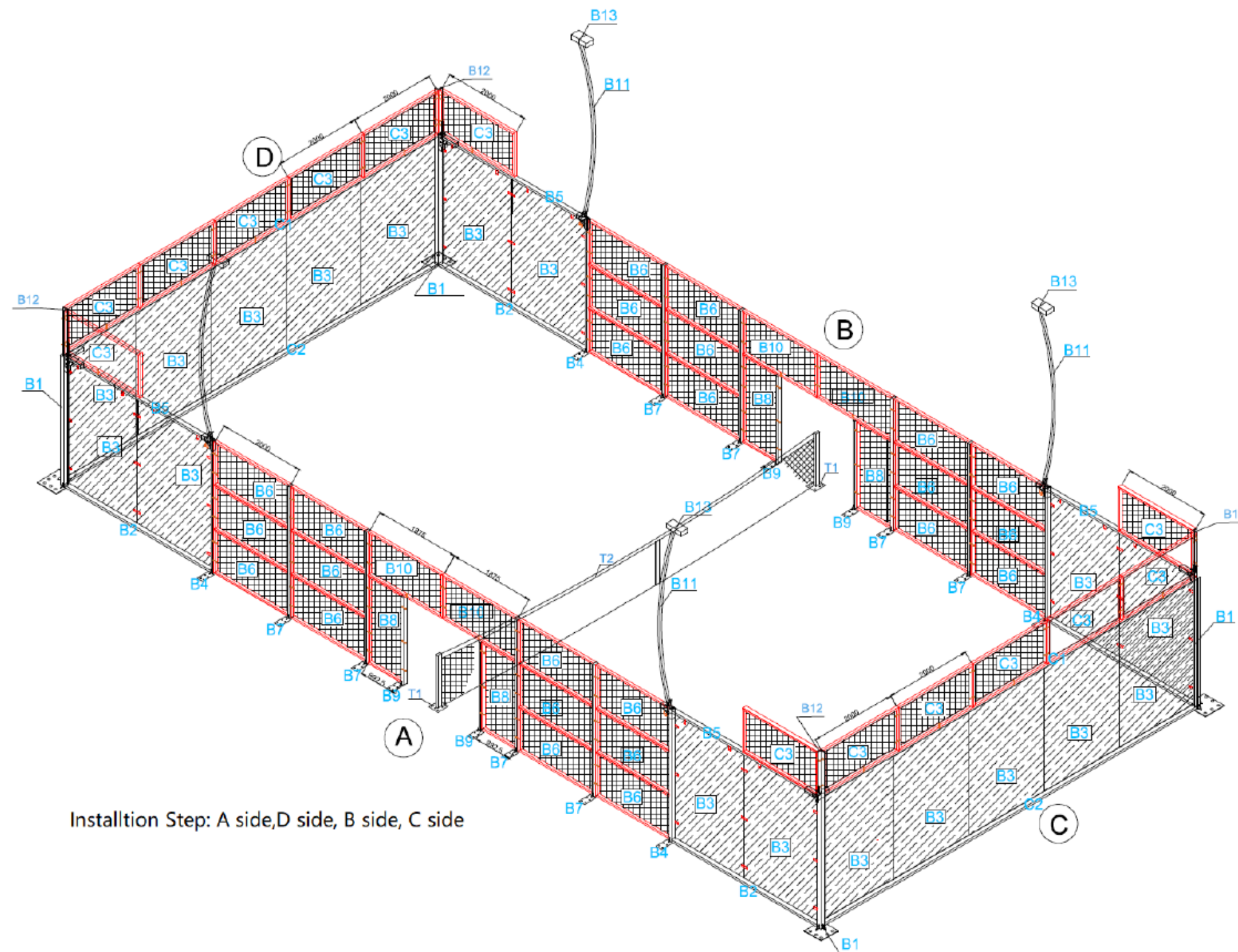
Super Panoramic

Merk : Lux Padel
Tinggi Rumput : 14 mm High-End PU Backing
Tebal Kaca : 12 mm Tempered Glass
Lampu : 8 pcs 200 W LED Projector

