

# STEEL

FIRST PADEL COURT WITH HEIGHT REGULATION SYSTEM

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#### Structure:

- 20 ADJUSTABLE pillars 4m high of 100x50x2mm galvanised steel laser-cut structural tube, placed over casing of 3 mm galvanised folded sheet over 10 mm zinc-plated anchor plate and reinforced with stainless steel A2 sheet.
- 8 ADJUSTABLE pillars 3m high of 100x50x2mm galvanised steel laser-cut structural tube, placed over casing of 3 mm galvanised folded sheet over 10 mm zinc-plated anchor plate and reinforced with stainless steel A2 sheet.
- 4 ADJUSTABLE pillars 6m high of 100x50x2mm galvanised steel laser-cut structural tube, placed over casing of 3 mm galvanised folded sheet over 10 mm zinc-plated anchor plate and reinforced with stainless steel A2 sheet.
- 18 tubes of 40x40x1.5mm galvanised steel structural tube for grass framing.
- 14 or 18 modules of 2000x1000/50x50x4mm galvanised steel electro-welded mesh in 40x40x1.5mm galvanised steel structural tube and 1.5 mm galvanised steel sheet.
- 8 modules of 3000x2000mm electro-welded mesh and 40x30x2mm galvanised steel horizontal reinforcements and 1.5 mm galvanised folded sheet, including anti-injury system with 6 mm zinc-plated rod.
- 4 modules of 3000x2000mm electro-welded mesh and 40x30x2mm galvanised steel horizontal reinforcements and 1.5 mm galvanised folded sheet, including anti-injury system with 6 mm zinc-plated
- A2 stainless steel 3 mm thick glass fixing hardware.
- · Furnace-coating with polyester paint.
- 1m or 3m net post with stainless A2 tensor and net for padel court with customisable band.



- Set of the necessary A2 stainless steel screws. (optional A4).
- · Laser-cut corner sheets with logotype.

#### Lighting (included):

- 8 normal or linear 200w LED spotlights to light the padel court.
- 3x2.5 mm electric cable up to the foot of the lamppost.

#### Glass:

- 14 modules of 2995x1995mm and 4 modules of 1995x1995mm of 10mm thick tempered glass. In compliance with UNE standard. Secured with flushed screws, with plastic washer and blocking and protection lock nut. Plated on neoprene back.
- OPTIONAL change of glass ALL at 3 m.
- OPTIONAL change of glass at 12 mm thick.

#### Surface (optional):

- Artificial grass, 12mm high in fibrillated polyethylene fibre in GREEN or BLUE (5500dtex), with proportional part of regulatory playing lines.
- Artificial grass, 12mm high in HQ monofilament polyethylene fibre in GREEN, BLUE, BLACK, BRICK or FUCHSIA (8800dtex), with proportional part of regulatory playing lines.
- Mondo WPT artificial grass to choose between GREEN, BLUE AND RED.
- White or coloured silica sand with selected grain size, union band and bi-component adhesive.











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## ESTRUCTURAL CALCULATION



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## **ASSEMBLY PLAN**



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# TECHNICAL DOCUMENTATION



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