

**TERRAIN<sup>®</sup>**

RESILIENT IN EVERY SENSE

## RESILIENT PADEL COURT SYSTEM

Where Play Meets Perfection.



At Terrain Floorings, we bring together precision engineering, premium materials, and unmatched expertise to deliver **world-class padel court systems**. Designed for performance and durability, our courts meet international standards and are built to withstand intensive use—whether in clubs, schools, sports complexes, or private residences.

From high-performance artificial turf to robust steel structures, tempered glass walls, and professional lighting systems, we offer a complete turnkey solution tailored to your space and style. Backed by skilled installation teams and after-sales support, Terrain ensures every court is not only game-ready but built to last.

## CERTIFICATIONS



UNE- EN12150  
for glass



UNE- EN12193  
for lighting



CE - ISO9227  
for metal structure



Labosport UNE-EN  
147301 for turf

## WHY CHOOSE US?



### BUILT TO INTERNATIONAL STANDARDS

Our padel courts are designed to meet global sports regulations for professional gameplay..



### COMMITMENT TO QUALITY

We use high-grade materials – from stainless steel hardware to premium powder coating – for maximum durability.



### PLAYER SAFETY & PERFORMANCE

Features like round-corner posts, strong mesh fencing, and high-lumen LED lighting deliver superior play experience.



### PRECISION ENGINEERING

Laser-welded joints and structurally reinforced pillars ensure unmatched strength and stability.



### ATTENTION TO DETAIL

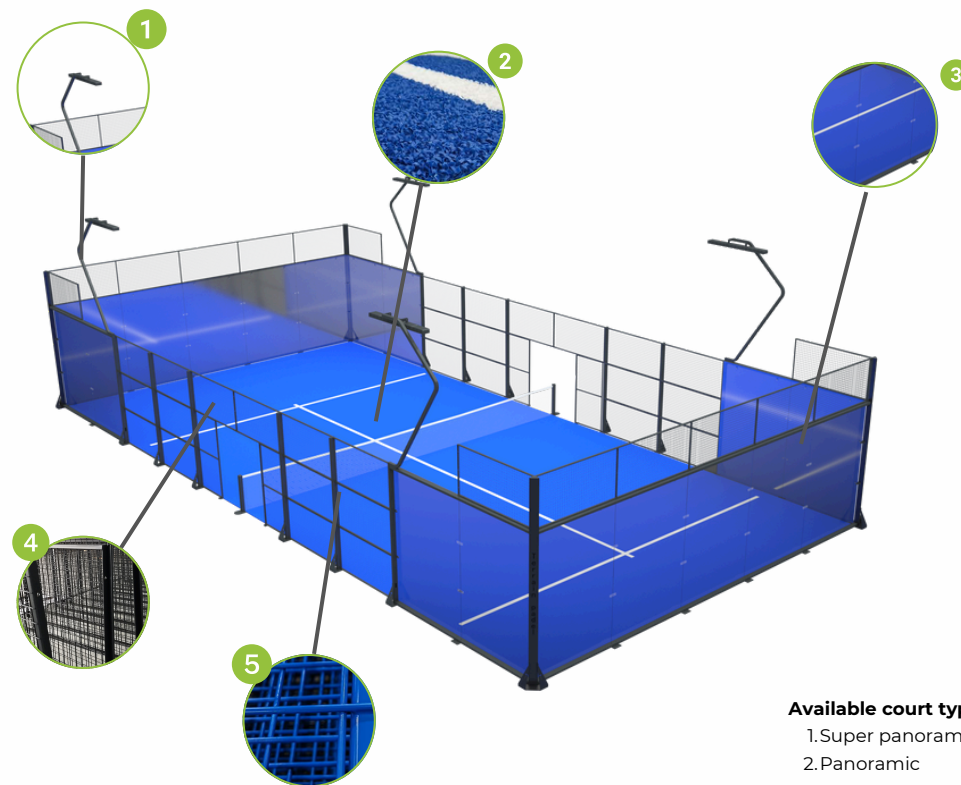
Brass-reinforced game posts, double-stitched nets, and safety padding reflect our dedication to excellence.