Harga Terpasang : Rp 315.000.000/Lap

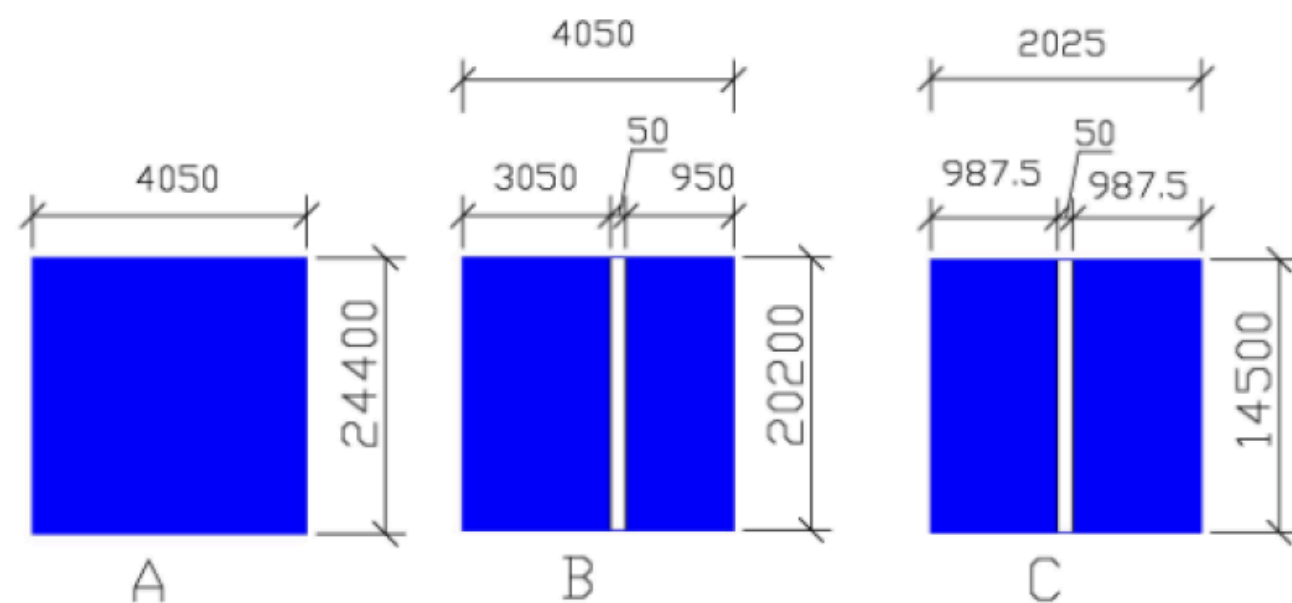
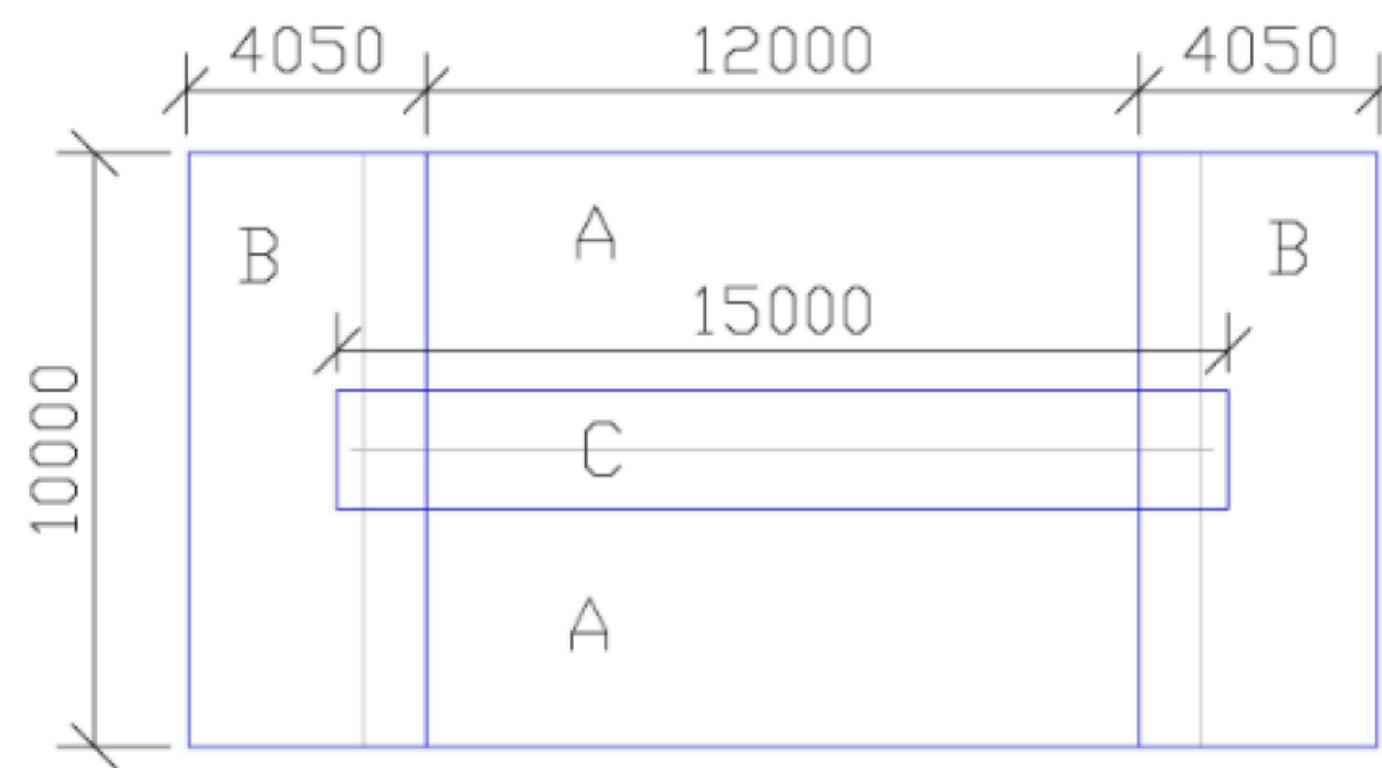
