

**SPORTS  
FOR LIFE**

**RIGAN**  
SPORTS







# INDEX

<b>ABOUT US</b> .....	4
<b>WHAT IS PADEL?</b> .....	5
<b>PADEL COURTS</b> .....	7
<b>STANDARD ACE</b> .....	8
<b>PRIME</b> .....	10
<b>PANORAMA PRO</b> .....	12
<b>INSTALLATION OF PADEL COURTS</b> .....	14
<b>INFORMATION ABOUT LIGHTING</b> .....	15
<b>FOUNDATION</b> .....	16
<b>INFORMATION ABOUT ARTIFICIAL TURF</b> .....	18



# ABOUT US

Rigan Sports and Leisure SL is a Spanish company specialized in the production, development and marketing of Padel Courts and Sports Equipment.

We develop and manufacture padel courts in our Spanish factory.

About 600 padel courts are produced every year for national and worldwide customers.



Our young and passionate international sales team based in Zaragoza, works closely with customers around the world to provide the highest quality products and services required in each market.

To assist you effectively in your projects, our engineering department will answer your technical questions.

Our goal is to guide and help you to choose the best solution for your sport project.

All our products are developed and produced in Europe as per UE norms.



## What is Padel?

- Padel is a game adapted from tennis and played for over a century. It is typically played in doubles on an enclosed court about half size of a tennis court.
- The court has an enclosure made with tempered glass walls and steel structure; the ball can be played when bounding from the walls in a similar way as in squash.
- The score is counted exactly as in tennis. Stringless racquets are used and the ball is similar with the one used in tennis.

# WHAT IS PADEL?

## Little history

- This sport was invented in Acapulco, Mexico, by Enrique Corcuera in 1969. It is currently most popular in Hispanic American countries such as Argentina and Mexico as well as in Spain, although over the last three years has considerably increased across all Europe and to the other continents.



## Padel courts

- The padel courts have a playing surface of 20x10m, they can be installed indoors or outdoors, the playing surface is generally covered by artificial turf and enclosure of the courts is made with steel structure and tempered glass.

## The players

- Everyone, regardless their age or gender, can play padel as this sport does not require a specific physical preparation.
- Is a ludic activity, healthy, funny, entertaining, and as it is played in doubles is a social sport as a "special bond" it is created between players.