### LONG-LASTING DURABILITY

Engineered to perform in all climates with UV-resistant turf and corrosion-proof components.

## WHAT MAKES A PERFECT PADEL COURT?



### Available court types

- 1.Super panoramic.
- 2.Panoramic

#### 1 Professional LED Lighting System

Designed for optimal visibility during night play.

**Dimension** - 4 x 400W PADEL PRO 533 LUX



#### 2 Professional-Grade Artificial Turf

Ensures consistent ball bounce and player comfort.

**Dimension** - 12mm PADEL pro Monofilament Textured

#### 3 Premium Tempered Glass Panels

12mm thick toughened glass offers high impact resistance, crystal-clear visibility, and long-lasting durability for professional gameplay.

**Dimension** - 12mm thick

#### 4 Reinforced Mesh Fencing

High-tensile strength for safety and clear visibility.

**Dimension** - 50 x 50mm x 4mm

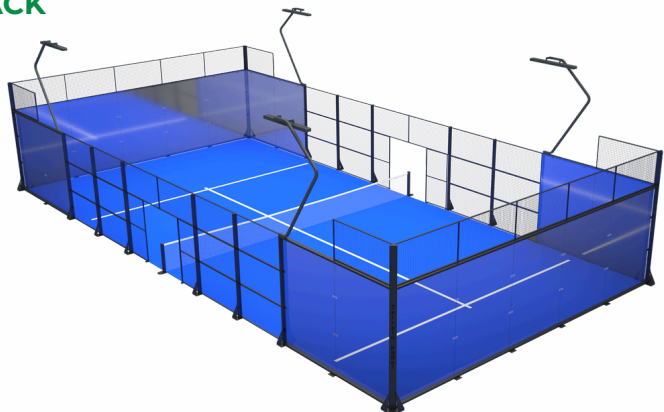
#### 5 Stainless Steel Hardware

Rust-proof, marine-grade quality for extreme conditions.

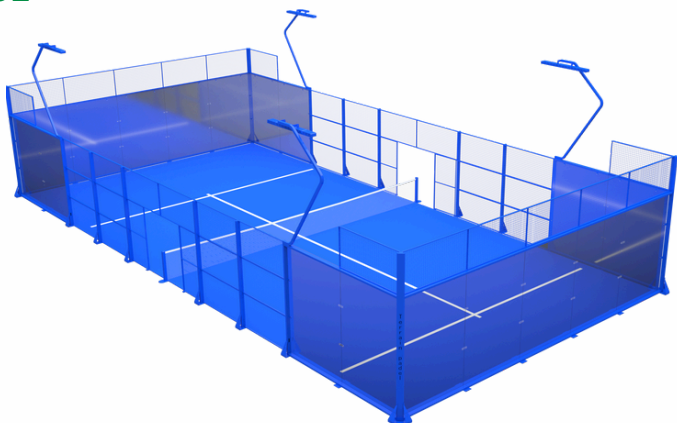
**Dimension**  
Upper & lower beams - Rectangular tube 100 x 50 x 3mm  
Diamond shaped Corner pillar - 120 x 120 x 3mm

## AVAILABLE COLORS

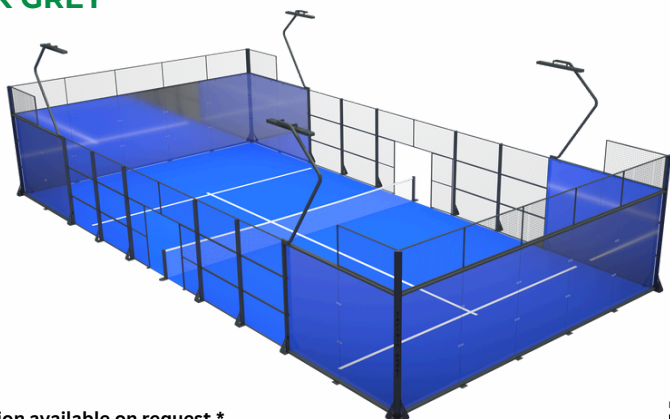
### BLACK



### BLUE



### DARK GREY



Customisation available on request.\*

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## ARTIFICIAL TURF

Designed for high performance, our padel turf features monofilament curly fibers that ensure optimal ball bounce, excellent traction, and minimal abrasion. Its vibrant blue color and pre-tufted white lines add to its visual appeal and ease of installation.