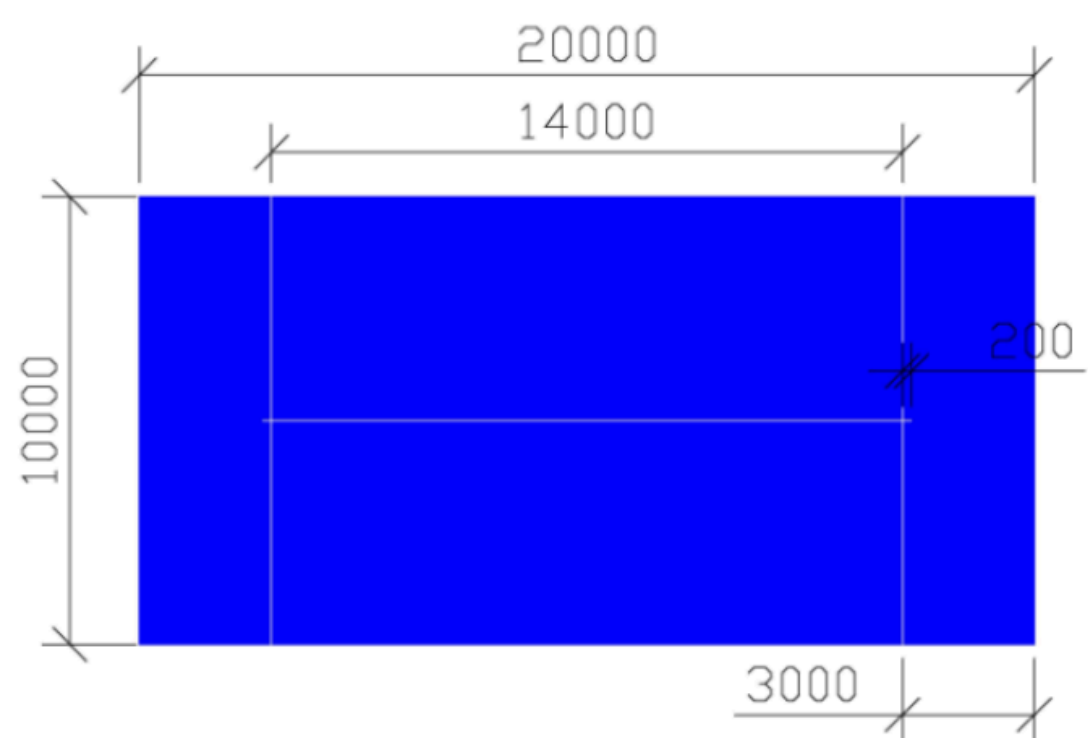
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OUR PADEL SYSTEM-STRUCTURE



