



**redsport**

**PADEL COURTS 2024 CATALOGUE**

# HIGH-TECH COURTS FOR TOUGH PADEL INDUSTRY PLAYERS

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With a team of experts involved in the world of sports, we have achieved an excellent position as a capable company to take on all the challenges of the world of padel.

Our dedication to offering the best services and products is the result of our commitment to quality and innovation.



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# TYPES OF COURTS

## PILLAR

True to its origins and with unbeatable stability and attractive, minimalist aesthetics allows us to maximize the performance of your investment over the long term being our best seller.

- > PRO<sup>+</sup>
- > PRO RF
- > ALUMINUM RF 3.0



## PANORAMIC

The result of innovation, technology and high quality along with the manufacturing process using the best materials, offering the viewer absolute visibility and the players a game without limits.

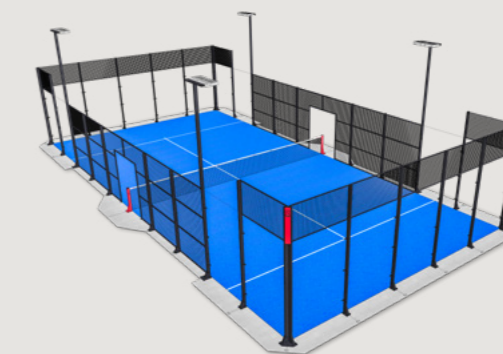
- > PANORAMIC AFP<sup>+</sup>
- > PANORAMIC V<sup>+</sup>
- > PANORAMIC 180<sup>+</sup>



## PORTABLE

The perfect padel court for promotional and sporting facilities that want to test the success of the sport to end up buying it thanks to the ease to the installation.

- > TRV&BUY SYSTEM



# INSERT FIXATION SYSTEM (IFS®)

UTILITY MODEL ES1294253U  
BOPI 12/09/2022

The **Insert Fixation System (IFS®)** is a revolutionary padel court constructive system developed and registered by AFP Courts. This new assembling system implies far-reaching changes and groundbreaking improvements in the design, manufacturing, transport, set-up and maintenance of padel courts, setting a global milestone in the history of padel courts manufacturing.

## IFS® constructive enhancements:

- › Structural stability and robustness increase.
- › Delivery deadlines accomplishment.
- › Reduction of constructive timings.
- › Crates space reduction.
- › Optimization of transport costs.
- › Carbon footprint mitigation.
- › Easier customization.

The new **Insert Fixation System®** has been registered by **AFP Courts** at national and international level, being identified by the OEPM and EUIPO as **Utility model ES1294253U**.



# ➤ MATERIALS



## **AFP TURF\*** *Texturized fiber*

AFP Turf texturized monofilament fiber to guarantee a superior grip and consistent bounce across the whole court. It requires minimum maintenance and due to its low-level infill, looks great all year round.



## **AFP LIGHTING** *Exclusive led spotlight*

Exclusive asymmetrical led spotlight (4 x 320 W, 4 x 200 W, 8 x 150 W), with aluminum casing, flat glass diffuser security, high-performance reflectors and 5 years warranty.



## **ANTICORROSIVE PAINT** *Anticorrosive protection*

Primer powder epoxy resin without zinc, based on a system of High Density Crosslinking (HDC) that improves the barrier effect and provides excellent flexibility and superior adhesion properties.



## **HYDRO ALUMINUM** *We are aluminum*

The aluminum used in our courts combines local expertise, worldwide reach and unmatched capabilities in R&D. It is exclusively provided by Hydro, a fully integrated aluminum multinational company present in 40 countries in the world.



## **RESTORE ALUMINUM** *Maximum durability*

Profiles and pillars produced with 100% recyclable Hydro RESTORE aluminum to ensure the durability and robustness of the padel court. Manufactured from pre-used or post-used junk up to 80% and primary aluminum up to 20%. Additionally, our product is 100% infinitely recyclable.



## **SAFETY GLASS** *More glass protection*

10 or 12 mm toughened safety glass with countersunk fixing holes for installation.

