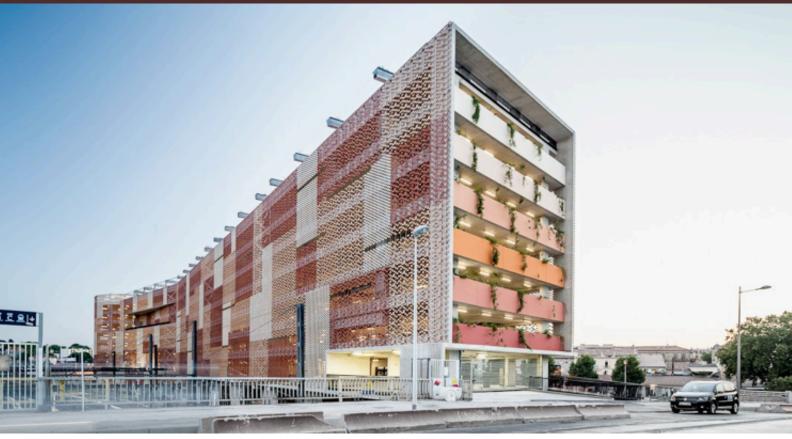
Nota de prensa





FLEXBRICK®, architectural tissues to dress outstanding projects

Nowadays, being different is essential to stand out in any aspect. This is especially relevant in architecture, and Flexbrick® can be the best partner to achieve that uniqueness. Flexbrick® is a customised constructive system based on a flexible steel mesh in which a wide range of materials can be inserted to wrap architectural spaces. All in all, a new sustainable concept of architecture embodying an innovative solution to tailor the best projects possible, expressing uniqueness through pattern, format and materials.

Flexbrick®'s concept was created in 1997 by professor Vicente Sarrabio, and has evolved quite a bit since its inception. It is based on a new and exclusive way to understand architecture, aiming to provide a wide spectrum of revolutionary ceramic surfaces whilst improving traditional and manual installation techniques. Furthermore, Flexbrick® guarantees a highly flexible and safe system to "dress" façades, roofs, pavements, vaults, panels, pergolas, and, among others, exploring new bonds with textile architecture.

Flexbrick® 's main contribution lies in the fact that it is very fast to coat any surface working as a large format tissue of small elements, both providing elegance and a uniqueness. This constructive system can be implemented on any type of projects thanks to its high degree of accuracy, versatility, and customised design. Moreover, installing a ceramic textile façade is as effortless as hanging a curtain: it merely requires stainless steel rails to be attached to the Flexbrick® mesh to support it. Then, they are bolted onto support brackets, which have previously been anchored to the facing slabs.

On the other hand, it should be noted that universities and laboratories have always supported Flexbrick® throughout its development process. Flexbrick® system has tested its performance on several wind tunnels to certify it as a highly safe system that can withstand high efforts of wind. In addition, Flexbrick® has obtained several ATEXs certifications in France and it is currently ending the process to obtain DAU certification in Spain and begginig the ETA certification tests for European market.

To conclude, Flexbrick® system shines for its uniqueness, the endless design possibilities it offers and its versatility, allowing a wide range of multifunctional applications. Definitely, an elegant and expressive constructive system to stand out and explore a new architectural paradigm without limits.





Benefits of the Flexbrick® System

Design

Flexbrick® can be used to create patterns by combining multiple textile configurations (in broken formation, grid, openwork, etc.) and colour ranges. Design also can change if it is needed: transforming an opaque façade into a lattice, opening holes for windows, etcetera.

· Versatility.

This new industrialized system allows multiple uses of the same material in different parts of the construction, while maintaining uniformity of textures and colours.

Variety of materials

Flexbrick® began as a ceramic textile; due to the application of new technologies, it offers today solutions with different materials such as glazed tiles, bamboo, wood, steel, plastic 100% recycled, granite, marble or glass.

Durability

The materials used in this building system have a long-life use. Components like stainless steel 316 have a very long lifetime as well as the different material of the pieces, made to endure.

Large-scale formats

It is possible to design and construct using large-scale formats up to 20 meters, which leads to noticeable savings on labour and time.

· Logistical savings

Flexbrick® is transported folded on pallets, taking up less space and making it easier to move.

Multifunctional

It is possible to apply Flexbrick® to pavements, façades and roofs by modifying less than 10% of its components.

Precision

Thanks to the use of metallic mesh, the joints stay perfectly in line over any length.

Optimal execution performance

Laying with a crane significantly speeds up the construction process, and the finish is already incorporated in one single operation.

Safety

Flexbrick® system has obtained several ATEX certifications in France and it is being tested to obtain DAU certificate by the Catalonia Institute of Construction Technology (ITeC).

Sustainability.

Flexbrick® ceramic sheets are produced with natural materials manufactured using clean fuel such as biogas. The rest of the components like stainless steel, or other proposed materials are 100% recyclables materials, meaning a significant reduction in CO2 emission.









Awards

Awards to Flexbrick® concept

2011 **Construmat Awards.** Finalist in Technological innovation

Awarded by Construmat 2011.

2011 **Catalonia Construction awards** 1st prize to innovation in construction

Awarded by the association of Technical Architects of Barcelona.

2012 **INNO Green Forum 2012** 1st Prize to best non vegetal product

Awarded by Green Forum Salon, Feria de Girona Asociación de Viveristas de Girona, Gremio de Jardinería de Cataluña

2014 **AEC Award** Honor plate of the AEC Awarded by the Spanish Association of Scientists

2016 **National Award** Best product for architecture Awarded at the XII Spanish Biennal of Architecture and Urbanism

2015 Technical Architecture Awards - First Prize

Awards to buildings implementing Flexbrick®

Sant Pau Research Institute Barcelona (España) - Pich Architects

2020 XVII Premios Cataluña Construcción - Winner

Sant Pau Research Institute Barcelona (España) – Pich Architects

2019 MIPIM Awards - Finalist

Hans Ist Building Istanbul (Turquía) - Buun Moto 2018 European Property Awards - Winner

La Gota Cultural Center Cáceres – Losada García 2016 Archdaily Building of the year Award – Winner

Saint Roc Car Park Montpellier (Francia) 2018 Germany Design Award – Winner 2016 Tile of Spain Awards – Mention

CDS House Girona (España) - Juan Trias de Bes 2016 Tile of Spain Awards - Finalist

TR House Barcelona (España) – PMMT 2015 Tile of Spain Awards – Finalist

Apartment building Sevilla (España) – FAQ Arquitectura 2017 Archilovers – Best Project 2017

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