- **Square Column:** 80*80*3mm, 3m height, B1-4pcs
- **Column:** 80*60*3mm, 3m height, B7-8pcs
- **Gate Column:** 80*60 *3mm, 2m height, B9-4pcs
- **Light Column:** 80*60*3mm, B4-4pcs
50mm*50mm*2.5mm, B11 4pcs;
- **Cross Tube:**
 - Upper bar: 80*80*3mm, 4m-B5-4pcs/5m-C1-4pcs
 - Lower bar: 80*40*3mm, 4m-B2-4pcs/5m-C2-4pcs
- **Metal Frame:** 50mm*30mm*2mm, Wire diameter 4mm, Mesh size 50*50mm; 46 pcs
- **Tempered Glass:** 12mm thickness, B3-18pcs;
- **Lighting:** Philip 200W LED, B13-8pcs;
- **Net:** T1/T2

PADEL TURF INSTALLATION SOLUTION



Turf No.	Size (mm)	Area (m ²)	Color
A	4050 x 24400	98.82	Blue
B	4050 x 20200	81.81	Blue+white
C	2025 x 14500	29.3625	Blue+white

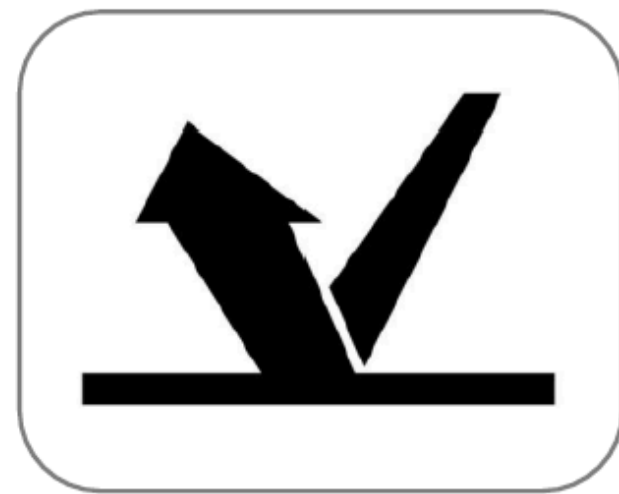
REQUIREMENT OF PADEL FIELD



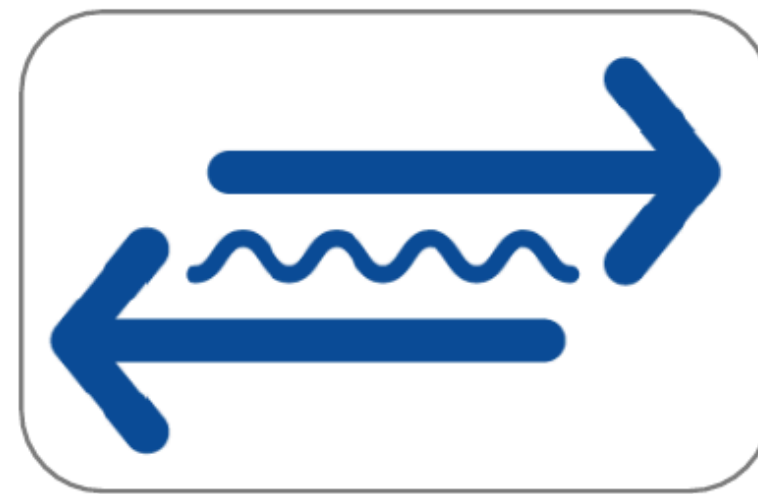
European Union Standard: Conforming to the UNE 41958 IN. Sports surfaces



