

## DEFINITION

Sports fields with synthetic grass flooring, surrounded by steel construction, glass, and steel mesh where padel can be played

## AREAS OF USAGE

Outdoor and indoor areas

## FEATURES

This type of padel court is constructed according to the rules and standards of padel and provides comfortable sports opportunities.



# ORIGIN SINGLE PADEL COURT

TECHNICAL DETAILS		
<b>Dimensions</b>	Width: 6 meters	Length: 20 meters
<b>Infrastructure - Concrete Beam</b>	Width: 40 cm - Length: 50 cm	Concrete C30
<b>Infrastructure - Field Concrete</b>	C20 field concrete with 15 cm thick steel mesh	
<b>Water Drainage</b>	The concrete floor is inclined 0.5% in one direction and the water is discharged from the surface.	
<b>Steel Construction</b>	Double Corner Columns: 50 x 100 x 2,5 mm Beams: 40 x 60 x 2,5 mm Modular bolted system	Center Columns: 100 x 50 x 2,5 mm Height: 3 - 4 m
<b>Steel Mesh</b>	Mesh Size: 50 mm * 50 mm	Wire Thickness: 4 mm
<b>Steel Surface Coating</b>	Electro Galvanized Coating	Electrostatic Powder Coating
<b>Resistance</b>	Maximum Wind Speed: 60 km/h	
<b>Glass</b>	10 mm Tempered Glass	
<b>Lighting</b>	8 Pieces 200 W LED Projector	
<b>Synthetic Grass</b>	11 - 13 mm FB - MFF - TXT	
<b>Equipment</b>	Padel Posts and Net	

APPLICATION METHOD	
<b>Concrete Beam</b>	Plywood molds should be connected and the process should be done solidly.
<b>Infrastructure</b>	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.
<b>Steel Construction</b>	Welding and painting works must be done in the factory and the steel construction should be mounted on the ground with screws in the court.
<b>Steel Mesh</b>	It is fixed to the columns with fasteners.
<b>Glass</b>	It is fixed to the steel construction with special glass fasteners.
<b>Lighting</b>	Lighting projectors are fixed by adjusting their angles and spacing to illuminate the entire court.
<b>Synthetic Grass</b>	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 Joint Tape and PU Glue in accordance with the project. Lines are placed using the original self-colored white synthetic turf. Then, the field 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. The synthetic turf system is produced in accordance with the ball bounce criteria in padel games.
<b>Equipment</b>	Padel poles and net are installed.

COLOURS		
<b>Steel Construction</b>	Standard: Black	Optional: All Ral Codes
<b>Steel Mesh</b>	Standard: Black	Optional: All Ral Codes
<b>Synthetic Grass</b>	Synthetic Grass Carpet: Green, Blue, Red	

## PACKAGING TYPES

<b>Steel Construction</b>	It is shipped on pallets that are produced in special sizes and bonded.
<b>Steel Mesh</b>	It is shipped on pallets that are produced in special sizes and bonded.
<b>Glass</b>	It is shipped on wooden pallets.
<b>Lighting</b>	It is shipped in boxes of special sizes.
<b>Synthetic Grass</b>	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.
<b>Silica Sand (Optional)</b>	Silica sand comes in 50 kg sacks.
<b>Other</b>	Various, Pallet, Sack and Free products

## PRODUCT STORAGE CONDITIONS

<b>Adhesive and Derivative</b>	Between +5 and +30 degrees
<b>Other Materials</b>	Between -10 and +40 degrees

## PRODUCTION AND INSTALLATION PROCESS

<b>Infrastructure</b>	Preparation: 2 days	Application: 5 days	Cannot Be Done Simultaneously
<b>Steel Construction</b>	Production: 10 days	Installation: 2 days	Can Be Done Simultaneously
<b>Steel Mesh</b>	Production: 7 days	Installation: 1 days	Can Be Done Simultaneously
<b>Glass</b>	Production: 15 days	Installation: 1 days	Can Be Done Simultaneously
<b>Lighting</b>	Supply: 2 days	Installation: 1 days	Can Be Done Simultaneously
<b>Synthetic Grass</b>	Production: 7 days	Installation: 2 days	Cannot Be Done Simultaneously
<b>Equipment</b>	Production: 2 days	Installation: 1 days	Can Be Done Simultaneously

## GUARANTEE PERIODS

<b>Steel Construction</b>	5 Years	
<b>Paint</b>	5 Years	The paint on the surface should not be removed by external impacts.
<b>Steel Mesh</b>	3 Years	The paint on the surface should not be removed by external impacts.
<b>Glass</b>	2 Years	It should not be damaged on corner points.
<b>Lighting</b>	2 Years	
<b>Synthetic Grass</b>	3 Years	
<b>Equipment</b>	2 Years	

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