\*Certified product:



# ➤ TECHNOLOGIES



## **ANTI-INJURY MESH** *Increase the security*

Anti-injury system of 3 x 2 m continuous folded meshes to create a safe playing arena. It also benefits the bounce of the ball and increases the protection of the glass.



## **CATAPHORESIS** *Corrosion resistance*

The painting process using the cataphoresis method offers long-lasting, high-quality products with high resistance to corrosion. It is an automated painting system with electrical charges that provides an excellent protection before the final paintment.



## **LASER CUT ANCHOR PLATES** *Improve the court's durability*

Laser cut anchor plates, designed with an opening to install the pillars and specifically to allow moisture egress.



## **REINFORCED DESIGN** *Higher wind resistance and structural strength*

Reinforcement of key court components to obtain higher wind resistance and structural strength, according to wind and durability court tests performed by AFP Courts on anchor plates, pillars and brackets.



## **WIND SPEED COMPLIANT** *More wind speed supported*

Maximum wind speed supported according to the calculation based on the Wind Eurocode 1: Action on structures – Part 1-4: General actions – Wind actions [Authority: Per The European Union Regulation 305/2011, Directive 98/34/EC, Directive 2004/18/EC].



## **MATRIX** *Innovation in new patented matrix*

In cooperation with Hydro Company leader we have developed a range of extruded aluminum profiles exclusively for our padel courts. It is an advanced fabrication with patented matrices thought for padel courts.



# REDSPORT PADEL COURTS

- redsport **PRO+** ➤ p.12
- redsport **PRO RF** ➤ p.16
- redsport **PANORAMIC AFP+** ➤ p.20
- redsport **PANORAMIC V+** ➤ p.24
- redsport **PANORAMIC 180+** ➤ p.28
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- CUSTOMIZED** redsport ➤ p.36
- TRY&BUY** Portable System ➤ p.40



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**PRO+**

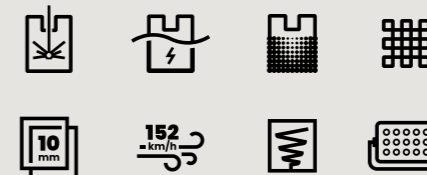
*The best-selling padel court upgraded to a higher level*

 redsport

## FEATURES

### Materials & Technologies

- › 2 mm pre-galvanized steel
- › Laser cut anchor plates
- › Hidden robotized welding system
- › **IFS®** Insert Fixation System
- › Anchor plates separated from the pillars
- › Cataphoresis treatment on all anchor plates (C5M)
- › Anti-injury mesh
- › 10 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecánica (IBV)
- › AFP Lighting. 4x320 W / 4x200 W / 8x150 W
- › The redsport branding and certificate of authenticity



### 1. Lighting pillars

Straight 6,25 m lighting pillar with 310×250 mm anchor plate, possibility to install 1 or 2 LED spotlights.

### 2. L-brackets

70×70 mm L-brackets for glass fixing.

### 3. Net tensor

Hidden tensioner inside the net post protected by a plastic cap, allowing the net to be tensioned with a hexagonal head screw.





# redsport PRO RF

The reinforced PRO court with the highest resistance warranty under extreme weather conditions.



## FEATURES Materials & Technologies

- › 2 mm / 3 mm pre-galvanized steel
- › Laser cut anchor plates
- › Bigger anchor plates with 6 anchor points
- › 20 mm thickness anchor plates
- › Reinforcement up to 1 meter in all pillars in contact with the glass
- › Anti-injury mesh
- › 10 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecánica (IBV)
- › AFP Lighting. 4x320 W / 4x200 W / 8x150 W
- › The redsport branding and certificate of authenticity



1

## 1. Corner pillars

Double reinforcement in all corner pillars up to 1 meter and decorative corner plate 4 meter high.

## 2. Anti-injury mesh

An AFP Courts exclusive System of folded mesh has been developed, which avoids players' fingers entrapment.

## 3. Reinforcement in pillars

The reinforcement up to 1 meter on all pillars in contact with the glass and 20 mm thickness anchor plates with 6 anchors allow wind gusts of up to 258 km/h to be withstood.



