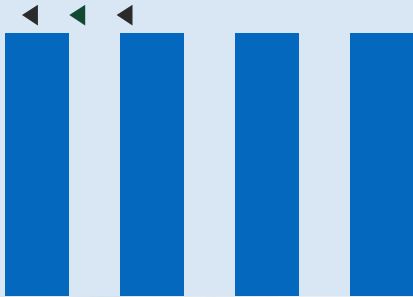
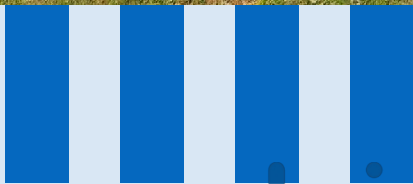




GROUPE
SAE



Model
FREESTANDING



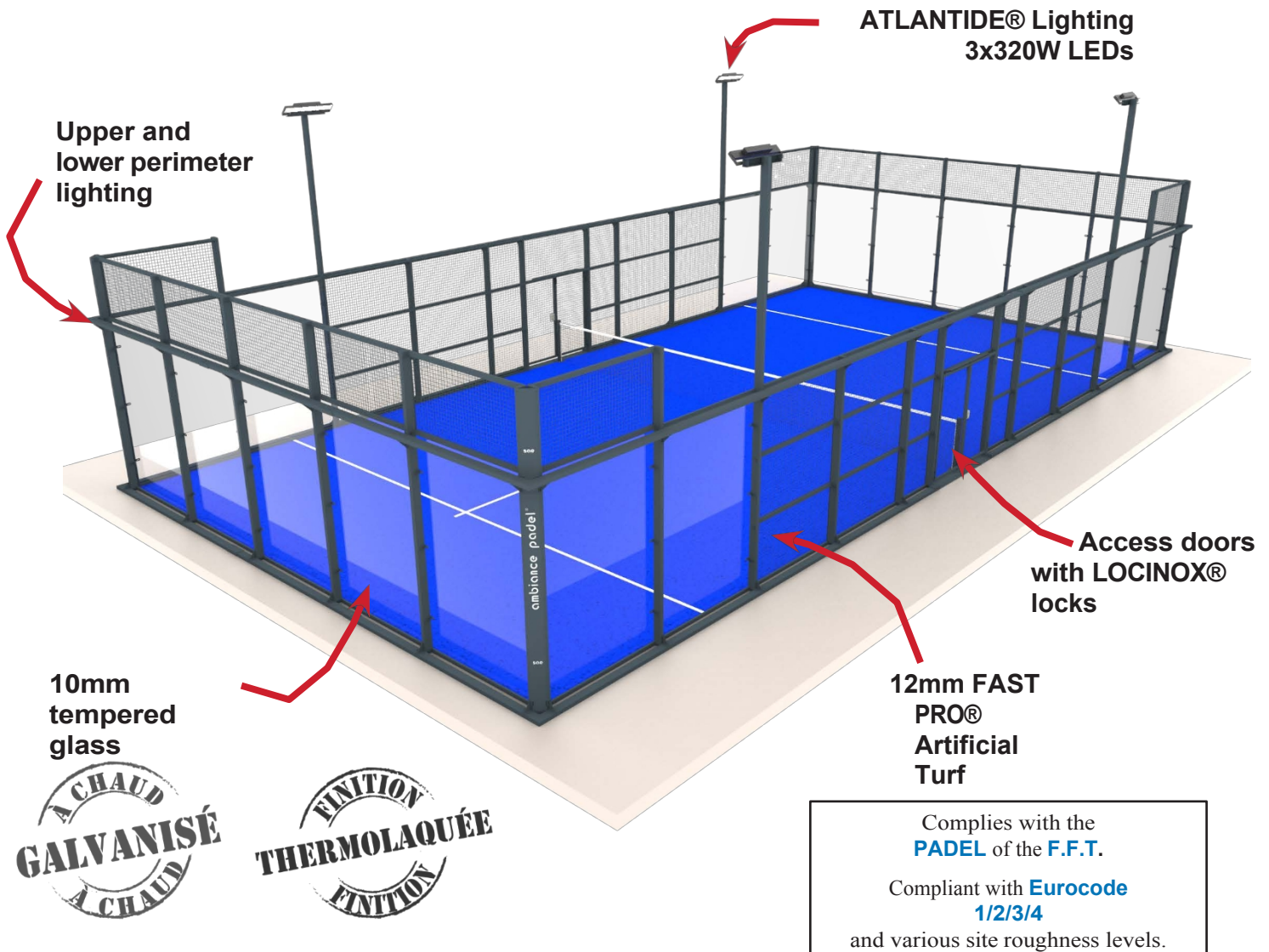
ambiance padel®



GROUPE SAE - 108, avenue de la libération 33440 Ambarès. Tel. 05 56 38 97 50 RC 308 365 014.
