



ORIGIN PADBOL COURT

TECHNICAL INFORMATION

Court Dimensions	Width: 6 meters	Length: 10 meters
Infrastructure - Concrete Beam	Width: 40 cm - Height: 50 cm	C30 beton
Infrastructure - Field Concrete	C20 field concrete with 15 cm thick steel mesh	
Water Drainage	Water is discharged from the surface by giving a 0.5% slope to the concrete floor in one direction.	
Steel Construction	Double Corner Columns: 120 x 60 x 3 mm Beams: 40 x 80 x 2.5 mm Modular bolted system	Intermediate Columns: 120 x 60 x 3 mm Height: 3.50 m
Steel Mesh	Mesh spacing: 50 mm * 50 mm	Wire Thickness: 4 mm
Steel Surface Coating	Electro Galvanized Coating	Electrostatic Powder Coating
Resistance	Maximum Wind Speed: 90 km/h	
Glass	10 mm Tempered Glass	
Lighting	4 x 200 W LED Projectors	
Modular PVC Flooring	30x30 cm interlocking perforated system	
Synthetic Grass (Optional)	11 - 13 mm FB - MFF - TXT Synthetic Grass	
Equipment	Padbol Goalposts 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 should be done in the factory and the steel construction should be mounted 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 field.
Modular PVC Floorin	PVC floor modules with the dimensions of 30x30cm are attached to the area where sports will be performed by interlocking method. The game lines are marked on the floor with paper tape as a template. Then game lines are applied with the help of a roller.
Synthetic Grass (Optional)	Synthetic grasses obtained from special PE raw materials, with high resistance UV additives and produced in accordance with game performance, are combined in place with Helmet cloth and PU Glue in accordance with the project. Lines are placed using the original self-colored white synthetic turf. Then, it is filled with sand-filling material in accordance with international criteria and the final stage is started. After leveling and brushing, the game is ready to play. A synthetic turf system is produced in accordance with the ball bounce criteria in padel tennis games.
Equipment	Padel goalposts and net are installed.

COLOURS

Steel Construction	Standard: Black	Optional: All Ral Codes
Steel Mesh	Standard: Black	Optional: All Ral Codes
Modular PVC Flooring	Standard: Red and Blue	Optional: Yellow, Green, Grey, Cream
Synthetic Grass (Optional)	Green, Blue, Red	

PACKAGING TYPES

Steel Construction	It is transferred on pallets, produced in special sizes, and bonded.
Steel Mesh	It is transferred on pallets, produced in special sizes, and bonded.
Glass	It is transferred on wooden pallets.
Lighting	It is transferred in boxes of special sizes.
Modular PVC Flooring	It is transferred on wooden pallets.
Synthetic Grass (Optional)	It is transferred in rolls of 2 and 4 meters in length. Helmetin Cloth is in rolls of 1.4 meters. The glue is in double component buckets.
Silica Sand (Optional)	Silica sand is transferred in 50 kg sacks.
Other	Various, Pallet, Sack and Free products

PRODUCT STORAGE CONDITIONS

Adhesive and Derivative	Between +5 and +30 degrees
Other Materials	Between -10 and +40 degrees

PRODUCTION AND INSTALLATION PROCESS

Infrastructure	Preparation: 2 days	Installation: 5 days	Cannot Be Done Simultaneously
Steel Construction	Production: 10 days	Installation: 2 days	Can Be Done Simultaneously
Steel Mesh	Production: 7 days	Installation: 1 days	Can Be Done Simultaneously
Glass	Production: 15 days	Installation: 1 days	Can Be Done Simultaneously
Lighting	Supply: 2 days	Installation: 1 days	Can Be Done Simultaneously
Modular PVC Flooring	Supply: 7 days	Installation: 1 days	Can Be Done Simultaneously
Synthetic Grass (Optional)	Production: 7 days	Installation: 2 days	Cannot Be Done Simultaneously
Equipment	Production: 2 days	Installation: 1 days	Can Be Done Simultaneously

GUARANTEE PERIODS

Steel Construction	5 Years	
Dye	5 Years	Paint on the surface should not be removed by external impacts.
Steel Mesh	3 Years	Paint on the surface should not be removed by external impacts.
Glass	2 Years	It should not get any impacts from the corner points.
Lighting	2 Years	
Modular PVC Flooring	2 Years	10-year guarantee with Gerflor
Synthetic Grass (Optional)	3 Years	
Equipment	2 Years	

ORIGIN PADBOL COURT

