

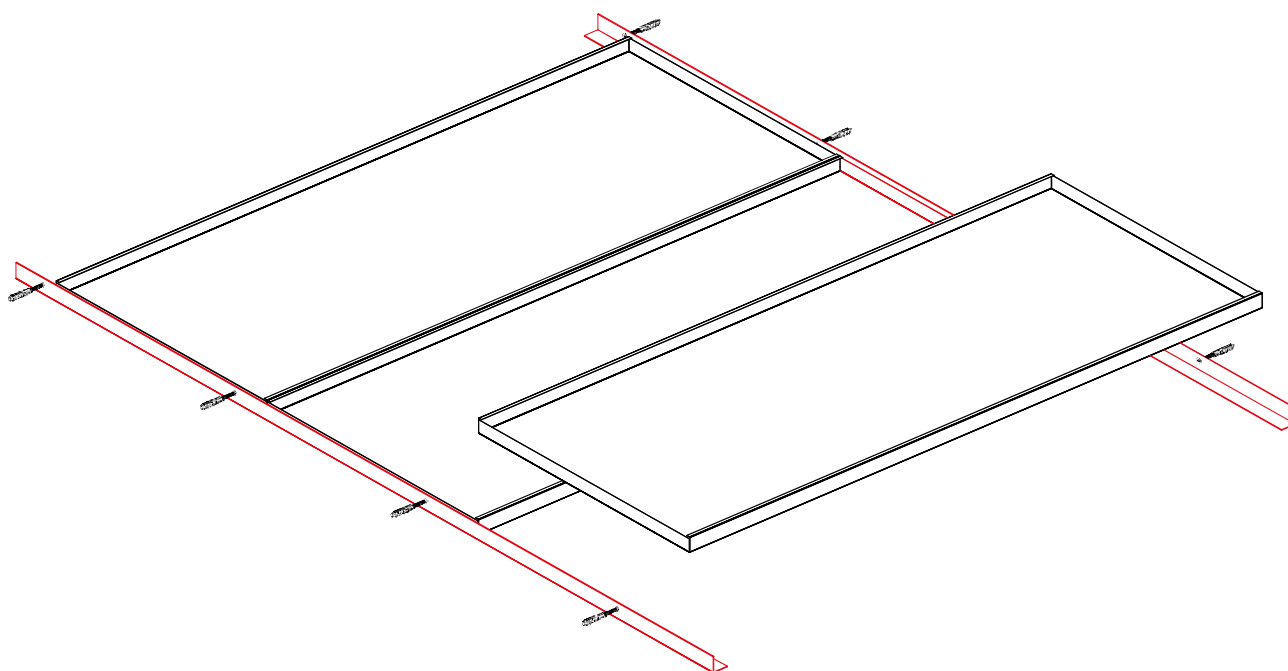


*Give life to your project*

**Mx System**

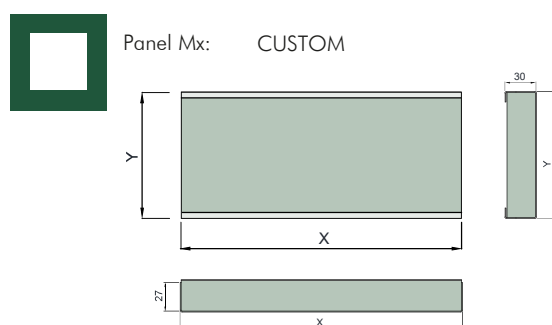


# Mx System



## Technical data

### Panel module



### Technical performance

|  |                                                                                                                                                        |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Resistance to humidity:</b> RH 95%                                                                                                                  |
|  | <b>Fire reaction:</b> Euroclass A1 (UNI EN 13501-1)                                                                                                    |
|  | <b>Corrosion resistance (classes):</b><br>Galvanized steel: C2<br>Coil coated steel: C3<br>Powder coated steel: C4<br>Coil/powder coated aluminium: C5 |
|  | <b>Light reflection:</b> 85%<br>(on smooth panel RAL 9010)                                                                                             |
|  | <b>Cleanability:</b> Damp cloth, lukewarm water, and non-abrasive neutral cleaners                                                                     |

### Acoustics

(\*Custom sizes available on request)



Perforation options available from the Profilsystem range:

**STD Series** (with acoustic fabric) = max.  $\alpha_w$  0,75

**Acoustic Series** =  $\alpha_w$  1

**Acoustic DB Series** = DB 41 / DB 44 / DB 46

### Weight Kg/m2



#### STEEL

between 5.65 e 6.85 kg/mq  
(\*depending on the thickness of the panel)