2



3



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# PANORAMIC AFP<sup>+</sup>

Optimal panoramic visibility for a unique experience



## FEATURES

Materials & Technologies

- › 2 mm pre-galvanized steel
- › Laser cut anchor plates
- › Hidden robotized welding system
- › **IFS®** Insert Fixation System
- › Anchor plates separated from the pillars
- › Cataphoresis treatment on all anchor plates (C5M)
- › 3 mm thick corner pillars
- › Anti-injury mesh
- › 12 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecânica (IBV)
- › AFP Lighting. 4x320 W / 4x200 W / 8x150 W
- › The redsport branding and certificate of authenticity



### 1. Panoramic lateral view

This court offers the viewers absolute visibility of the playing area not only in the background but also in the lateral, providing a game without limits to the players.

### 2. 12 mm glass

12 mm toughened safety glass with countersunk fixing holes for installation.

### 3. Brackets

Rounded brackets as glass support with height adjustment system.



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**PANORAMIC V+**

*Panoramic and framed vision for a superior visual experience*



## FEATURES

Materials & Technologies

- › 2–3 mm pre-galvanized steel
- › Laser cut anchor plates
- › Hidden robotized welding system
- › **IFS®** Insert Fixation System
- › Anchor plates separated from the pillars
- › Cataphoresis treatment on anchor plates (C5M)
- › Anti-injury mesh
- › 12 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecánica (IBV)
- › AFP Lighting. 4×320 W / 4×200 W / 8×150 W
- › The redsport branding and certificate of authenticity



1

### 1. Panoramic lateral view

This court offers the viewers absolute visibility of the playing area not only in the background but also in the lateral, providing a game without limits to the players.

Special background structure made of pillars and crossbars, making this model the strongest outdoor panoramic court.

### 2. Corner pillar

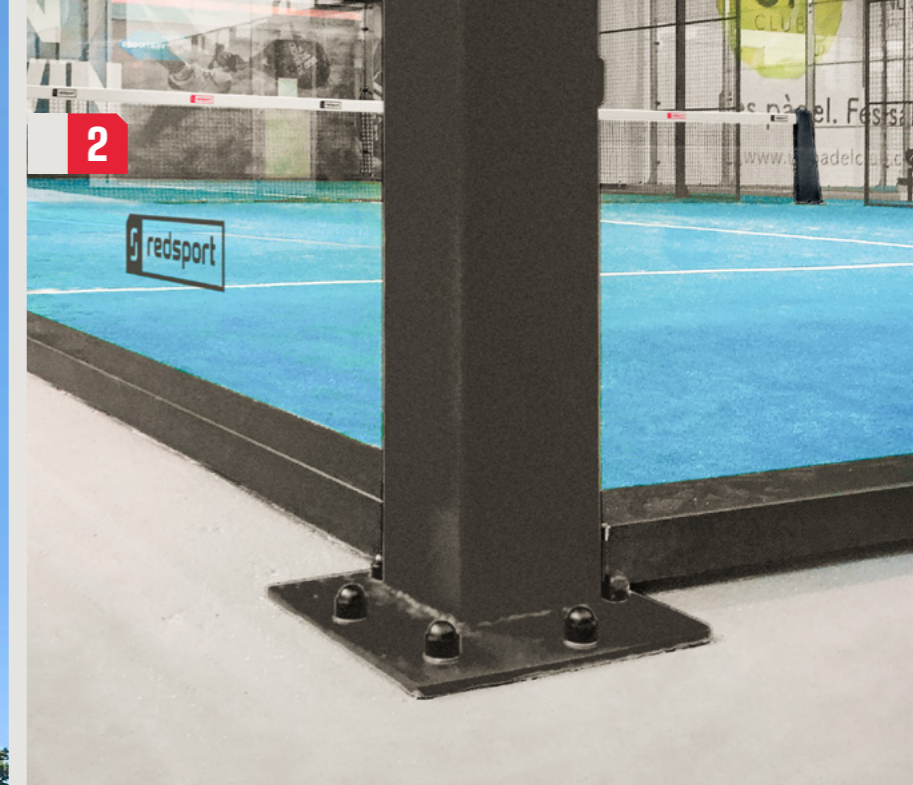
150 × 150 × 3 mm corner pillars.

