



**emmexemme**  
modular construction system



**construction  
system**

SISTEMA PARA  
FACHADAS INDUSTRIALIZADAS



**MxM is a lightweight modular construction system based on modular components and a simple dimensional logic capable of generating building configurations organised through the logic of a single element.**

**Industrial production and flexible dry assembly based on composite panels with three functions: structural, insulating and aesthetic. Standard width 120 cm and variable lengths up to 6 metres. Vertical or horizontal installation, with each panel capable of being curved to suit the project.**

## Simply industrialised

**mxm®**

**Industrialised construction system**

One panel, three functions: **structural insulating aesthetic**

Customisable, lightweight, recyclable

**Metal-free**

**Cement-free**

**Innovative materials for a different way of building**



**No cement**



**No metal**



### **Versatility**

variable dimensions, lengths from 3 to 6 metres. **Vertical or horizontal installation.**

### **Strength**

high resistance to loads and lateral forces; resistant to chemicals and water; **no corrosion, no metal**

### **Customisation**

solutions tailored to the project, finishes, fixings, accessories

**Structural, insulating,  
aesthetic panels**

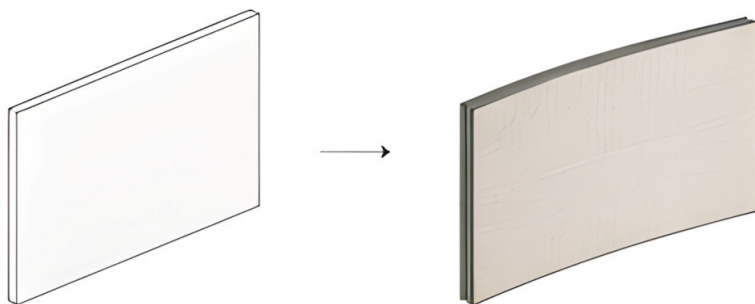
**mxm**

**Composite panels**

made by combining  
high-density facing sheets  
based on **rice husks**  
4-20 mm thick, density  
up to 1200 kg/m<sup>3</sup>

**Enhanced GFRP frame**

Variable insulation core  
to suit project requirements



**Vertical and horizontal installation**

**Curved panels available**



**airtightness**



**water  
tightness**

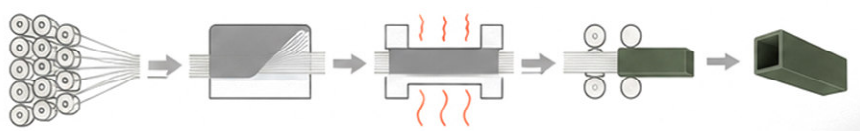
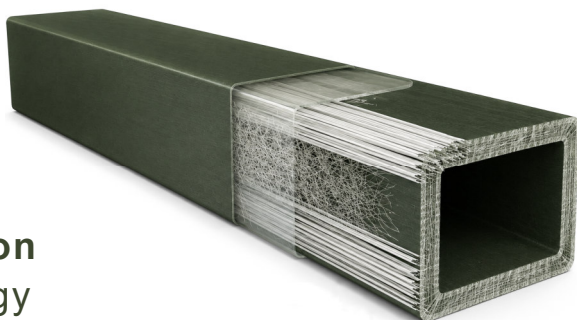


**Reaction to fire  
B-s2 d0**



**Reduced  
footprint**

**Pultrusion  
technology**



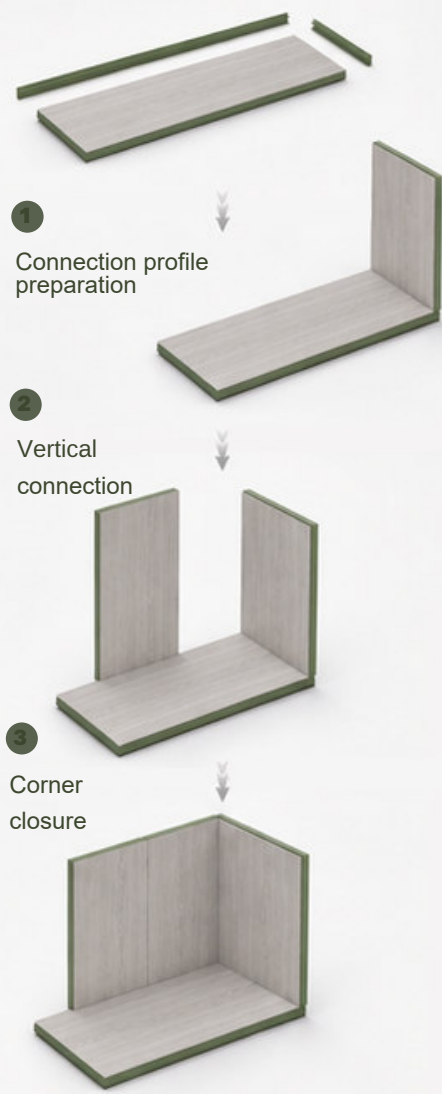
**Lightweight**  
weight 50 kg/m<sup>2</sup>