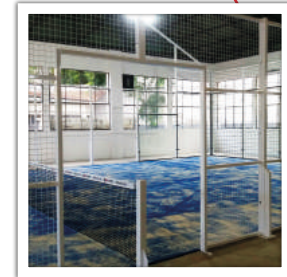






  
**PADEL**

# STANDARD ACE

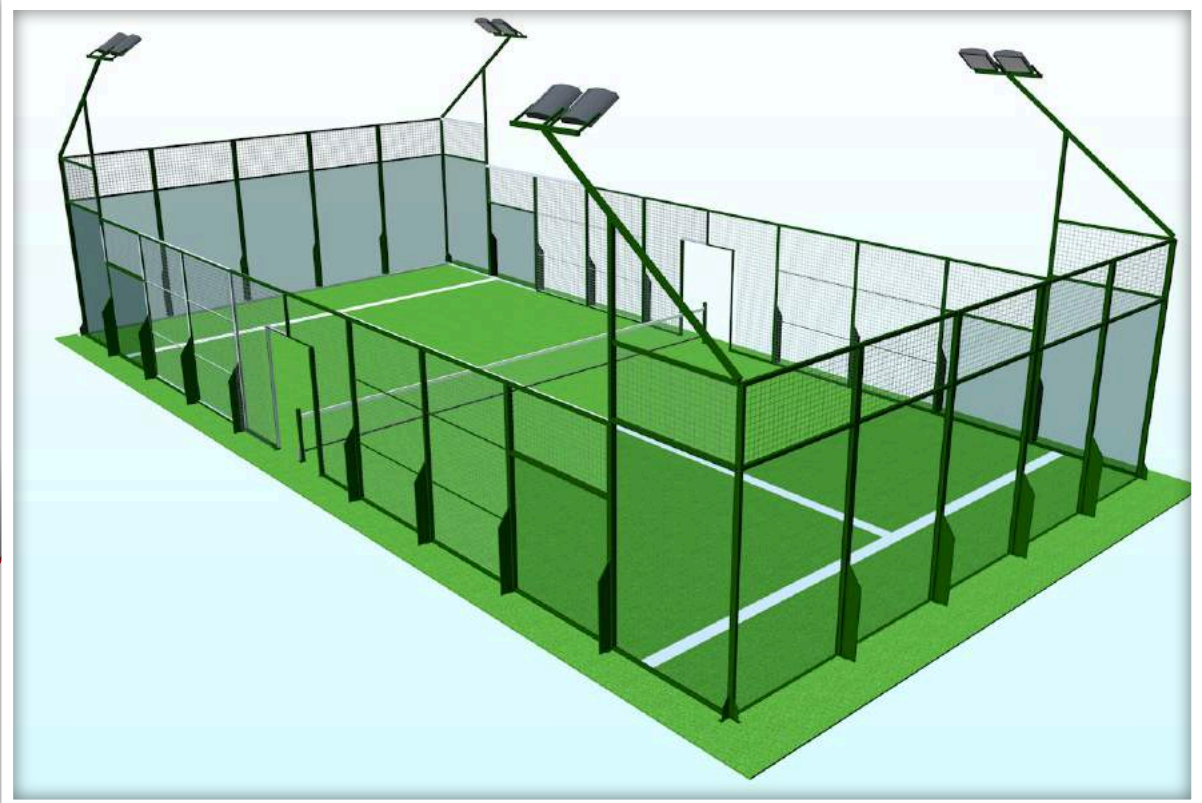


## ▶ STANDARD ACE

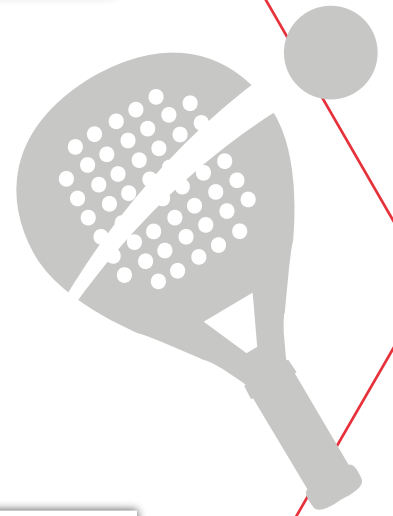
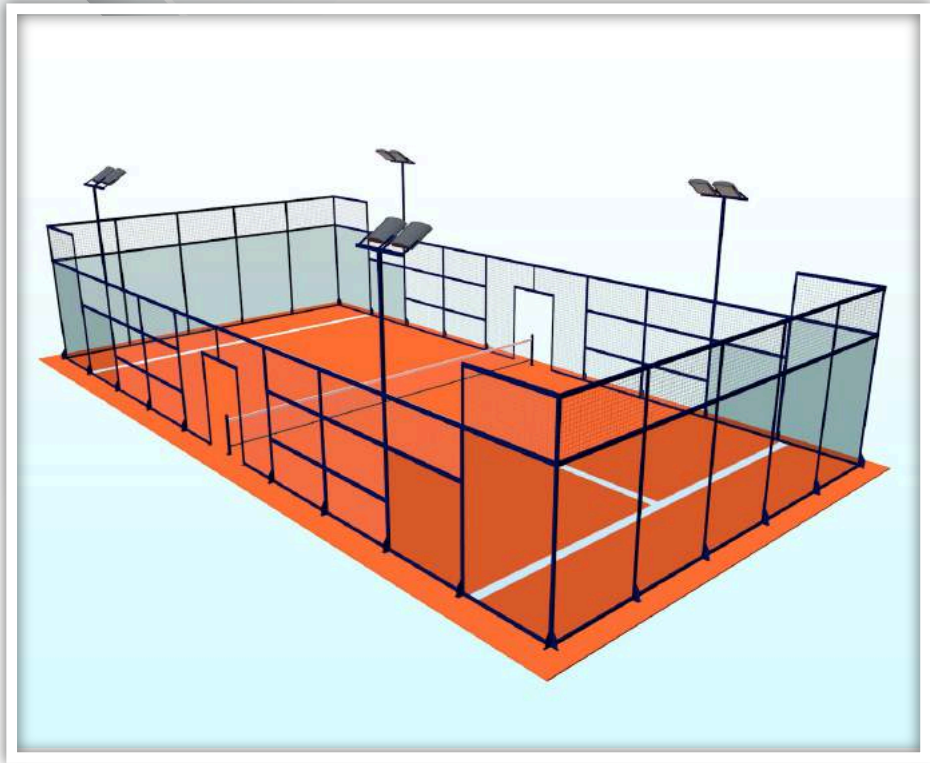
- Padel court made with pillars using steel profiles of 100x50x2 mm with supports for all the pillars of the court
- Electro-welded wire mesh panels of 50x50x4 mm
- Approved tempered glass of 10mm or 12mm thickness
- Artificial turf certified by the International Padel Federation. Fibrillated or monofibre, different colors
- Lighting supports on diagonal, starting from the corners of the padel courts
- Metal Halides 400W or Leds 200W
- Painting oven-lacquered, color at customer choice. Galvanized when is installed outdoors
- Suitable for indoors and outdoors