### 3. AFP Turf

Unique AFP Turf texturized monofilament fiber to guarantee a superior grip and consistent bounce across the whole courts.



2



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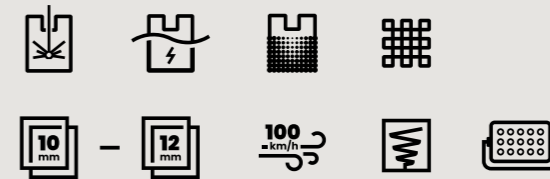
# redsport PANORAMIC 180<sup>+</sup>

The only panoramic hybrid court combining panoramic visibility and robustness



## FEATURES Materials & Technologies

- › 2 mm pre-galvanized steel
- › Laser cut anchor plates
- › Hidden robotized welding system
- › IFS® Insert Fixation System
- › Anchor plates separated from the pillars
- › Cataphoresis treatment on all anchor plates (C5M)
- › 3 mm thick corner pillars
- › Anti-injury mesh
- › 10–12 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecânica (IBV)
- › AFP Lighting. 4x320 W / 4x200 W / 8x150 W
- › The redsport branding and certificate of authenticity





1

## 1. Insert Fixation System

Separation between anchor plates and pillars, which eases installation and transport (registered model ES1294253U – BOPI 12/09/2022).

## 2. Certificate of authenticity

Aluminum plate with certificate of authenticity and serial number for traceability.

## 3. AFP Lighting

Exclusive asymmetrical led spotlight (4×320 W, 4×200 W, 8×150 W), with aluminum casing, flat glass diffuser security, high-performance reflectors and 5 years warranty.



2



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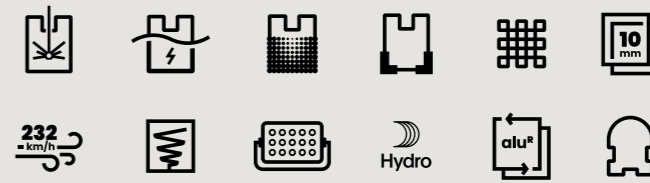
# redsport ALUMINUM RF 3.0

The 3rd generation of outdoor aluminum padel courts:  
tough, recyclable and eco-friendly



## FEATURES Materials & Technologies

- › 2 to 1,7 mm aluminum exclusive profiles
- › Laser cut anchor plates
- › 12 mm anchor plates
- › No welding on all aluminum profiles
- › Cataphoresis treatment on all anchor plates
- › Anticorrosive paint in meshes and glass brackets
- › No drilling on pillars for meshes and brackets to avoid corrosion
- › Special bigger reinforcements in all the pillars plates
- › Anti-injury mesh
- › 10 mm tempered glass
- › AFP Turf. Certified by Instituto de Biomecánica (IBV)
- › AFP Lighting. 4x320 W / 4x200 W / 8x150 W
- › Hydro Restore recycled material



1

## 1. Matrix

We have developed a range of extruded aluminum profiles exclusively for our padel courts. It is an advanced fabrication with patented matrices thought for padel courts.

## 2. ITEM. Universal-Fastening Set

We use zinc-plated ITEM Central-Fastening Set and ITEM Universal-Fastening Set to fix glass brackets and 50×50 mesh profiles to the pillars.

## 3. Pillars reinforcement

All the aluminum pillars are inserted on the 12 mm thickness anchor plates through a 60×60 mm profile 60 cm in height; in addition to this profile, all these anchor plates have been reinforced.

