



# SON MOIX STADIUM

## PROJECT DESCRIPTION

This project is part of the first phase of the renovation works at the Visit Mallorca Estadi, which included the refurbishment and construction of the new Sol Stand, incorporating a roof of around 6.000m<sup>2</sup> to shelter 6.500 spectators while offering a spectacular panoramic view of the pitch.

The supply and installation of the textile cladding for the canopy covering the east stand of the stadium were carried out.

The canopy has overall dimensions of 48 x 190m and is made up of 14 trusses, each 34m long, forming 13 bays with 6 arches each. This steel structure serves as the base for the textile roof, which consists of 43 independent tensioned membranes of different dimensions, distributed into 13 membranes over the arches, 28 membranes under the trusses, and 2 lateral membranes.

## CHARACTERISTICS

|             |                              |
|-------------|------------------------------|
| Material    | PES/PVC                      |
| Application | Sports venues                |
| Measures    | 35 x 190m                    |
| Architect   | Isaskun Larzabal             |
| Client      | Real Club Deportivo Mallorca |
| Year        | 2021                         |

## TECHNICAL DATA

The textile roof is made with polyester fabric coated with PVC on both sides (Atlas art. 760 type IV - TFL, by Sattler) and consists of 43 independent tensioned membranes of different dimensions, distributed into 13 membranes over the arches, 28 membranes under the trusses, and 2 lateral membranes.

The total membrane surface is approximately 6.252m<sup>2</sup>, with a projected surface of 5.910m<sup>2</sup>.

Each membrane is manufactured in a single piece and is fixed along its perimeter to the metal substructure using

aluminium profiles lacquered in white RAL 9010 and stainless steel straps.

In the large canvases between trusses, the membrane is also fixed to the arches using aluminium profiles lacquered in white RAL 9010. These are further reinforced by galvanised steel cables anchored at their ends to the metal structure.

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