#### ALUMINIUM

between 2.35 e 3.20 kg/mq  
(\*depending on the thickness of the panel)

### Materials



STEEL and ALUMINIUM:

#### Coil coated

- RAL 9010, 9003, 9006, other RAL colors available upon request;
- Wood effect according to available color chart

#### Powder coated

- RAL 9010, 9003, 9006, other RAL/NCS colors available upon request
- Textured effect - RAL/NCS available upon request

### Sustainability



**Recycled content**  
< 30%



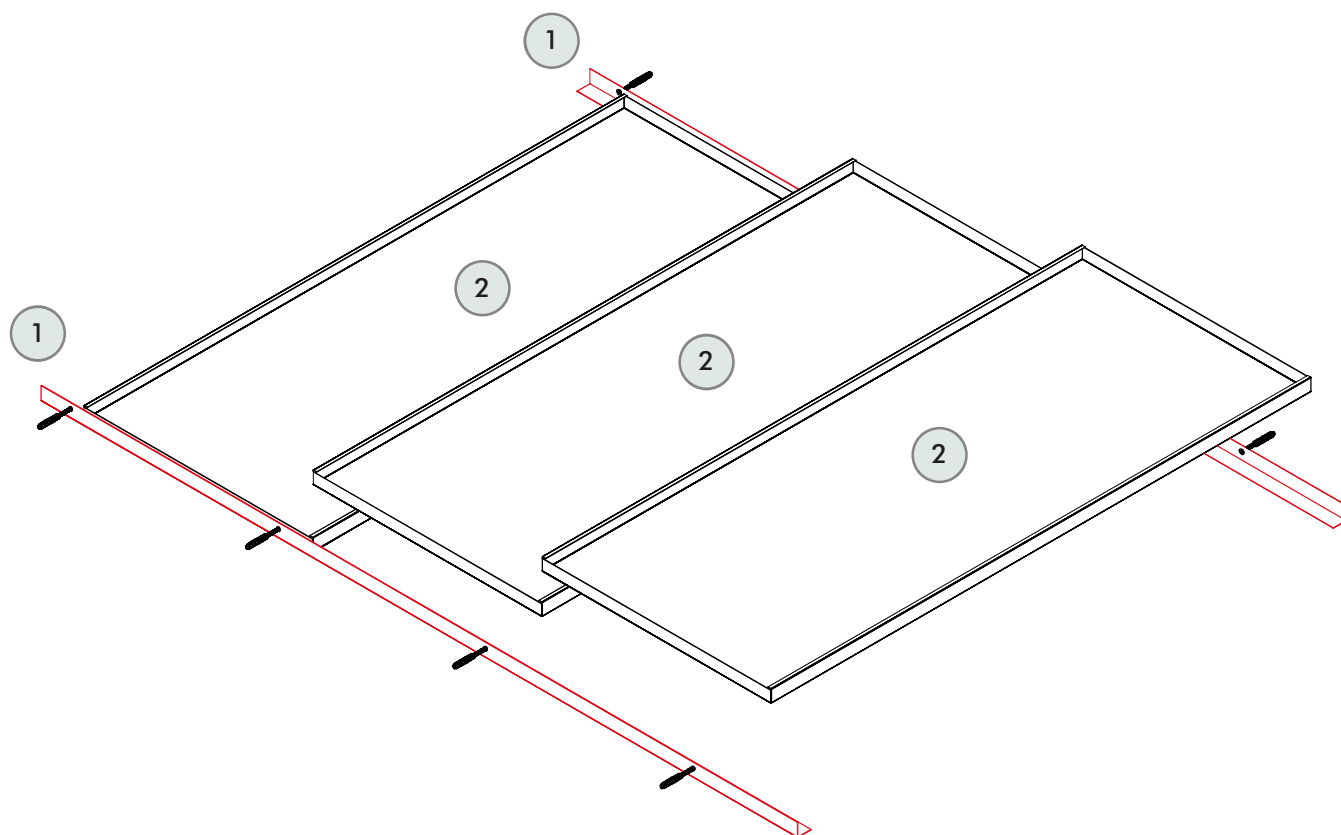
**Green certifications**  
Leed, Well, Bream  
CAM