## 4. Mesh panels fixation

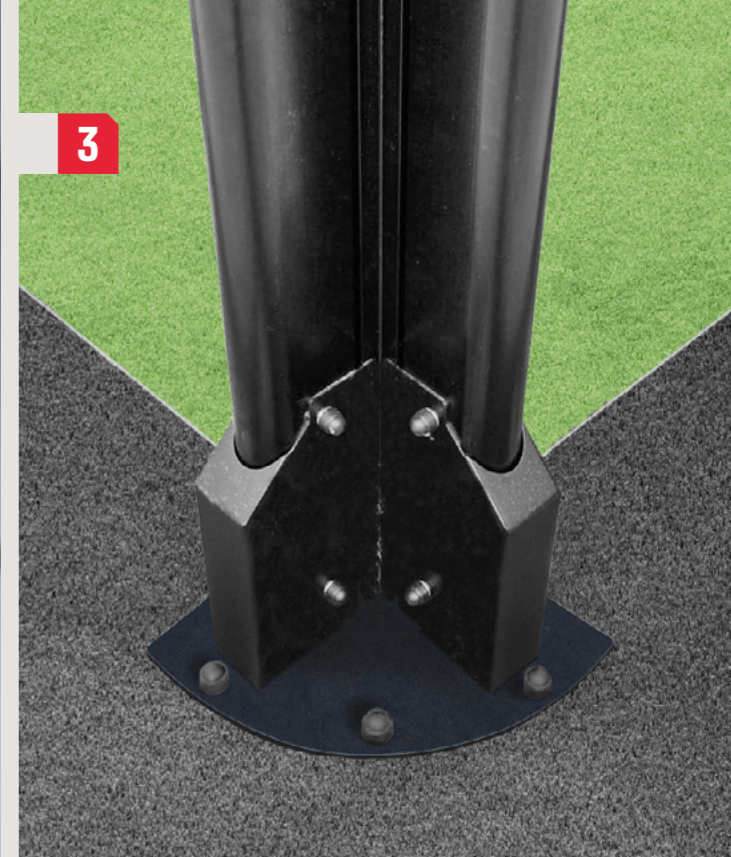
Aluminum staple type pieces used to connect the steel welded mesh with aluminum frames.



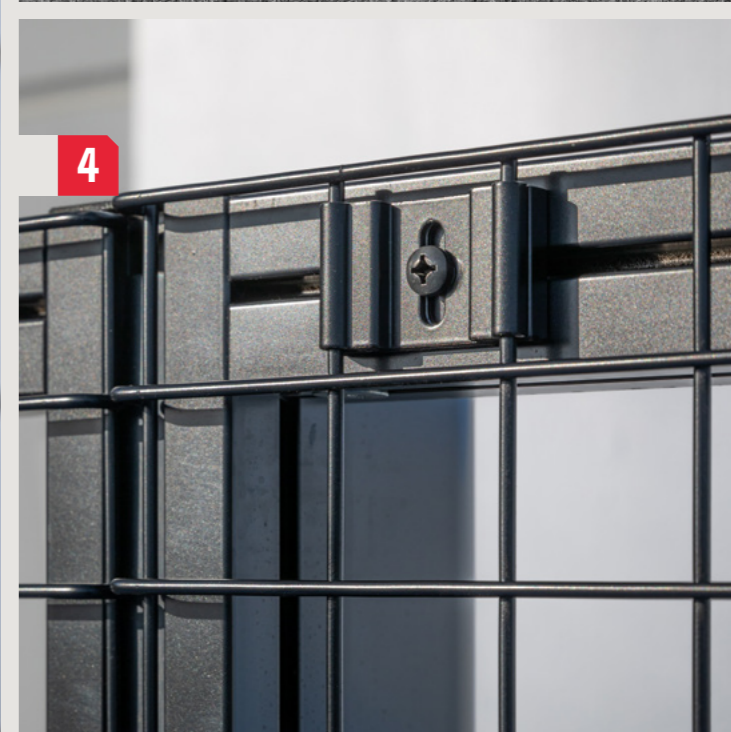
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# CUSTOMIZED REDSPORT

A padel court custom-made



## FEATURES

Materials & Technologies



**EACH PADEL PROJECT IS UNIQUE, AND EACH BRAND CONVEYS A UNIQUE CORPORATE IMAGE.**

While maintaining the maximum technical and sporting performance, **AFP Courts** adapts any padel court to the client's brand image. Thanks to our autonomous painting tunnel, we can apply custom color and logos to different court areas.