**PRIME**



# ▶ PRIME

- Padel court made with Steel Frame (Wall Type) using 80x40x2 mm tubes, making the installation faster and easier
- Electro-welded wire mesh panels of 50x50x4 mm
- Approved tempered glass of 10mm or 12mm thickness
- Artificial turf certified by the International Padel Federation. Fibrillated or monofibre of several colors
- Lighting supports on vertical, on the sides of the court. Optional from the corners as for STANDARD ACE
- Metal Halides 400W or Leds 200W
- Painted oven-lacquered, color at customer choice. Galvanized when is installed outdoors
- Suitable for indoors and outdoors



# PANORAMA PRO



## ▶ PANORAMA PRO

- Padel court following the model "Wall Type", with Panoramic view for sides and backgrounds
- Upper and low steel beam made in one piece of 10m length
- Glasses fixed with see-through methacrylate pieces of 200x60x15mm
- Approved tempered glass of 12mm thickness

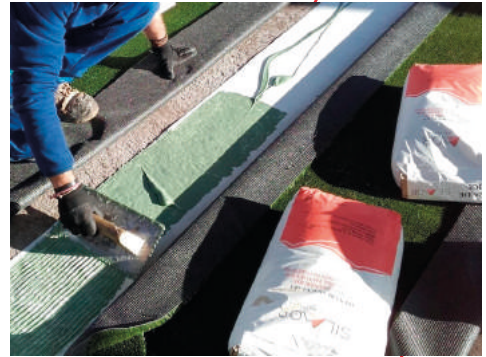
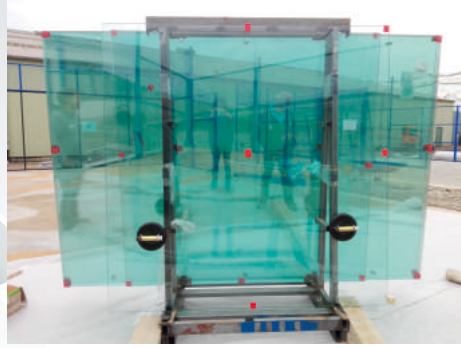




- Steel Tube of 100x100x3mm in panoramas area and option of pillar of 80x80x2mm
- Artificial turf certified by the International Padel Federation. Fibrillated or monofibre, several colors
- Lighting support on diagonal, starting from the corners of the padel courts
- Metal Halides 400W or leds 200W
- Painted oven-lacquered, color at customer choice. Galvanized when is installed outdoors
- Designed for outdoors and indoors



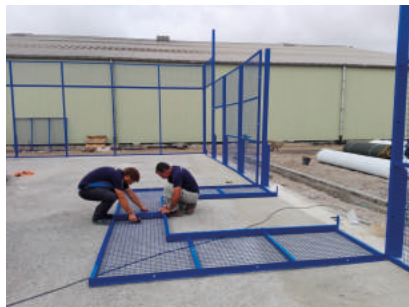
# INSTALLATION OF PADEL COURTS



We install the padel courts with our own installation team, well trained and experienced, formed of two or three people.

A professional padel team, installs a padel court in approximately 4 days if everything has been previously well prepared (surface, tools and machinery)

In case the customer has his own installation team, he can install its padel courts with its own team, following our installation guide.



Padel courts have 4 lighting points.



