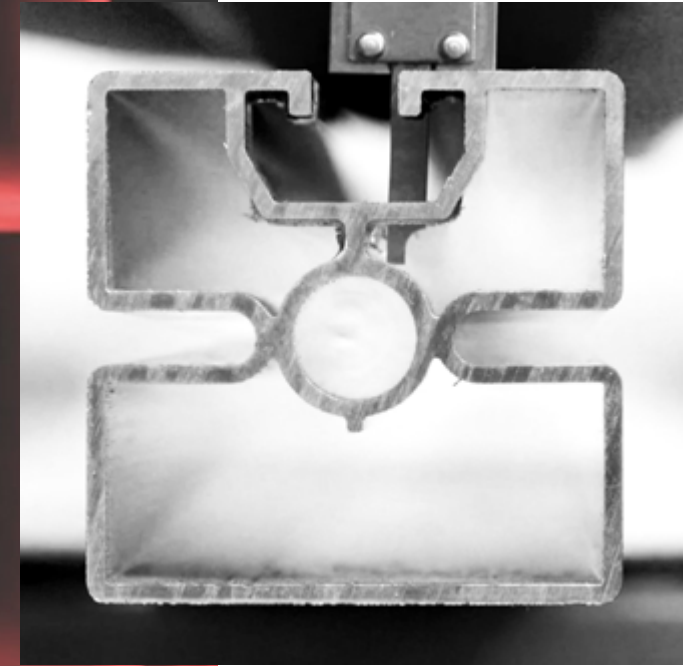


CATALOGUE ALUMINUM

AFP COURTS
2023



**Sustainability,
durability &
resistance.**



**| With this choice,
declare your intention
to be an active part in
a smarter and more
sustainable future.**



AFP Courts is aware of the importance of making a good choice when looking for a padel court for outdoor sport facilities. For this reason, we are pleased to introduce the padel courts designed and manufactured in aluminum with the aim of achieving the maximum durability, resistance and sustainability.

Aluminum is the most used metal apart from steel, fundamentally due to its outstanding mechanical performance: it's light, its resistance to corrosion is much bigger than that of the steel, it's malleable, waterproof and odorless. Moreover, it's neither magnetic nor toxic and it's a kind of metal that can be **100% infinitely recycled without losing its qualities.**

Every padel court shown in this catalogue is manufactured with recycled Hydro Restore aluminum, identificative trademark of the Norwegian multinational company **Hydro**. This stamp guarantees that we only use aluminum manufactured from pre-used or post-used junk on 80% and primary aluminum on 20%. This process is made in a transparent way providing certified documentation from third-parties: all operations are audited and have got a product environmental declaration issued by the **ASI (Aluminum Stewardship Initiative).**

With this choice, you're not only going **to get a much more long-lasting padel courts installation**, but you're also **contributing to the reduction of the carbon footprint** and declare your intention to be an active part in a smarter and more sustainable future.

materials & technologies



ANTI-INJURY MESH
Increase the security

Anti-injury system of continuous folded mesh to create a safe padel court. It also benefits the bounce of the ball and increases the protection of the glass.



LASER CUT PLATES
Improve the court's durability

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



GLASS
More glass protection

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



AFP TURF*
Texturized fiber

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



LED
Exclusive led spotlight

Exclusive asymmetrical led spotlight 306w, aluminum body, flat security diffuser glass, high performance reflectors and a 5-years guarantee.

*Certified by:



**Tested by:



WIND**
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: By The European Union Regulation 305/2011, Directive 98/34/EC, Directive 2004/18/EC].



ANTICORROSIVE PAINT
Anticorrosive protection

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



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.



ALUMINUM RESTORE
Maximum durability

Profiles and pillars in aluminum RESTORE by Hydro to guarantee the durability of the padel court with 100% recyclable material. Manufactured from pre-used or post-used junk on 80% and primary aluminum on 20%. Moreover, our product is 100% (infinitely) recyclable.



HYDRO
We are aluminum

The aluminum that we use combines local expertise, worldwide reach and unmatched capabilities in R&D from Hydro, as a fully integrated aluminum multinational company present in 40 countries on all continents.



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.



RedSport /
ALUMINUM RF 3.0



adidas /
ALUMINUM RF 3.0



RedSport / ALUMINUM RF 3.0

| Tradition and innovation perfectly combined.