## 1. Lighting pillars

Lighting pillars with the possibility of having 1 or 2 LED spotlights, in addition to the possibility of being straight, inclined or curved.

## 2. Netpost Branded

Possibility of choosing a 80 × 80mm or 160 × 80mm net post, including a company logo or choosing a different color from the rest of the padel court.



# TRY & BUY PORTABLE SYSTEM

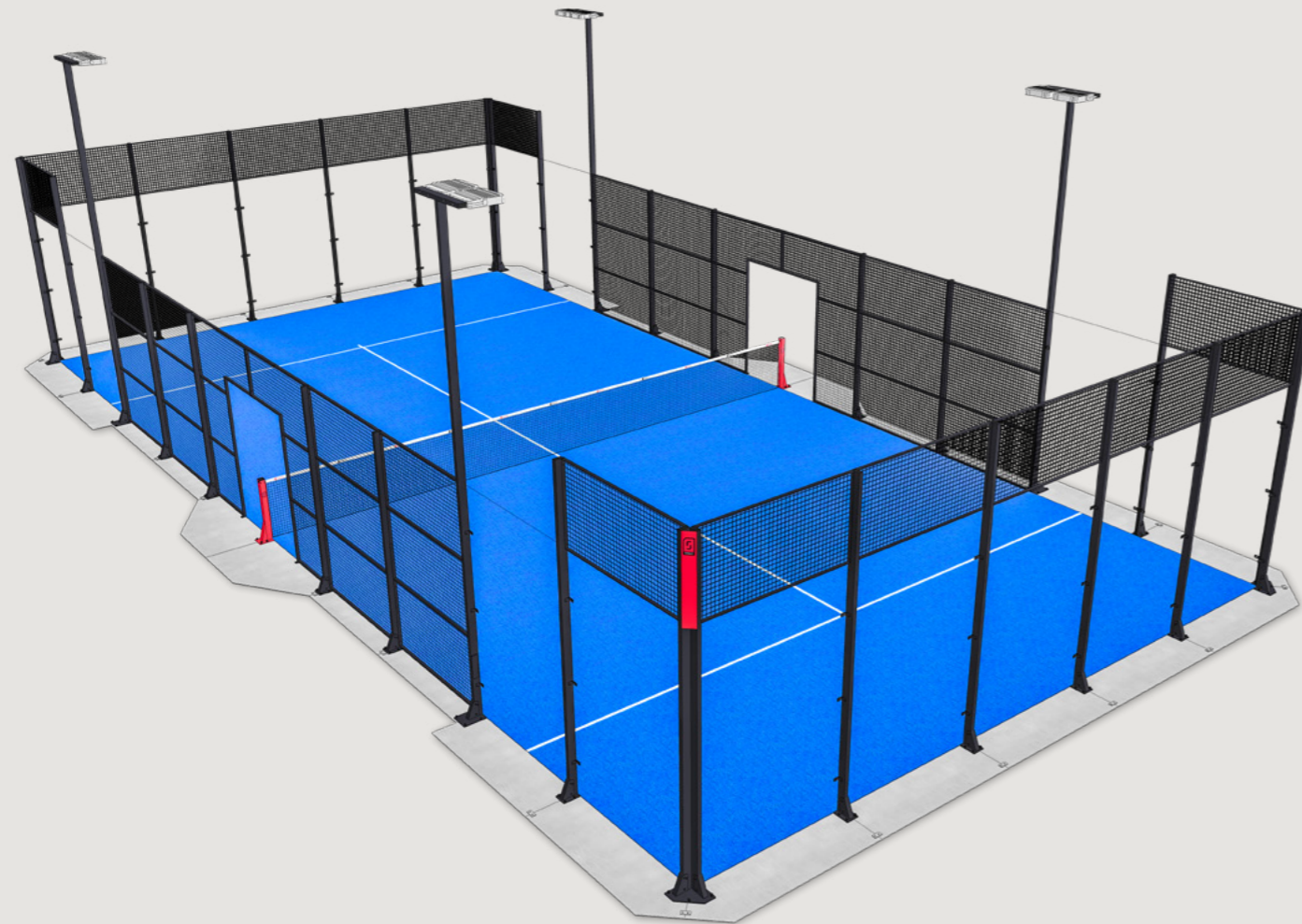
Promote it, try it and get it

 redSPORT

## FEATURES

### Materials & Technologies

- › Possibility to install a padel court without any civil works.
- › Perfect for indoor facilities or temporary events.
- › 8 mm thick S-235 steel plates with zinc treatment.
- › Threaded holes to avoid anchoring to the ground.
- › 6 mm elastic rubber layer under the plates.