 Siret 308 368 014 00015. Banque Populaire ACA FR76 1090 7003 3496 1218 4597 086
 SAS WITH CAPITAL OF €120,000. Intra-EU VAT No.: FR 40 308 365 014 00015

+
 +
 +
 +
 +
 +

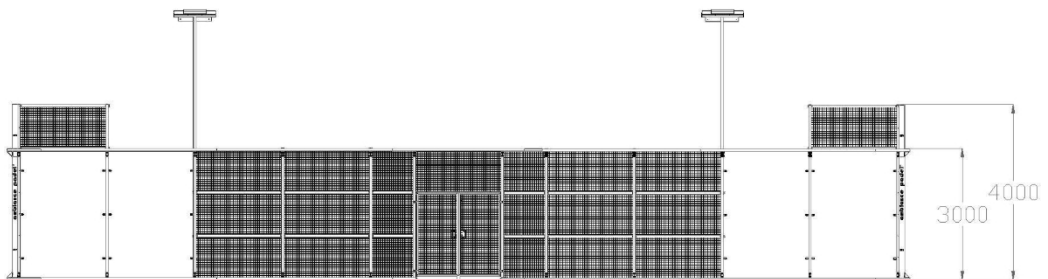
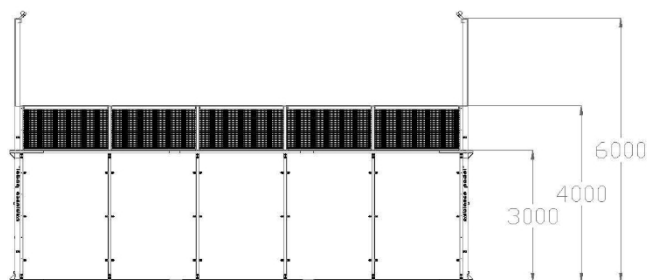
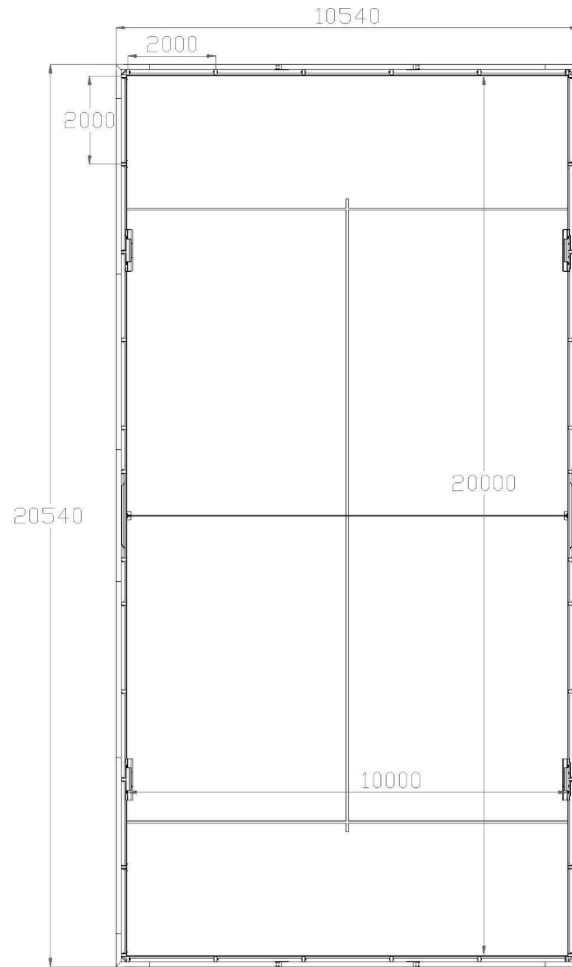
General description:



