



TECHNICAL DATACARD

SCENIC III

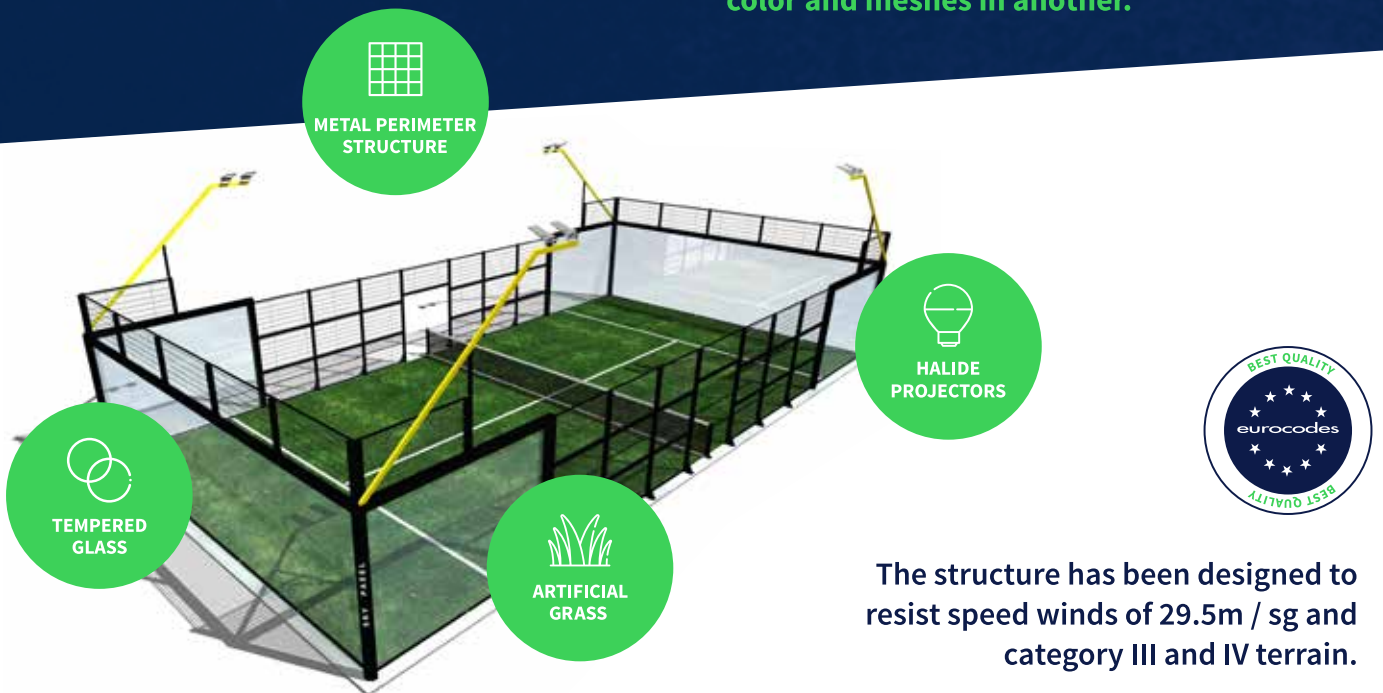
The Scenic III paddle court is manufactured with top quality materials and under the requirements set by the FEP standards and the Euro-building codes.

THE SCENIC III PADDLE COURT IS COMPOSED OF:

Metal perimeter structure consisting of:

- S235JR steel structural tube 200x200x4mm and 200x100x4mm (cold zinc plated) for glass support.
- 12 structural pillars in S235JR steel of 100x60x2mm and 3m in height.
- 22 structural pillars in S235JR steel, 100x60x2mm, 1m high, reinforced at the bottom with a 95x20x8mm gusset.
- 4 pillars of 5 mt height in 100x60x2mm to hold the led projectors.
- 32 anchor plates in S235JR steel of 30x15x10mm and 4 plates (in the corners) of 480x480x20mm, which will be fixed by means of 250x20mm chemical anchors to the foundation footing of the slab.
- 14 electro-welded mesh frames of 50x50x4mm and size 2000x1000mm.
- 12 electro-welded mesh frames of 50x50x4mm and size 2000x3000mm.
- 2 electro-welded mesh frames of 50x50x4mm and size 1920x900mm.
- 120x10mm stainless steel through bolts to join the mesh frames to the pillars (protecting them with metal washers).
- The entire metallic structure receives an anti-corrosion treatment consisting of various processes for washing the steel, applying anti-corrosion resins and, finally, lacquering in the chosen color with 100-micron thick epoxy resins.

The court can be paint in any RAL color. Furthermore, pillars can be paint in one color and meshes in another.



The structure has been designed to resist speed winds of 29.5m / sg and category III and IV terrain.

Tempered glass consisting of:

- 12 mm thick tempered glass, bringing a total of 18 sheets measuring 1995x2995 mm. Thermally tempered glass according to Standard EN-12150-2, tested with heat soak test EN-14179-2.
- Black 60x4 mm EPDM seal (ethylene propylene), with outstanding performance under inclement weather and temperature conditions. Fully sealed to avoid contact between the glass and the metal structure.
- PVC bushing to be installed in the countersunk holes of the tempered glass. Its purpose is to avoid contact between the glass fixing screws and the glass.
- Stainless steel glass fixing screws. DIN M8x30 countersunk Allen screws.

Artificial grass

- STX Supercourt XN monofilament grass with 46,200 stitches. With excellent features for the practice of padel. Colour. Green and blue.
- Bonding band and glue bi-component necessary for the installation of the tufting.
- 2,000 kg of silica sand with a grain size of 0.2-0.5, special for paddle tennis

LED projectors

- 4 300W LED projectors with IP66, and 45.683 lumens per projector. Compliant with Standard UNE-EN 12193 on "Lighting for sports facilities Type II". Em 312 lux.