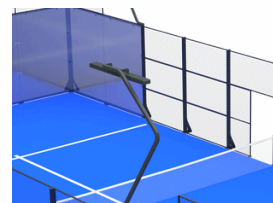
Color	Fiber Height	Density	Dtex	Backing	Infill	Installation	Compliance
Blue (EU-standard)	12 mm (10 mm curled)	48,300 needles/m <sup>2</sup>	13500	PU backing, Gauge: 3/16"	Quartz sand, 0.2-0.8 mm	Pre-tufted lines, 2A+2B+C rolls	GB/T 20394-2006, UNE 41958 IN

## OUR TURF PARTNERS



## LED LIGHTING SYSTEM

Terrain's LED system is designed specifically for sports like padel. It offers optimal brightness with low glare, high energy efficiency, and a longer lifespan thanks to its aluminum alloy body and cutting-edge SMD technology.

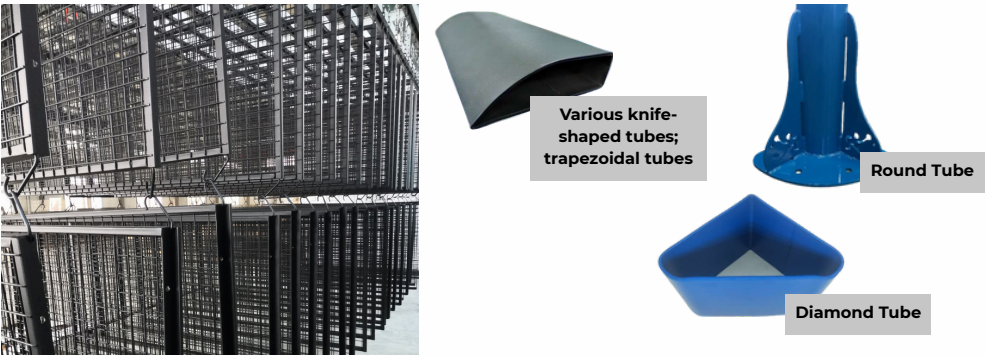


Poles	Lights	Illumination	Material	Tech
60×60×2.75 mm, 6 m high	4 × 300W Long Strip LEDs	400 Lux average	Aluminum alloy (11 kg/lamp)	SMD, Anti-glare, low spill

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## STEEL STRUCTURE & MESH

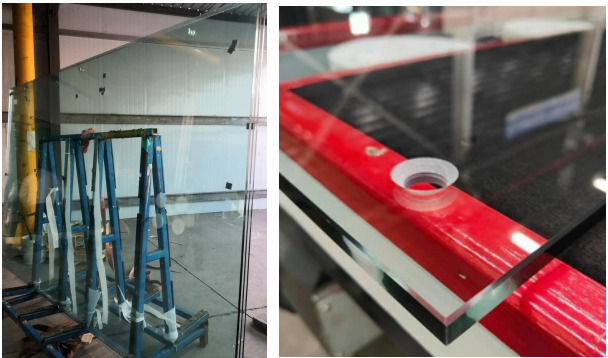
Our steel frame system offers unmatched strength and durability. The diamond-shaped pillars and electrostatic zinc coating ensure corrosion resistance, aesthetic appeal, and long-term structural reliability.



Corner Pillars	Other Pillars	Cross Bars	Mesh	Coating	Compliance
120×120×3 mm Diamond steel	100×50×2.75 mm steel	100×50×2.75 mm steel	4 mm wire, 45×45 mm grid, anti-scratch finish	Zinc base + epoxy powder	EN 1090-1, CE Regulation 305/2011