The Try & Buy portable System consists of a floor ring around the court, which supports and distributes the total weight of the court.

The ring is composed by steel sheets, each of them connected through adjoined safety plates, which guarantee the court's stability and robustness.

With this system any **redSPORT** padel court model can be installed on any surface guaranteeing the success of any tournament or activity carried out on the court.

### 1. In a panoramic court

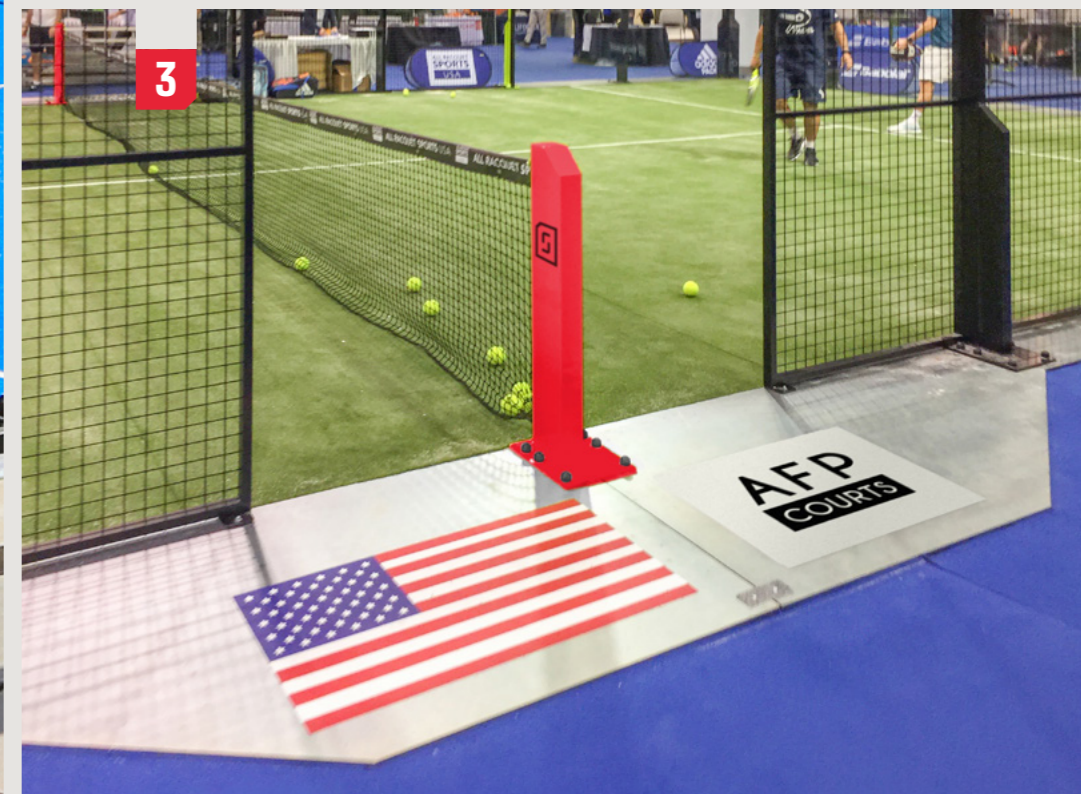