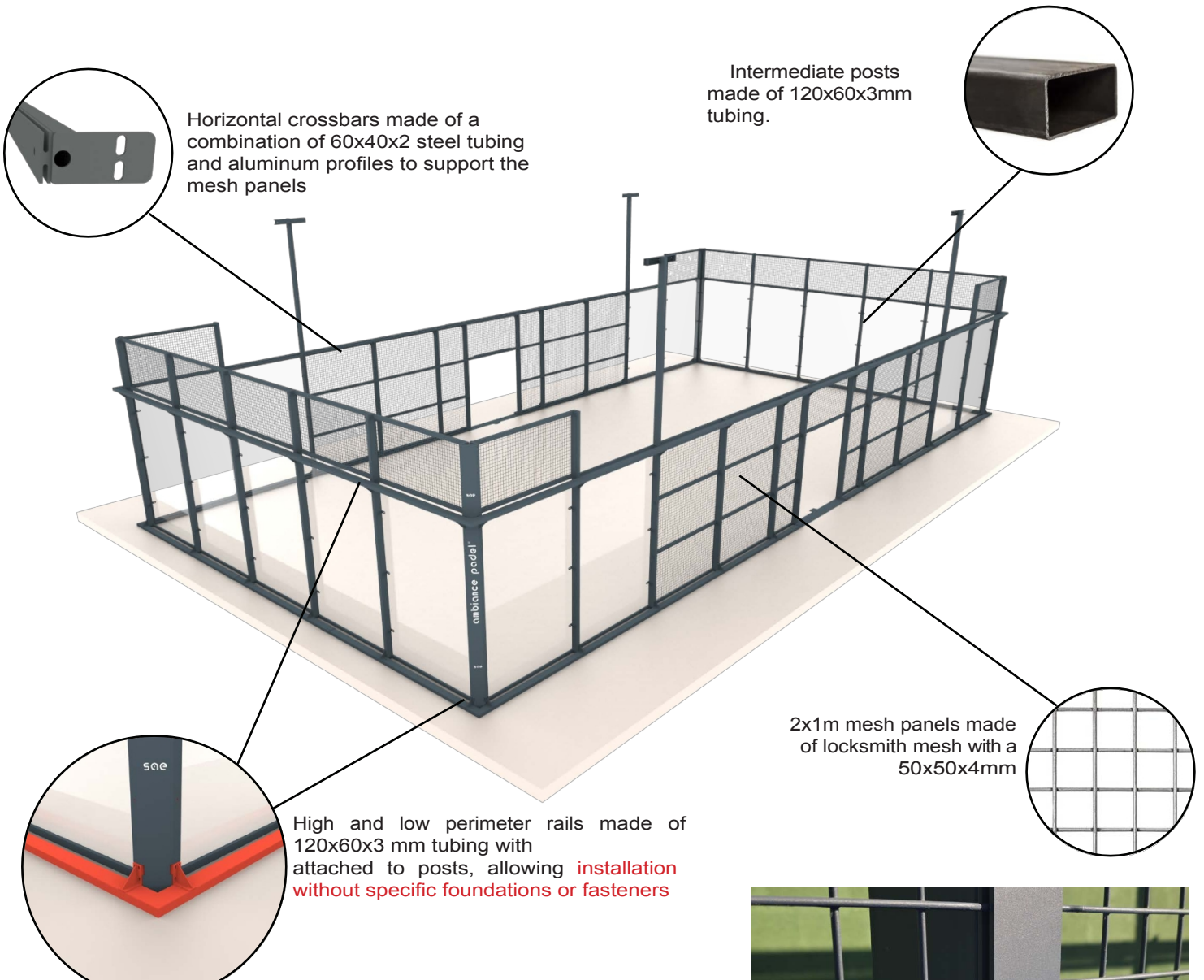
Complies with the
PADEL of the **F.F.T.**
Compliant with **Eurocode**
1/2/3/4
and various site roughness levels.