The third evolved generation of the RedSport Aluminum padel court is here to achieve a **higher resistance in much more adverse climate regions.** An **unequal wind resistance** is achieved thanks to its RF 3.0 plates system which guarantees that we have probably got **the market's more long-lasting padel court nowadays.**

/ photo / TV Bernissepark, Zuidland – Aug. 2022

RedSport





01

01 / TV Bernissepark /
Zuidland, Aug. 2022.

02 / Doble reinforcement /
Doble reinforcement in all the corners.

03 / Reinforcement /
Reinforcement designed to guarantee extra stability.

04 / Union of profiles /
No welding required in all the aluminum 2-1,7mm profiles.



02



03



04



| The best-in-class.

The first adidas padel court manufactured in aluminum and designed just for the most demanding players. With a perfect combination between sportiveness and toughness (robustness), it evokes the original FX 2.0 model, but at the same time, it takes a **step forward to the future thanks to its astonishing aesthetics.**

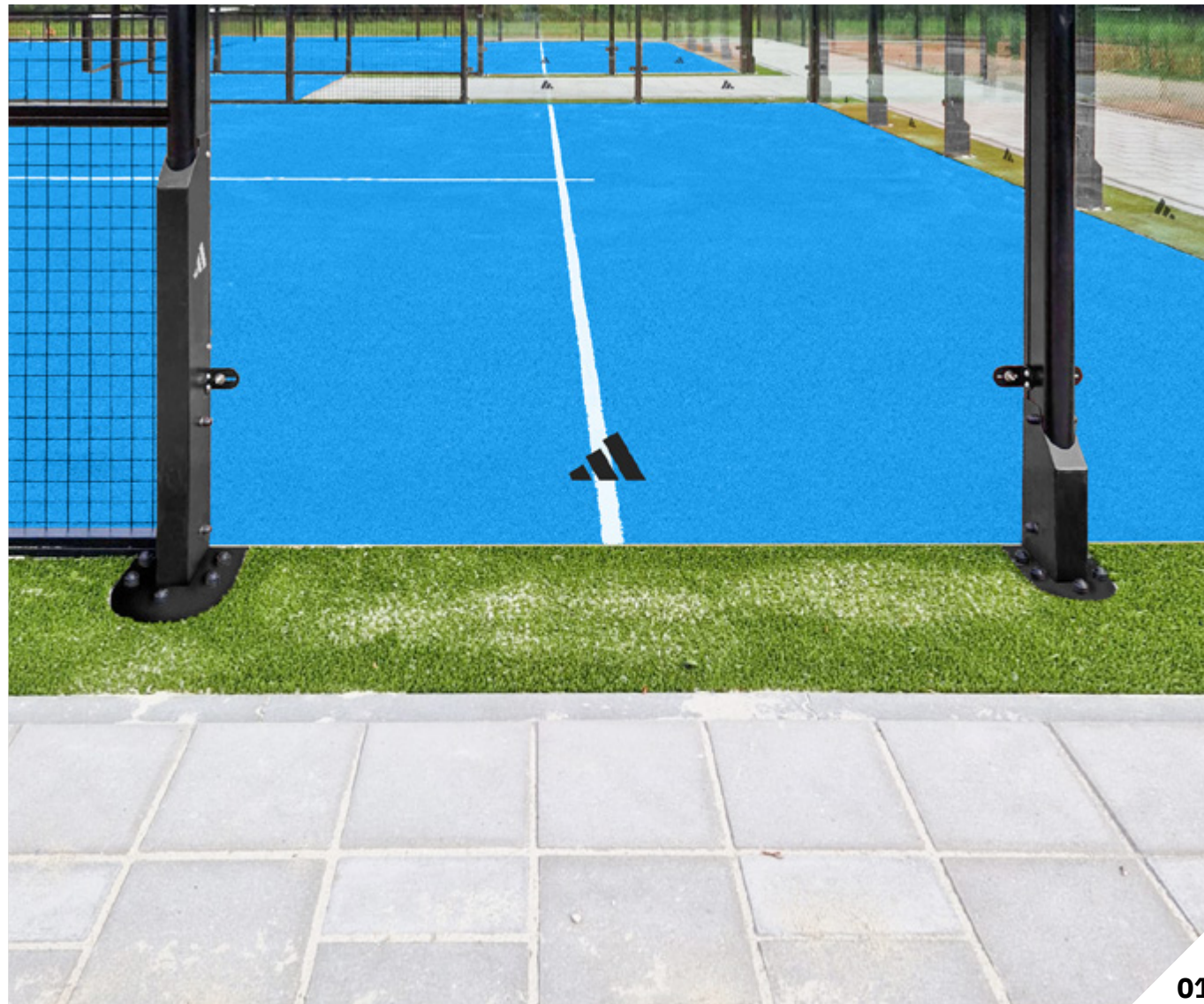
This new design of adidas padel court provided **with all its premium components** and an excellent durability becomes part of **the most sustainable and resistant padel courts on our catalogue.**



MATERIALS&TECHNOLOGIES



adidas / **ALUMINUM RF 3.0** / details



01

01 / New adidas aluminum RS 3.0/
New adidas aluminum padel court.