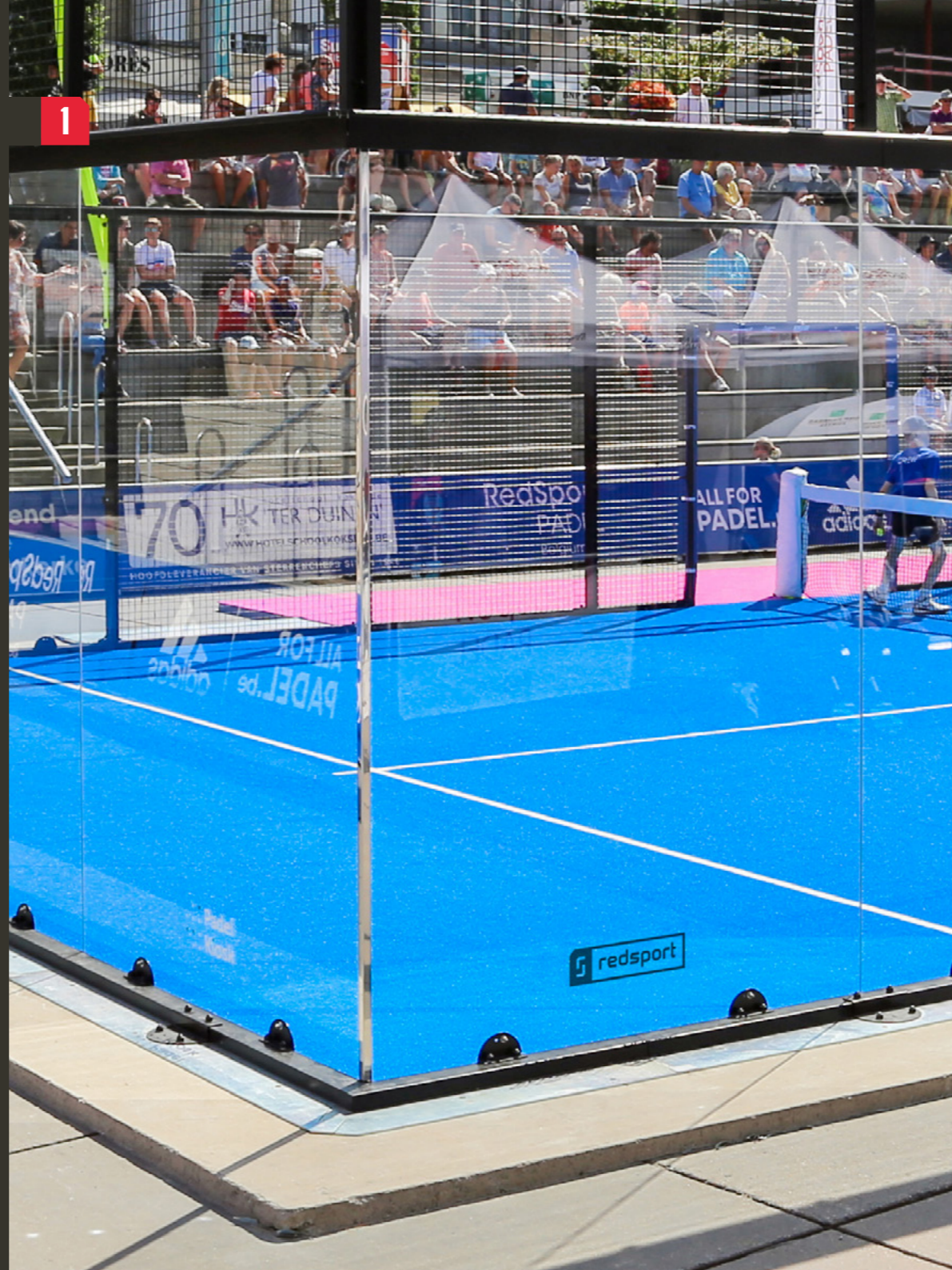
Plate kit valid for panoramic padel courts, whether competition models or not, covering the entire perimeter of the Padel court metallic structure.

### 2. In a reinforced pillars court

Plate kit designed for pillar courts, including reinforced models that will later be permanently installed in geographic areas with high wind speeds.

### 3. Portable safety union

Safety union adjoining the portable plates.





[www.redsportpadel.com](http://www.redsportpadel.com)