**Strength and performance**  
Thermal transmittance 0.22 W/m<sup>2</sup>K  
Sound insulation 55.0 dB

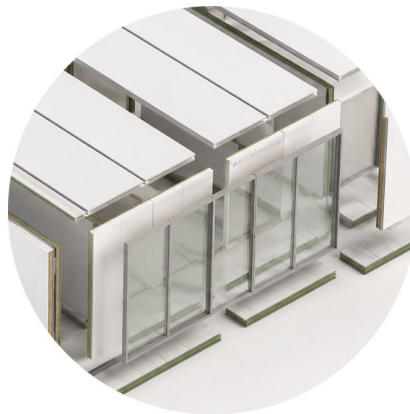
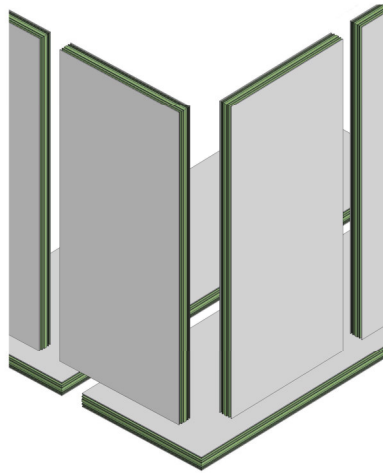
**Design flexibility**  
Large-format and curved panels

Construction system

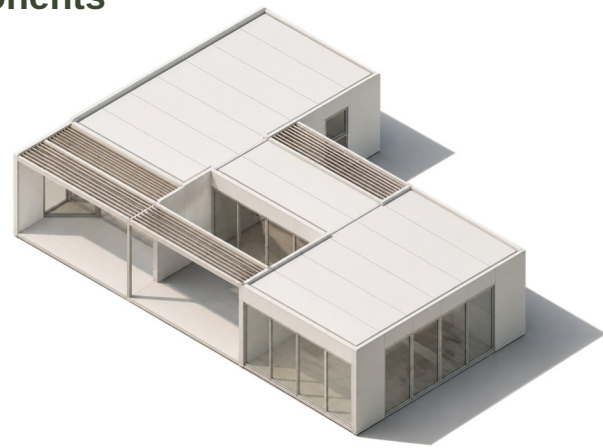




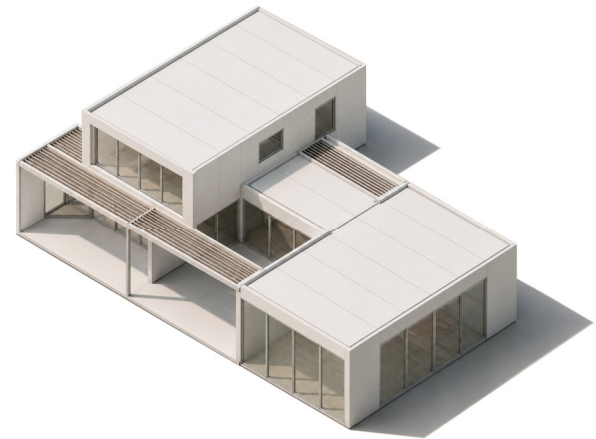
## Dry assembly of components



Connection layout and  
door/window integration



## Configurations up to 3 storeys



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### Fixings

OFF-SITE solutions allow flexible positioning to suit the project.

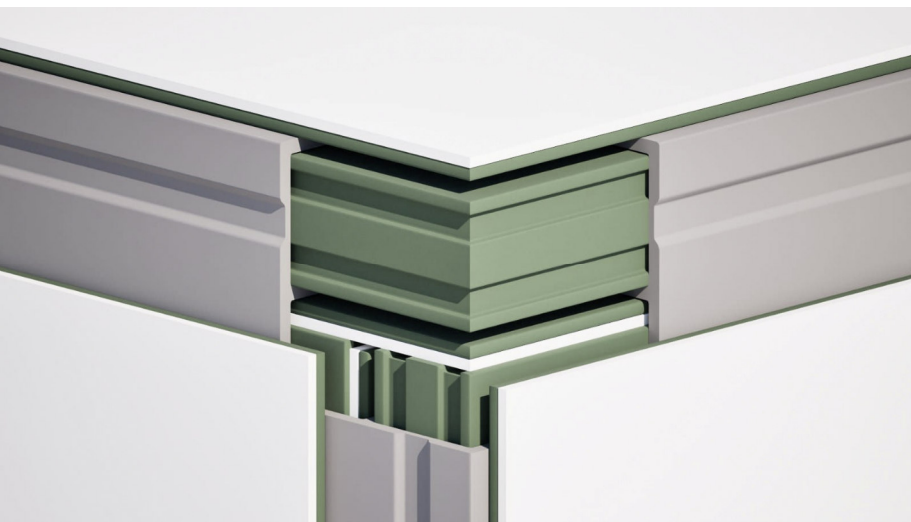
Each module is connected and sealed on all four sides, ensuring structural and envelope continuity.

The **internal finish** can be installed later or pre-bonded in the factory

### Finishes

Claddings, coatings and bonded finishes applied under factory conditions.

- Certified bonding system
- Standardised quality
- Compliance with CAM requirements

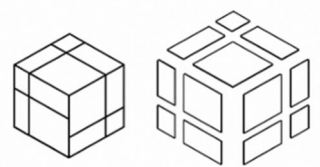




Up to three storeys,  
without additional structures



Disassembly for  
reuse



Customised cladding

Bespoke corner and  
junction solutions



Applications beyond  
residential and hospitality:

- Healthcare
- Education
- Sports facilities
- Museums
- Leisure

#### Components and accessories

MXM panels can accommodate special edge or roof components, with accessories such as junctions, trims and mouldings

Facing sheets allow complex **folding** or **engraving** to meet project requirements.

**High dimensional stability** supports multiple finish systems.



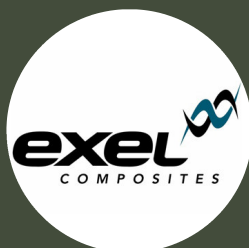
Water-resistant



Construction system



partnership



Ministero delle Imprese  
e del Made in Italy  
PATENT APPLICATION FILING



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