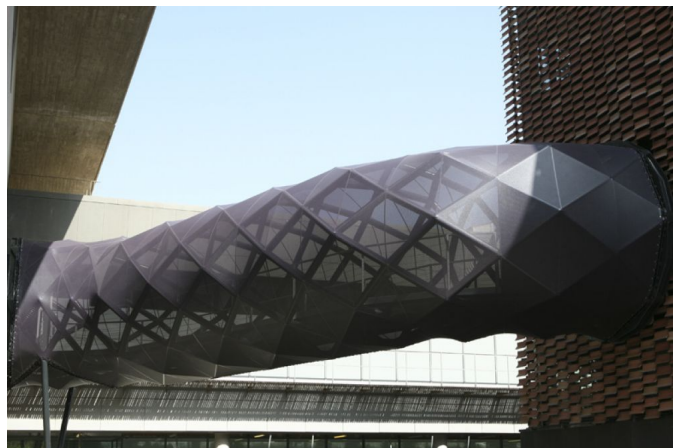


SANTA CREU AND SANT PAU HOSPITAL



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WORK:	Textile enclosure for the structure of the walkway which joins the buildings of the Research Institute of the Santa Creu i Sa
BUILDER:	FERROVIAL
LOCATION:	Barcelona
SURFACE:	192 m ²
YEAR:	2017
ARCHITECT:	PICH-AGUILERA ARQUITECTES
CLIENT:	Hospital de la Santa Creu y Sant Pau

MATERIAL

PES/PVC

SYSTEM

Textile façades

USE

Infrastructure and equipment

Description SANTA CREU AND SANT PAU HOSPITAL

The new research building of the Santa Creu i Sant Pau Hospital has been built inside the hospital compound, located in the city of Barcelona. The new building is linked to those already in existence by a walkway at second floor level, which will facilitate the flow of people between the premises. A large metal structure of bars in a spiral tube shape that connects the two buildings and is covered by a perforated membrane. The perforated fabric is see-through both from the inside and from the outside. The walkway DNA with the double helix spiral is transmitted in an exceptional way with the single-piece continuous membrane.

Technical base

The walkway is approximately 14.5 m long. The outer diameter of the structure is 3.5 m. The membrane, making a single piece, is formed of rhombus-shaped parts. Some of them have required pattern construction to fit the structure's geometry perfectly.