Manufacturer	SAE Group (SAE France)
Playing area dimensions	20x10m
Footprint	20.54 x 10.54 m
Support structure	Hot-dip galvanized steel
Finish	Epoxy powder coating
Glazing	10mm tempered glass
Coating	12mm FAST PRO® turf - Semi-sanded textured monofilament
Lighting	3-module 320W LED floodlights

Dimensions :



Structure:

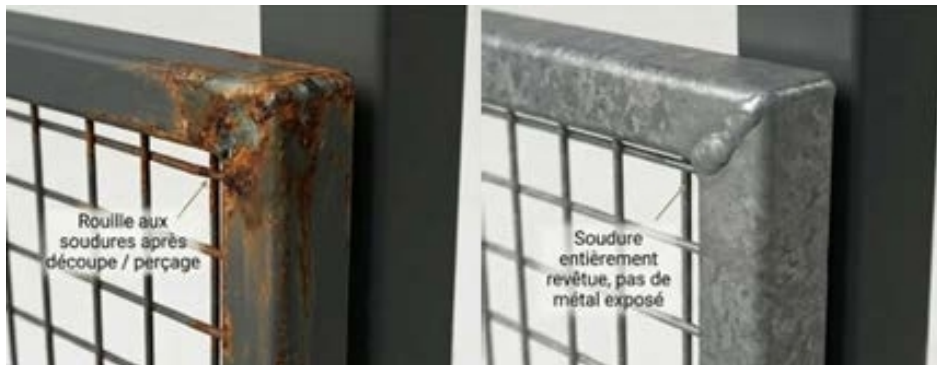


Surface treatment:

The structure is entirely made of **hot-dip galvanized steel in a molten zinc bath (450°C)**

Zinc goes everywhere: inside the tubes, over the welds, and into the drill holes. **There are no weak spots.**

Known for its durability, hot-dip galvanizing is **ideal for structures exposed to moisture and the elements. Complies with ISO 9227.**



Pre-galvanized steel

Hot-dip galvanized steel

Finish:

Application of an epoxy powder coating after degassing and baking at 250°C (powder coating)

Color: Textured matte anthracite gray (RAL 7016)



Bolts and nuts:

The structure and frames are fastened together using **316L stainless steel bolts** and to the support posts.

The glass panels are secured with 8mm stainless steel bolts with countersunk heads, along with **PA6-type Teflon spacers** and sealing caps.



Glass panels:

The court end walls with 4-meter corner extensions are made of **12mm tempered glass** panels with drilled and milled openings.

Compliant with EEC regulations and EN-12150-2, tested according to construction standard EN-14179-2.

Number of glass panels per court	18
Dimensions	2995x1995mm
Thickness	12 mm (+/-5%)
Number of holes per pane	10
UVA transmission	52%
Light transmission	88%
External light reflection	8%
Direct solar absorption	16%
Fire risk	0%
Bullet resistance (EN 1063)	5.60



The separation between the metal support frame and the glazing is achieved by installing a **40 mm wide polymer + EPDM spacer** to prevent any contact between the metal and the glass and **to absorb vibrations and thermal expansion.**

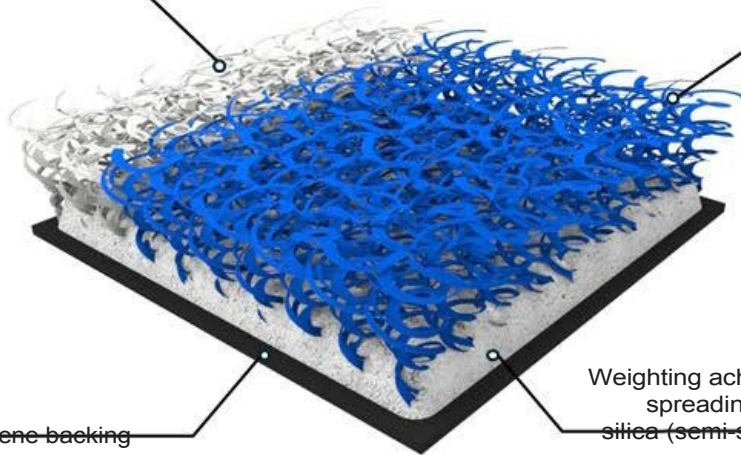
Density	20 kg/m ³
Rotational tensile strength	>450 kPa
Rotational elasticity	>90%
Compressive strength 25%	35–63 kPa
Observed compression set (22 h, 50%, 23°C)	<25%
Water absorption	<5%
Dimensional elasticity	+100%
Fire rating	M2