**VOC content**  
A+



## Mx System - components



### 1\_Perimeter profile

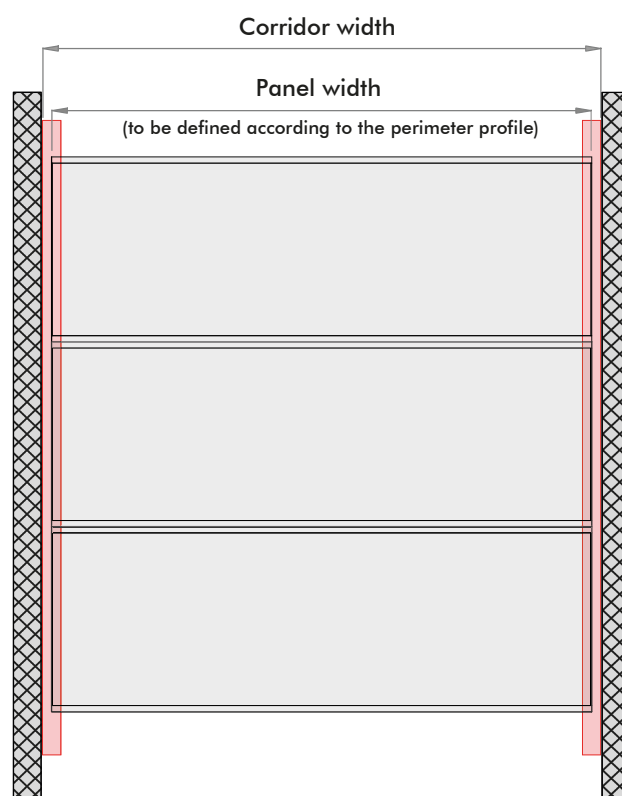
### 2\_Mx Panel

The Mx panel is mounted on the perimeter profile.

It's a panel whose handling is usable without particular equipment just for being in simple support.

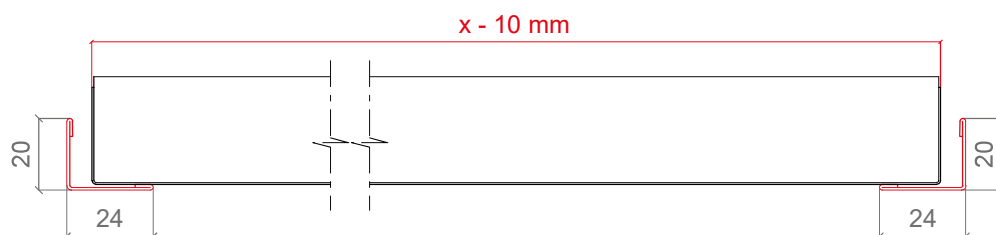
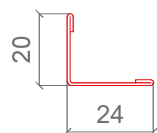
The support profile can be chosen among different type, in order to guarantee an aesthetically pleasing result.

It's also possible to request a custom perimeter section (contact technical office Profilsystem)

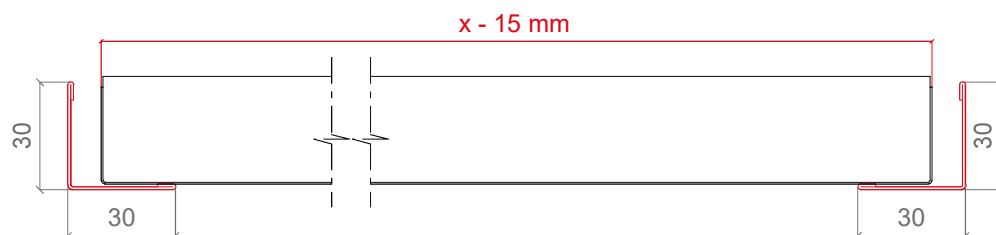
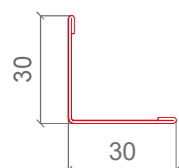


## Typical sections according to the perimeter profile

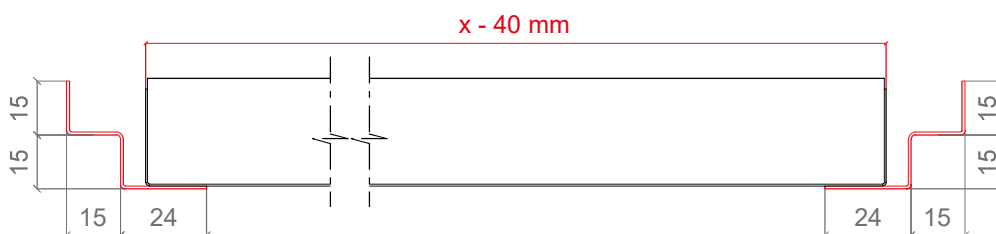
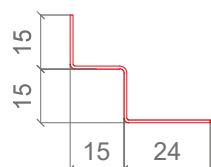
**P2\_L 3000mm**