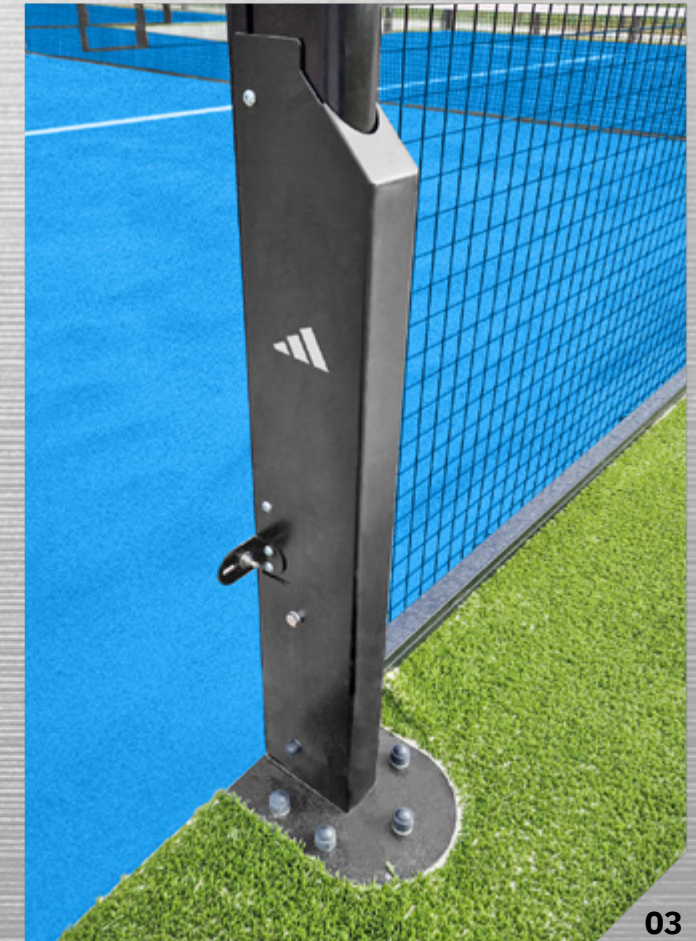
02 / Corner reinforcement /
The adidas corner plate.

03 / Lamppost /
1m reinforcement.

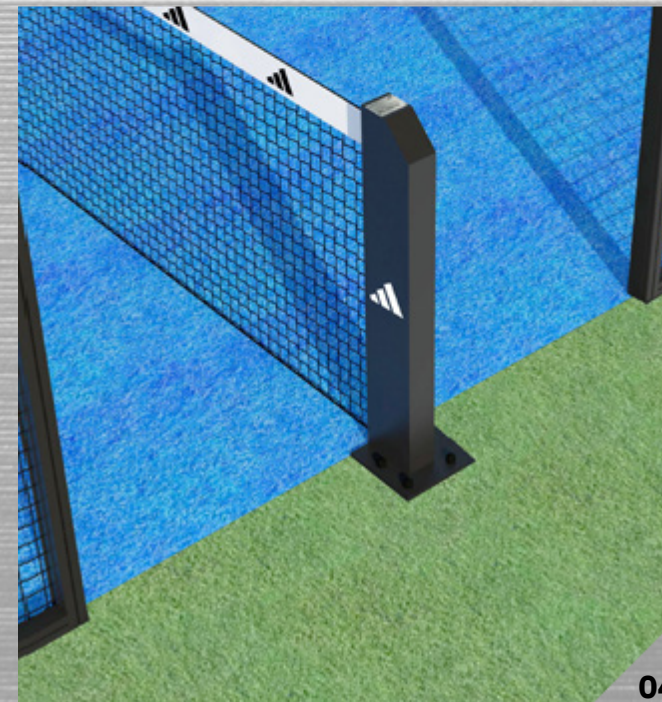
04 / Netpost /
Special adidas netpost .



