



The innovative Flexbrick® system at Sant Pau Research Institute, a mosaic of light in the center of Barcelona

A new paradigm for the use of light in architecture, this time in the health industry with Flexbrick®; a tailored constructive system based on a flexible steel mesh in which a wide range of materials can be inserted to wrap architectural spaces.

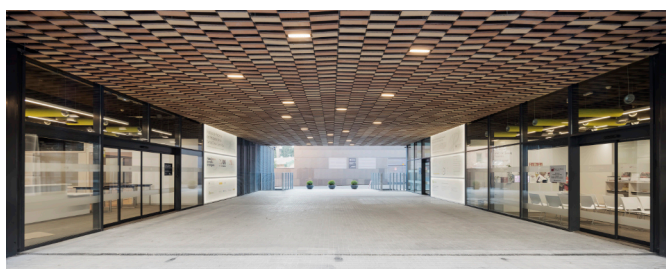
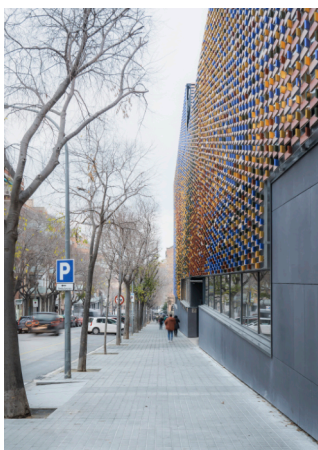
The stunning architectural project of Sant Pau Research Institute –designed by PICHarchitects_Pich-Aguilera and 2BMFG Arquitectes– materializes this new fusion of modernist architecture, sustainability and uniqueness. Flexbrick® facade, formed from 45,000 pieces of its ceramic fabric, visually integrates with its surroundings playing a fundamental role since it regulates the amount of solar radiation received. Moreover, the exterior face has a similar colour to those of the nearby historic pavilions, while the interior uses a vitrified polychrome finish that refers to its modernist domes. A spectacular design that changes during the day thanks to the colouring applied to ceramic pieces, creating an impressive mosaic of light.

The new aesthetics of Sant Pau Research Institute, designed to meet stringent bioclimatic criteria and achieve maximum energy efficiency with an exclusive design, incorporates the most demanding contemporary parameters in terms of sustainability and circular economy. It has obtained maximum energy savings, accredited with an A Energy Certification, and minimum environmental impact, with the processing of the Leed Platinum environmental certification.

To conclude, the innovative Flexbrick® ceramic system establishes a gentle dialogue between the interior and exterior at a visual level, giving to the building a chameleonic identity that connects with the modernist style of the Hospital. A new architectural paradigm without limits!

Awards: Tile of Spain Awards 2019 first prize (Architecture category) by ASCER.

Image gallery:



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