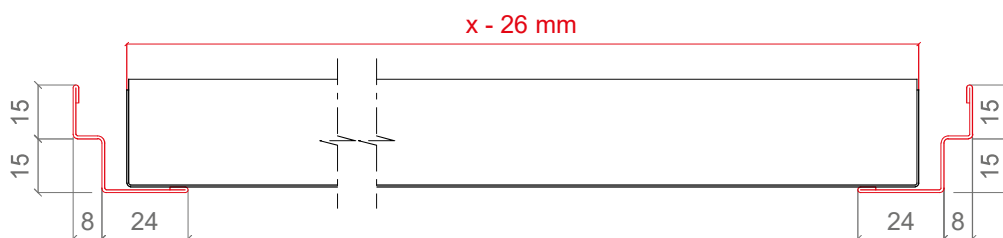
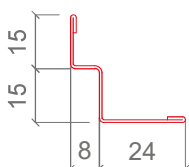
**P2/A\_L 3000mm**



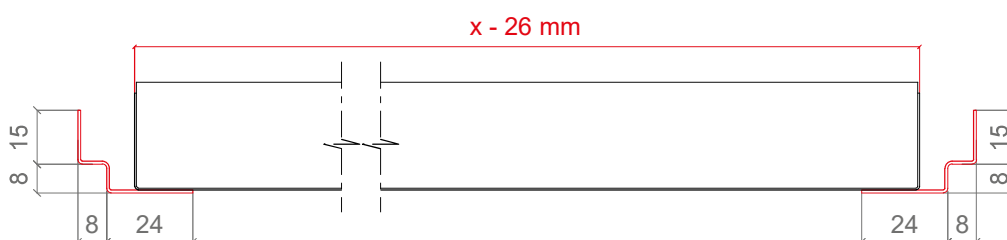
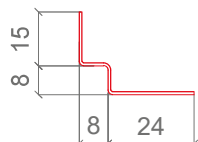
**P11\_L 3000mm**



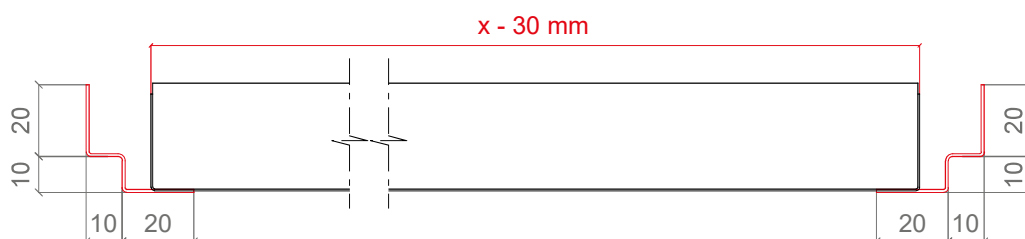
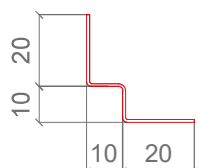
**P11/A\_L 3050mm**



