



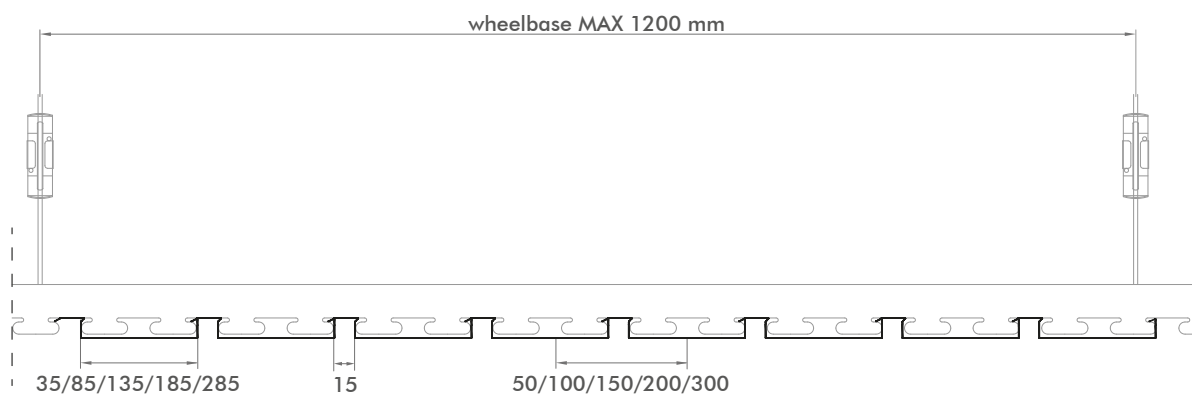
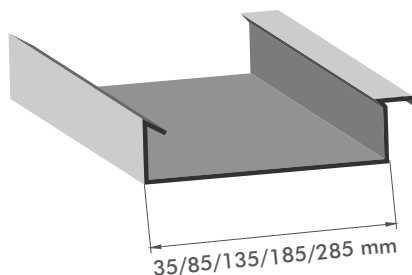
**PROFILSYSTEM<sup>®</sup>**

*Give life to your project*

**A1C Plank**



## A1C Plank



### Description

The model A1C plank comes from the model A1.

The section is squared and it's characterised by a particular rib that allows to obtain a closed gap.

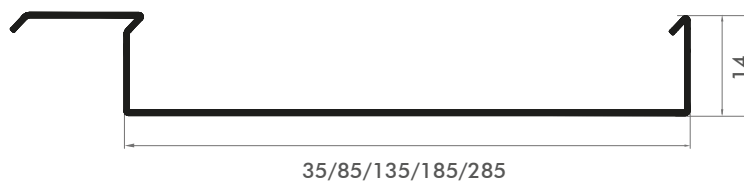
Aesthetically pleasing, the A1C plank guarantees uniformity to the metal ceiling maintaining its three-dimensionality feature.

The closed gap ensures the invisibility of the support structure.