G12 FAST PRO[®] synthetic turf:

White lines embedded in the turf

12mm textured monofilament polyethylene fibers (looped appearance)



Autres Coloris:



Polyethylene backing

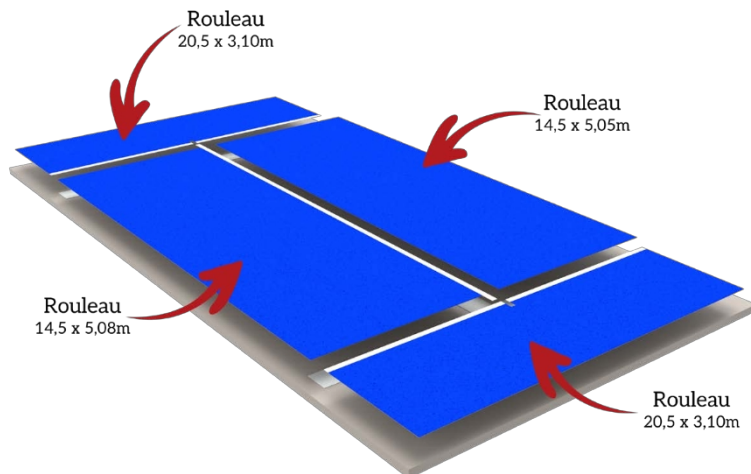
Weighting achieved by spreading natural silica (semi-sanded: 8 kg/m²)

Synthetic surface (semi-textured) Classified ITF 3FAST:

Fiber type	Textured monofilament
Composition	100% Polyethylene
Fiber height	12 mm (+/-5%)
Gauge	3/16
DTEX	8800 Dtex
Stitch count	46,586/m ²
Backing	Polypropylene + polyester fiber
Finish	Polyurethane
Total carpet weight	2343 g/m ²
Filling	Calibrated silica 0.4/0.8 mm (6 kg/m ²)



Free-lay installation (**independent of the subfloor**): Kit consisting of 3 rolls. The individual strips are joined by spreading polyurethane adhesive. **Seams are located only along the lines for a uniform finish. Game lines embedded in the surface**, white in color and 50 mm wide.



Contents of the G12 Fast Pro [®] Turf Kit
1 roll, 20.50 x 3.10 m, with integrated lines
1 roll 14.50 x 5.07 m with integrated white line
1 roll 14.50 x 5.05 m
1 roll of 50m bridging tape
1 15-kg container of two-component polyurethane adhesive
One pallet of 0.4/0.8 mm graded silica

ATLANTIDE® competition lighting:

Discover our new padel lighting system: a high-performance solution featuring **four 320W LED floodlights (each with three modules)** per court, equipped with **asymmetrical lighting** and spot-focused beams for optimal uniformity, and **factory-preset** for quick and hassle-free installation. **Connections are made at the base of the pole via an access panel.**