Shock absorption
 $RF \geq 20\%$



Vertical ball bounce
 $\geq 80\%$



Friction control
 $0.4 \leq \mu \leq 0.8$



Sand refill
 $SiO_2 \geq 96\%$; $CaO \leq 3\%$
Rounded edges
Granulometry: 80% weight
 $\Phi 16mm-1.25mm$
Free pile height: 2-3mm

ADVANTAGE OF OUR PADEL SYSTEM



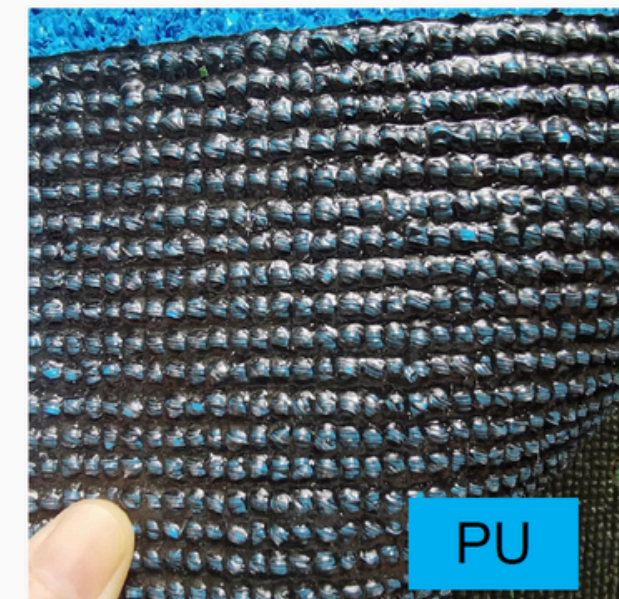
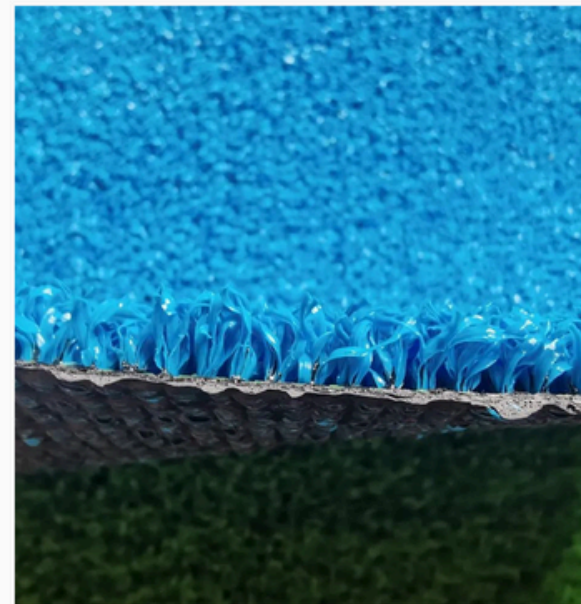
Lux Padel has fully upgraded its artificial turf by adopting **KDK production technology**, resulting in wider, curved yarns with enhanced wear resistance. The white lines are tufted directly into the turf alongside the colored fibers, eliminating the need for separate line installation. This not only reduces installation time but also creates a smoother, more seamless, and visually appealing court surface.