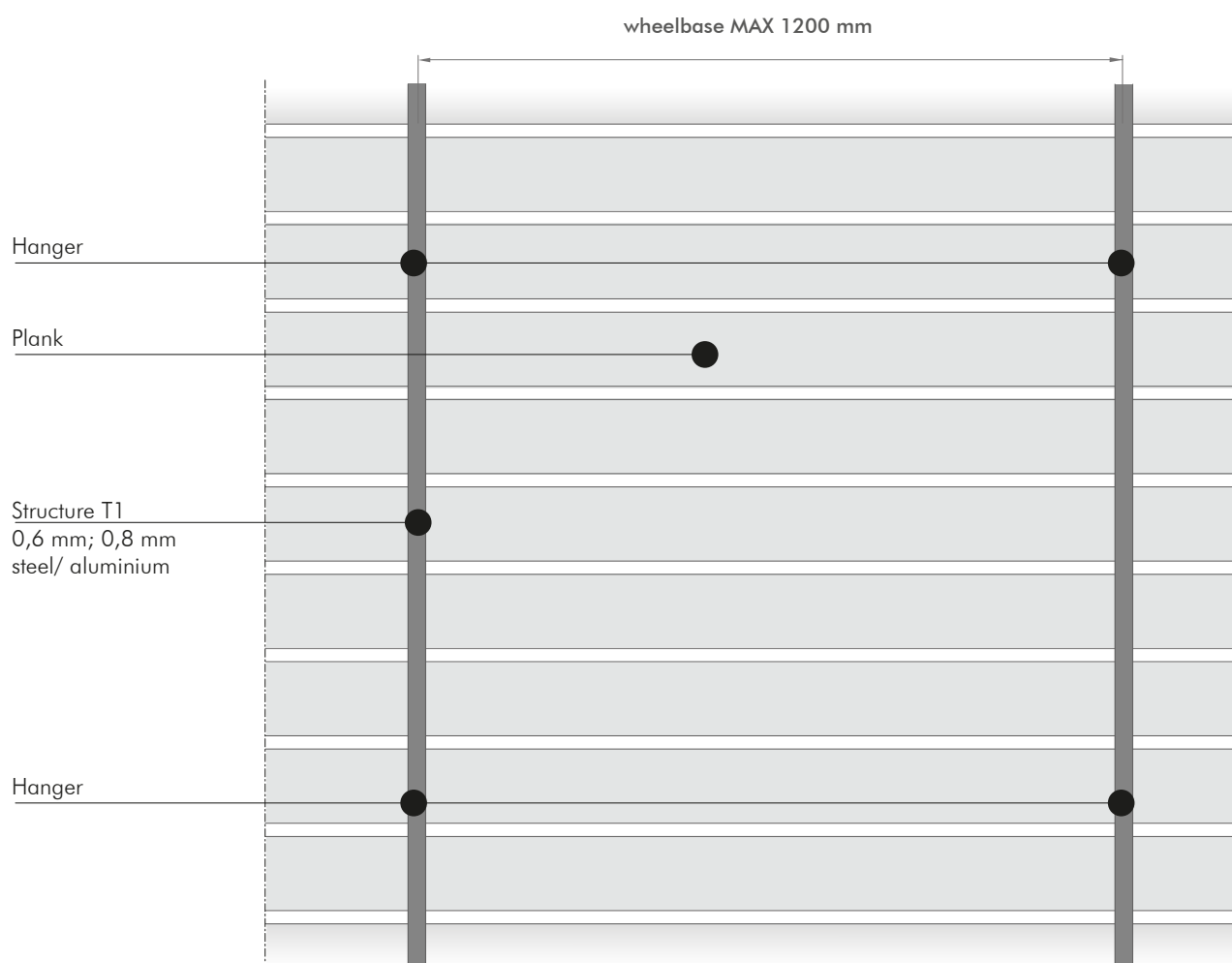
### Main features

|                                       |  |
|---------------------------------------|--|
| <b>Dimensions</b>                     | -Plank A1C:<br>35mm; 85 mm; 135 mm; 185 mm;<br>285 mm (thickness min. 0,6 mm)  |
| <b>Height</b>                         | 14 mm  |
| <b>Gap</b>                            | 15 mm  |
| <b>Material, Thickness and Colour</b> | -Coil coated Steel:<br>0,5 mm; 0,6 mm; 0,8 mm<br>RAL 9003, 9006<br>-Coil coated Aluminum:<br>0,5 mm; 0,6 mm; 0,8 mm<br>RAL 9003, 9006<br>(custom RAL on request) |