They are placed either on the sides of the court at approximately 4m from corners, on vertical (two for each side),

Or starting directly from the corners of the courts, on diagonal.

( See our padel courts pictures with these options)

Each lighting point goes up to 6m height where leds or metal halides are installed on each point.

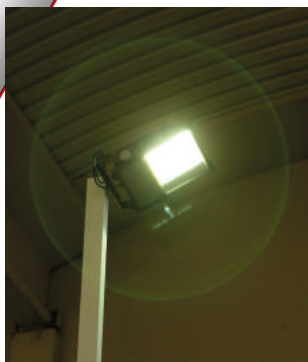
It is recommended to install minimum 4 metal halides of 400W/court or minimum 8 Leds of 200W/court.

Leds light is different than metal halides light, that is why 4 Leds of 200W/court won't provide enough light for playing in optimal conditions.

# INFORMATION ABOUT LIGHTING

The cables are going inside of each lighting post.  
The electrical connections and cabling have to be done by an electrician, following the norms in each country.

Our sales team will guide you on how to correctly place the lighting points in your project, following the technical drawings for each type of padel court.



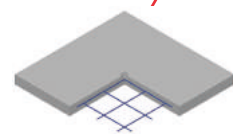
# FOUNDATION



**Padel courts** structure is fixed into the ground through expansive bolts, normally of 12cm depth. ( MTA M14X120MM)

The playing area is of 20mx10m and the structure **is fixed outside of the playing** area in the whole perimeter. That is why the total surface needed to have a padel court is minimum 20, 80mx10, 80m till 21m x 11m.

The entire surface has to be levelled, no gaps, cracks or imperfections, as all the imperfections would be reflected on the artificial turf, once installed over the surface.







## There are different ways to build a padel court surface:

- By building an entire reinforced concrete slab of 21x11, complying with the thicknesses and slopes indicated in the corresponding technical drawings for each type of padel court.
- By building a concrete ring beam all around the perimeter of the padel court and filling the playing area with porous concrete which drains the water or with asphalt or compacted volcanic sand etc... It is very important that both surfaces - the concrete ring beam and playing area - to be at the same level.
- Follow always the building drawings.



Our sales team would be pleased to solve your doubts and to guide you in your padel project!

- In some cases, when there is an existing surface made in asphalt or similar surfaces, a cut is made and introduced the reinforced concrete ring beam. The structure of the padel court is fixed into the concrete and the existing surface is covered by artificial turf and used as playing area.



# INFORMATION ABOUT ARTIFICIAL TURF

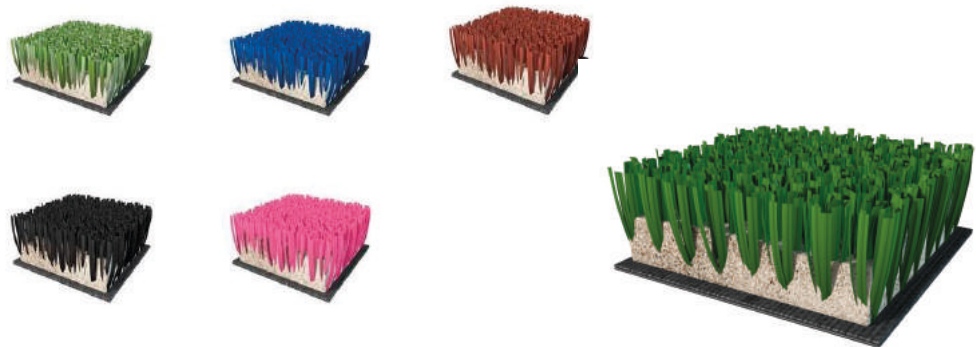
It is recommended to play padel on a surface covered by artificial turf, as it prevents injuries and it is considered to be the optimal surface for playing and enjoying this sport.