OUR GRASS

14mm

PU Backing

High End Material

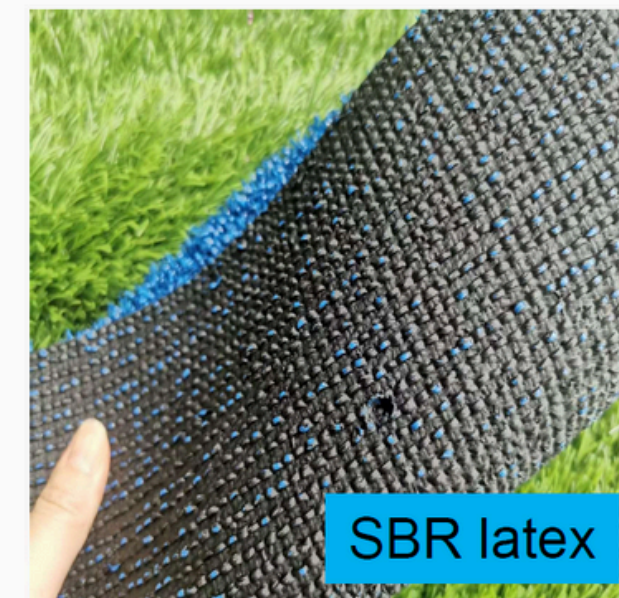
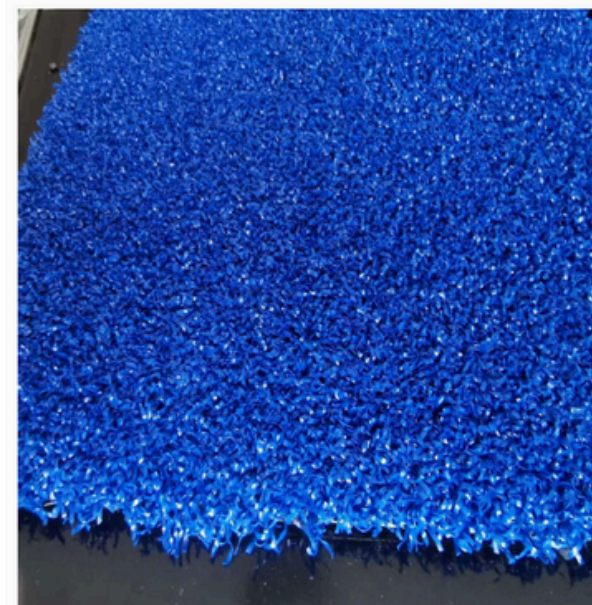