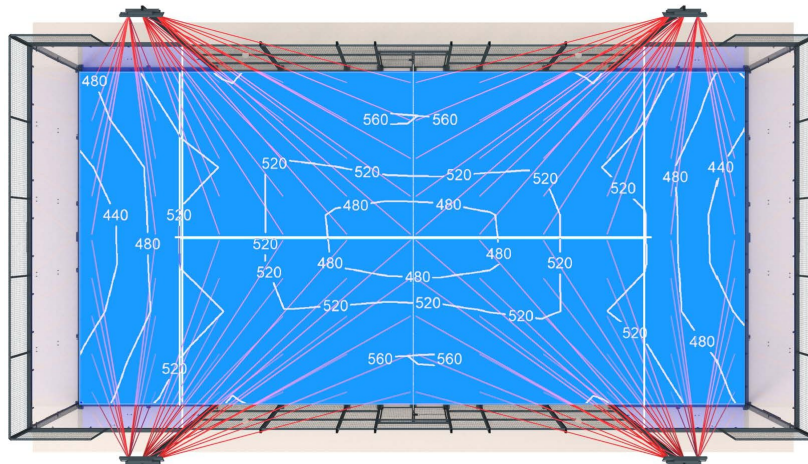
Projectors mounted on 6-meter poles with 120x60mm tubing integrated into the structure. 3G2.5 wiring and control cabinet with circuit breaker and key-operated contactors.



Power	320W
Light color	6000K
LED chip	162xSMD 5050
Voltage	100-240VAC 50/60Hz
Luminous flux	48,000 lm
Luminous flux per watt	150 lm/W
Beam angle	90°
CRI	+70Ra
IP rating	IP66
Estimated lifespan	50,000 hours
Material	Aluminum and tempered glass
Dimensions	950 x 256 x 106 mm
Cable length	600 cm
Average floor illuminance	512 lux
Uniformity (u0)	0.70

Unlike traditional (symmetrical) lighting, which distributes light in a circular pattern, **asymmetrical lighting allows you to:**

- **direct the light beam** solely toward the playing field
- **minimize light loss** outside the playing area
- **reduce glare** for players and spectators
- achieve **better lighting uniformity** across the playing surface



Net posts:

80x80mm hot-dip galvanized tubular posts, mounted on a base plate, powder-coated RAL 7016.

Tensioning system with a worm screw integrated inside the post to facilitate net tensioning

3mm polyethylene padel net with a white woven polyester band at the top. **6mm tension cable** made of galvanized and plastic-coated steel



Access gates:



4 access doors located along the centerline of the court, allowing unrestricted access during use (180-degree opening).

Dimensions: 1 m wide x 2 m **high**, consisting of a one-piece frame made of 40x40 mm square tubing with 40x40x2 mm mesh panels.

Locked with 2 LOCINOX® locks and European cylinders (1 per side).

Option: Access control for automated and secure opening of the grounds via smartphone, QR code, or access code, without the need for staff. (subscription not included)



Maintenance:

Our padel courts, like all sports equipment, must be inspected and maintained regularly:

Every month:

Visual inspection

Annually:

Structure:

- Ensure that all fasteners throughout the structure are properly tightened
- Check the condition of the glass seals and the flanges that hold the glass in place,
- Ensure that the glazing is securely fastened. Check for proper operation and alignment.
- Ensure that the grilles are properly secured and check the condition of the grilles in the lock panel,
- Check the tension of the net (after inspection, the crank must always be removed to prevent excessive strain on users).

Lighting:

- Ensure that the floodlights are securely fastened to the lighting poles
- Check that the floodlights are functioning properly

Artificial turf:

- Regular blowing to remove debris and leaves (outdoor padel court),
- Regular mechanical brushing to straighten the fibers and ensure even distribution of silica, every 15 days for 10 minutes (assuming 5 hours of daily use),
- Refill with silica as needed at the base of the mat; the silica should reach halfway up the fiber height to prevent fiber pull-out and ensure the weighting effect (risk of blistering if used without silica).
- Refill regularly (approximately 120 kg/year).

For any requests regarding maintenance equipment and materials (silica, fasteners, sweeper, etc.), please contact our Customer Service Department

We also offer an annual maintenance contract that includes a service call performed by our specialized teams to check the condition of the structure, the operation of the glazing systems, and the maintenance of the synthetic turf surface.

Warranties:

- **Metal frame: 10-year warranty against structural failure**
- **Artificial turf surface: 5-year** warranty against total fiber wear (subject to proper maintenance).
- **Glazing: 3-year** warranty against mechanical failure and cracking.
- **Lighting:** Manufacturer's specification: **30,000 hours**