Generally, there are two types of artificial turf used for padel:

- **Fibrillated** turf of 12 mm high coloured in green, blue or terracotta



- **Monofibre** turf of 12 mm high coloured in green, blue, terracotta, black and pink



Due to its characteristics (ask for technical datasheet), the monofibre artificial turf it last longer in time and it is mostly recommended for outdoors

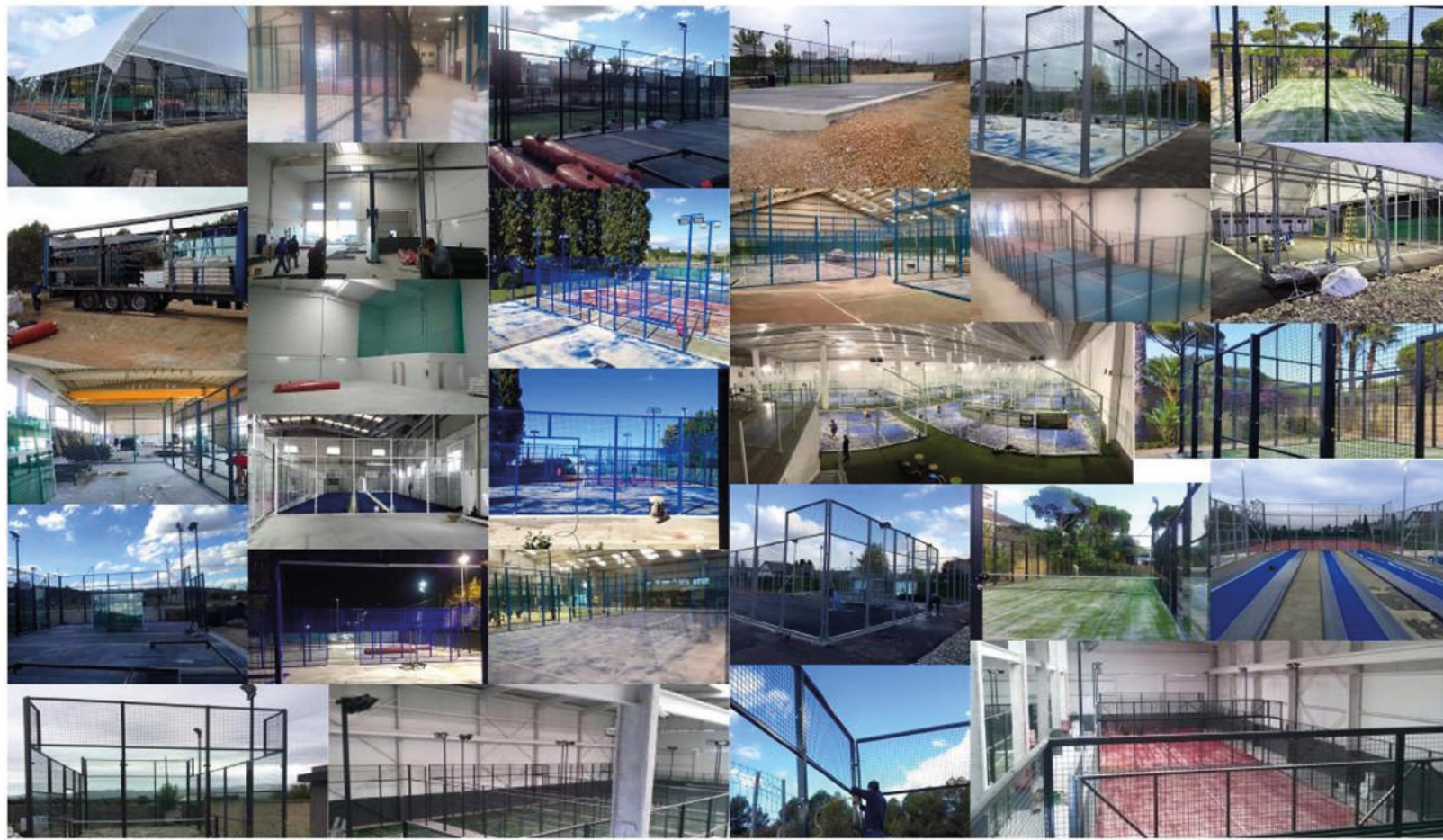
Both types of turf have to be infilled with approximately 3,5 T of silica sand per each padel court (approx. 17,5 Kg/m<sup>2</sup>).

The padel turf is delivered in 3 rolls, two of them of 4m width and one of 2m width, all of three of 20m length each. The white lines are included in the turf, on side, and are cut and inserted in the right place during installation with connection band adhesive

The artificial turf it is never glued to the surface.

For more information about the surface contact with our sales team.





# OUR PROJECTS



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