OTHERS

12mm

SBR Latex Backing

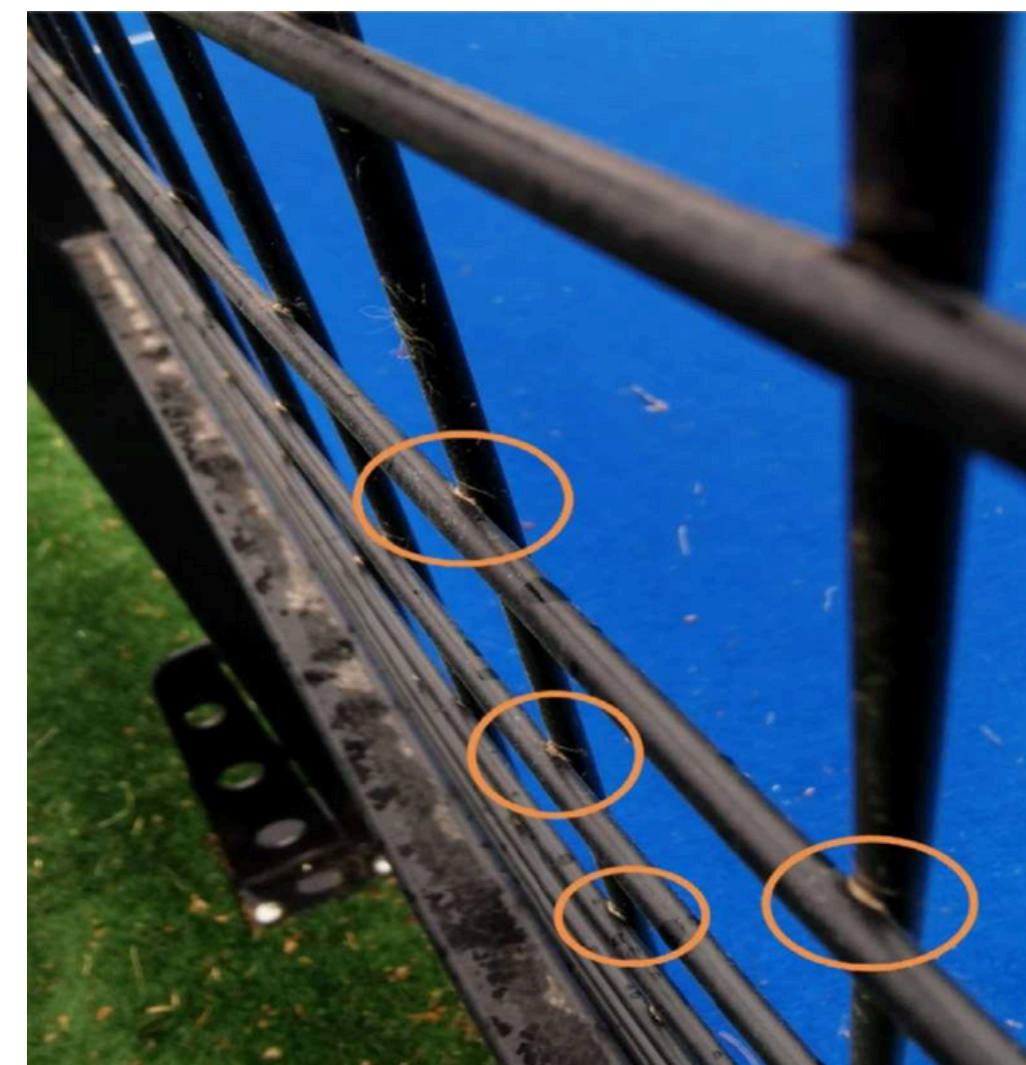
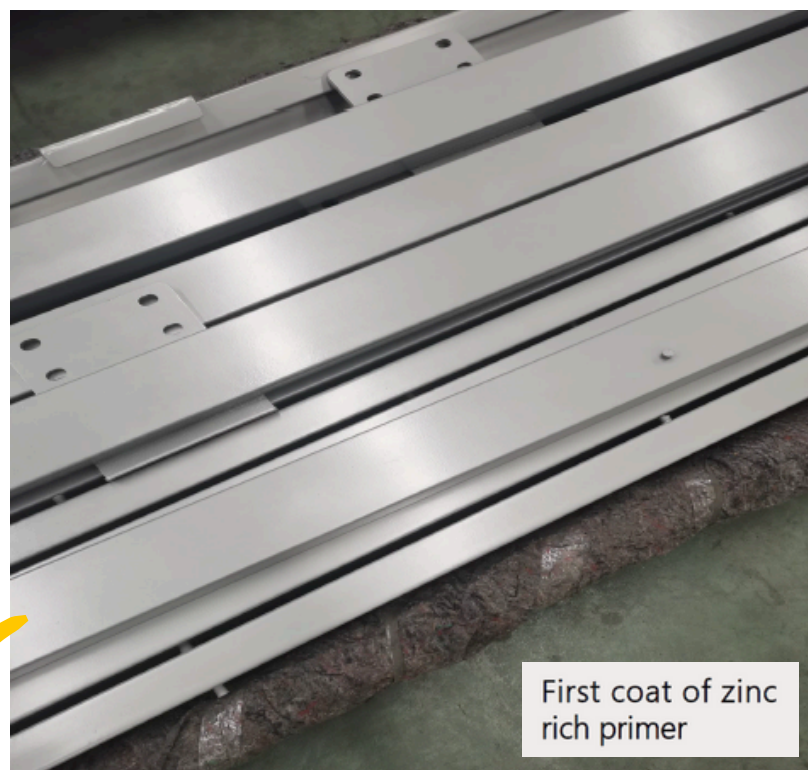
Mid-range Material



ADVANTAGE OF OUR PADEL SYSTEM



Surface rust prevention system has been applied for long-term durability. The surface of metal pipes is first hot dip galvanized, and then high-temperature electrostatic sprayed.



ADVANTAGE OF OUR PADEL SYSTEM



Welding must be gap-free, as any gaps can prevent hot-dip galvanized zinc and electrostatic powder from fully covering the surface, leading to early rust formation. Lux Padel uses upgraded laser welding technology to ensure stronger, cleaner welds with a more refined finish.



ADVANTAGE OF OUR PADEL SYSTEM



Lux Padel uses **304 stainless steel screws**, offering excellent rust resistance and easy installation. This ensures long-term durability and enhances safety for athletes



ADVANTAGE OF OUR PADEL SYSTEM



● 12mm Tempered Glass

- Tempered and float glass
- Complies with European standard EN12150-1



● 8-200W LED Philips Lights

- Uniform lights
- In accordance with EN12193
- Not influence the vision of players, umpire and audience

THANK YOU

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