## TEMPERED GLASS PANELS

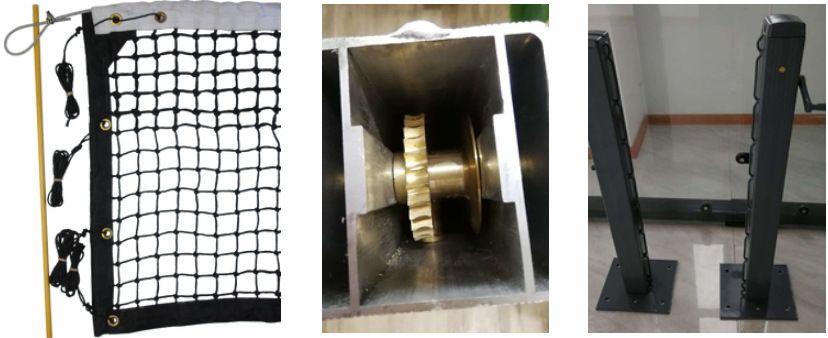
Our tempered glass panels are engineered to provide high-impact resistance while maintaining crystal-clear visibility. With polished edges and precise hole placements, they combine safety with sleek aesthetics.



Size	Thickness	Quantity	Edges	Certification	Surface Stress
1995 × 2995 mm	12 mm	18 panels per court	Flat polished, 8 conical holes	GB/T 20394-2006, EN 12150-1, CE	≥ 69 MPa

## NET & POSTS

Our padel court system features high-grade stainless steel expansion bolts with built-in anchoring—no pre-buried foundation needed. Protective safety caps prevent water ingress and corrosion. The net uses reinforced sandwich mesh, while aluminum posts include hidden copper tensioners and strong anchoring, ensuring durability, safety, and a clean finish.



Net Material	Reinforcements	Posts	Tensioning Gear	Anchoring	Compliance
Premium polyester sandwich mesh	Double-wire top rows + fiber rods	All-aluminum alloy, anti-corrosion	Pure copper, hidden installation	6-point anchoring with M12×16mm chemical bolts	EN 1090-1, CE Regulation 305/2011



## ACCESSORIES & MORE...



### Heavy-Duty Expansion Bolts

Our expansion bolts are made of high-grade stainless steel (M16×150 mm) and feature a built-in anchoring system, eliminating the need for a pre-buried foundation. Each bolt is equipped with a protective safety cap that prevents rainwater ingress and corrosion—ensuring long-term structural integrity.

### Electrostatic powder coating

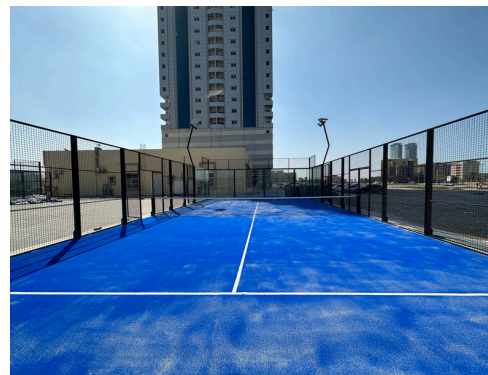
We specialize in hot-dip galvanizing and electrostatic powder coating for flawless, long-lasting finishes. Using premium AkzoNobel powder, our coatings offer 8–10 years of color stability, excellent adhesion, and outstanding corrosion and oxidation resistance—with no bubbles, pits, or surface defects. Available in multiple colors.



### Full-Seam Welding for Maximum Durability

At Terrain, we ensure full welding at every joint—not spot welding. This prevents gaps that could compromise coating adhesion and lead to early rusting. Our meticulous welding enhances structural strength and extends the lifespan of your padel court.

## COMPLETED PROJECTS



Ras Al Khaimah, UAE



Dubai, UAE



Dubai, UAE



Ajman, UAE



Orlando



Saudi Arabia

## COMPLETED PROJECTS



Mexico



Kuwait



Denmark



Denmark



Serbia

## COMPLETED PROJECTS



United Kindom



Uruguay



South Africa



Chile



Ghana



# TERRAIN<sup>®</sup>

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[inquiry@terrainfloorings.com](mailto:inquiry@terrainfloorings.com)



[terrainfloorings.com](http://terrainfloorings.com)



+971 55 325 2253



Al Khaleej Polymers Rubber & Plastic Industries LLC  
Plot No. L7 & 28, Al Ghail Industrial Park,  
Ras al Khaimah, UAE