**P12\_L 3000mm**

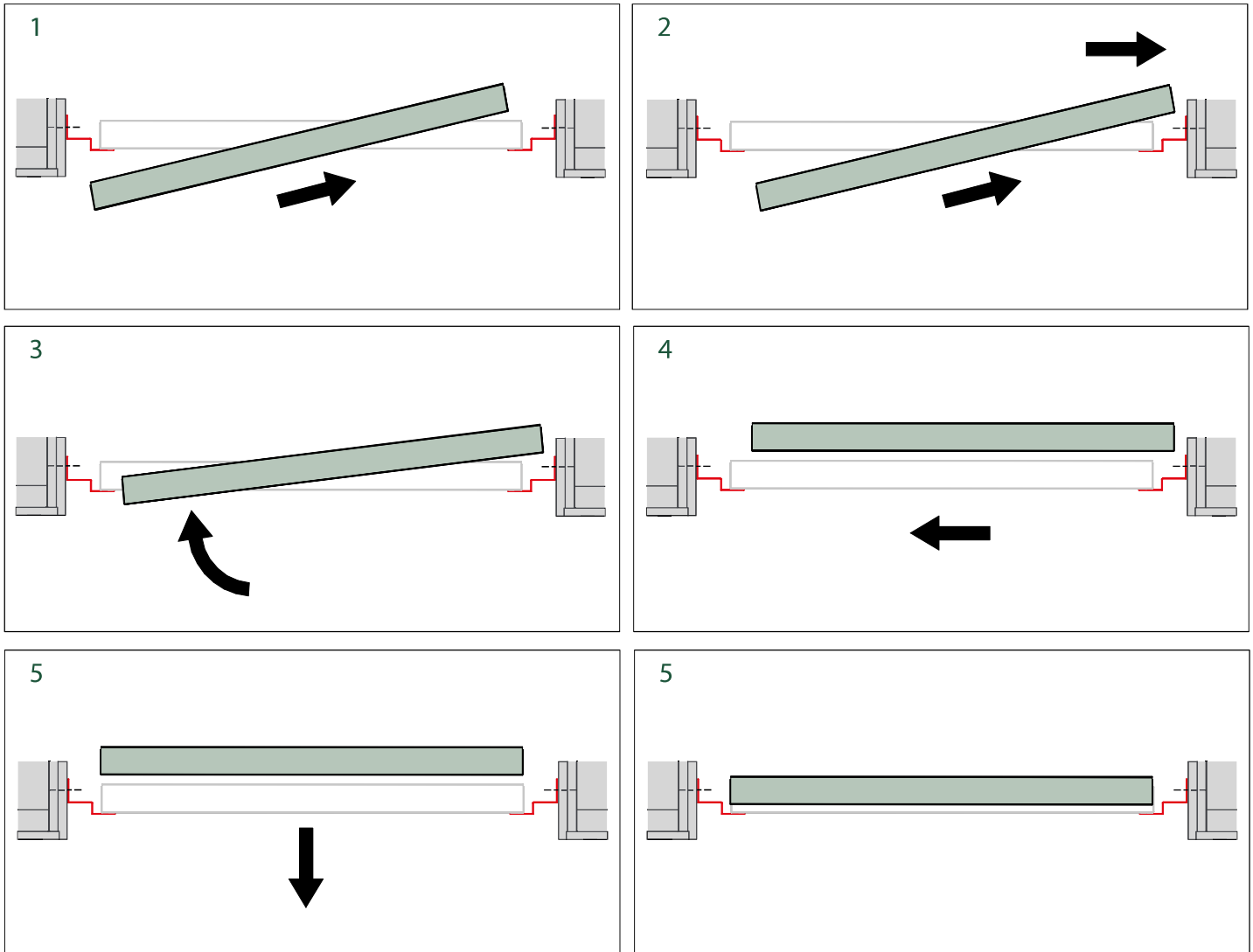


**P15/A\_L 3000mm**



*\*for custom perimeter profiles, contact the Profilsystem technical office.*

## Mounting instructions



**NOTE:** Appropriate stiffening elements (not shown in the drawing) to support the structure must be arranged on site according to each specific solution. For further clarification, please contact the Technical Department

The panel can be installed quickly and easily:

1. Push the panel upwards, tilting it to one side;
2. Move the panel to one side;
3. Route the panel in the opposite direction to insert it;
4. Move the centring panel;
5. Finally, place the panel on the perimeter profiles.

**NOTE:** To remove the panel follow the instructions from number 5 to number 1

## Seismic devices

"According to the NTC 2018, when the non-structural element is assembled on-site, it is the responsibility of the designer of the building's general structure to determine the load requirements. It is the responsibility of the supplier and/or installer to provide connecting elements and systems with adequate capacity, and it is the responsibility of the site manager to verify proper assembly." In this regard, any specific requirements should be communicated to Profilsystem during the request for a quote. For further information on seismic systems, please contact the technical office.

## General informations

### Technical standards

All Profilsystem products are CE marked according to EN 13964. They are also accompanied by the Declaration of Performance (D.O.P.) as required by European regulation 305/11 concerning the placing of construction products on the market.

For applications in particularly aggressive environments such as swimming pools, industrial installations with chemical and / or corrosive fumes, check the most suitable material and surface treatment with the technical or commercial office of Profilsystem.

### Storage

All products are carefully packed and placed on special pallets and secured by strapping and film wrapping. On request we can provide the package complete of cardboard corners, bubble wrap and polystyrene to reduce the risks during transport.

It is always recommended to handle all packaging with the most care, avoiding shocks and practices that damage the contents. The packed material is stored in closed, clean and dry places until the time of pick-up.

Do not expose filmed products to heat sources and do not leave them under the sun.

### Installation

The metal ceiling are installed manually by the installer depending on the type and model you choose.

The material should be stored in closed, clean and dry places until the time of installation.

Do not rest on the ground and not leave the products on site without the original package issued at the time of delivery.

Avoid the contact between material and water, solvents, degreasers and aggressive liquids.

### Cleaning and Maintenance

Metal ceilings, thanks to the easy washing and cleaning are also a guarantee in terms of hygiene.

To remove dust, stains or smudges you can use carefully a clean, dry cloth or moistened with neutral detergent, or non-abrasive and non-aggressive disinfectants.



*Give life to your project*

## Our offices are at your disposal

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