



ITXAROPENA SQUARE

PROJECT DESCRIPTION

Mondragon Council has promoted the remodelling of the Plaza Itxaropena, the final objective of which has been to install a whole new roof over the sports area, protecting it from inclement weather.

To this end, a tensile PVC canvas, painted on the inside, and an ETFE enclosure over the north façade have been installed in order to protect the precinct from the wind and rain coming in sideways.

CHARACTERISTICS

Material	PES/PVC
Application	Urban spaces
Surface	PVC: 247m ² ETFE: 58m ²
Measures	21 x 11.70m
Location	Mondragón
Architect	Oskar Rodriguez (Bidein Ingeniaritza)
Year	2018

TECHNICAL DATA

The tensile PVC canvas is fixed to the perimeter and to the gantries, and adapts to the particular shape provided by the structure. Moreover, thanks to the anchorage system used, the rainwater is collected by the structure just as the architect intended.

The great novelty of this tensile canvas is the marking on the inside face, with large spots of 2m diameter (approx.)

and in various colours. This demonstrates the versatility and possibilities offered by this type of membrane.

The single-layer transparent ETFE enclosure with stainless steel cables protects the park from wind and rain coming in sideways, without blocking the entry of light into the park and adapting perfectly to the curved shape of the structure.

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