02



03



04



Our aluminum padel courts all over the world

177 | ALUMINUM PADEL COURTS **12** | COUNTRIES

| AMERICA

USA / **12**
Barbados / **01**

| EUROPE

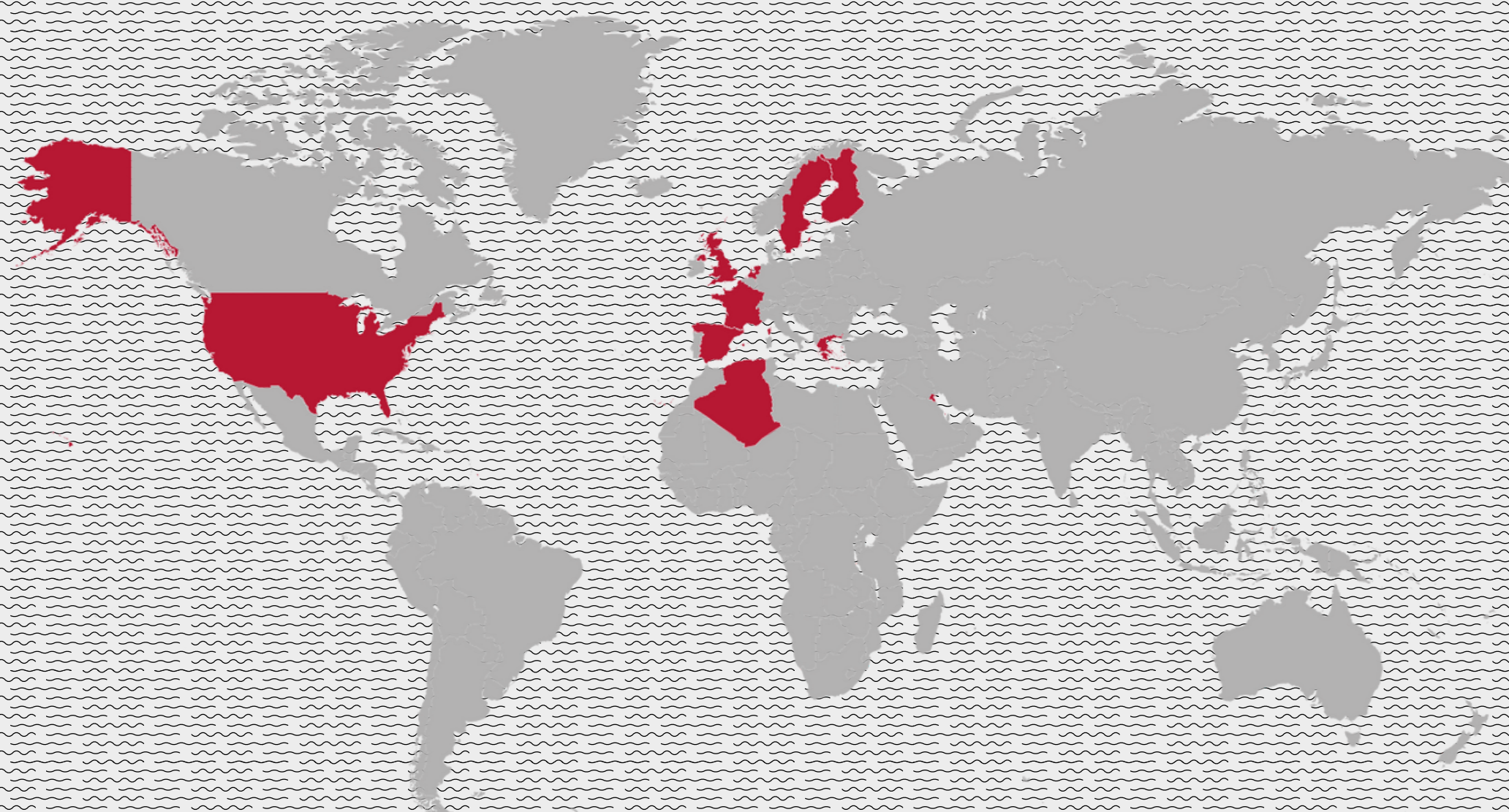
Spain / **01**
France / **08**
Sweden / **49**
Finland / **22**
Netherland / **03**
UK / **58**
Greece / **03**

| AFRICA

Algeria / **02**

| ASIA

Kuwait / **08**
Bahrain / **10**



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