## A1C Plank



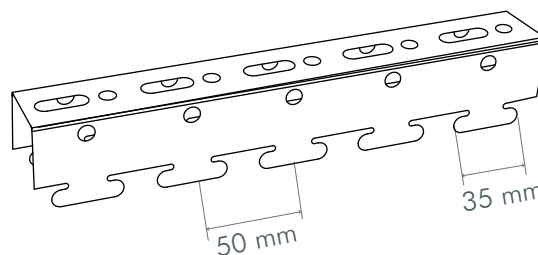
## Components



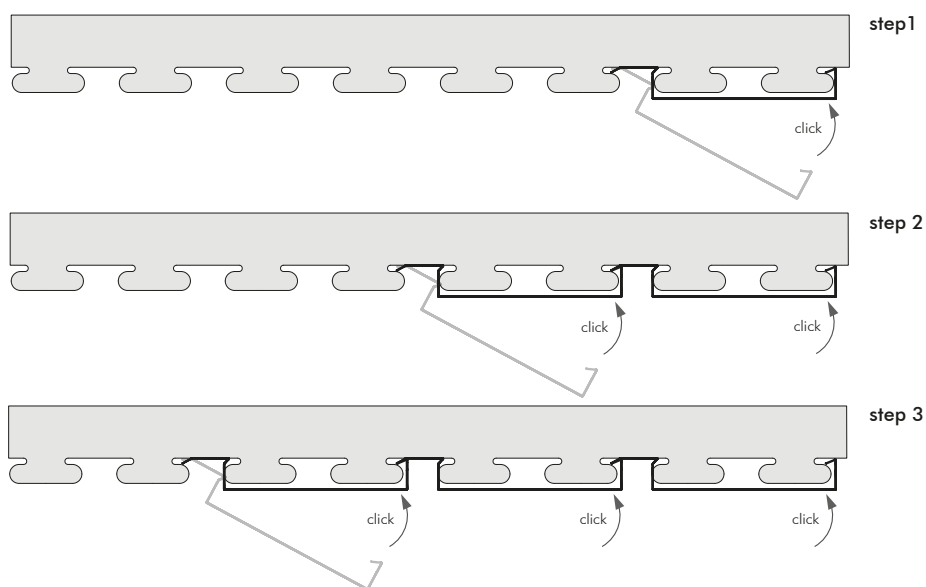
NOTE : wheelbase indicated refer to material mounted in interior spaces and completed by any "L" perimeter profile and are to be considered valid only in relation to the weight of the metal ceiling. These indications are generic and in any case remain to be verified for each individual order, in relation to the material identified for the crosspiece and plank, and relative thickness.

## T1 Structure

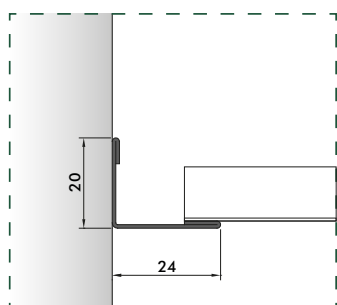
**T1 STRUCTURE** is available in steel and aluminium with 0,6 or 0,8 mm. of thickness



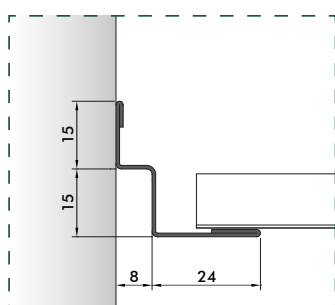
## Mounting system



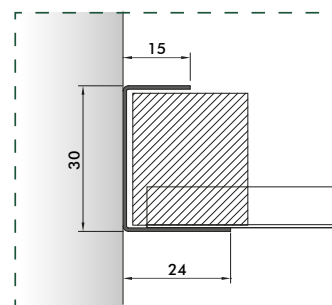
## Perimetral's details



P2\_L 3000 mm



P11/A\_L 3050 mm









P10 \*\_L 3000 mm

Each profile can be achieved with customized section in according to customer's requests.

\* Supplied on request with polystyrene to maintain in the form the cut panel (supplied not pre-assembled)

## Performance and technical data

|  Perforation type |  $\alpha_w$ * |  Classe** |  Recycled content (%)*** |  Reaction to fire class**** |  %RH |
|--|--|--|--|--|---|
| Plank not perforated   | 0,10   | NC   | <30  | A1   | 95  |
| R0701  | 0,55   | D  | <30  | A1   | 95  |
| R1511  | 0,70   | C  | <30  | A1   | 95  |
| R211   | 0,70   | C  | <30  | A1   | 95  |
| R2516  | 0,75   | C  | <30  | A1   | 95  |
| D1522  | 0,75   | C  | <30  | A1   | 95  |
| D222   | 0,70   | C  | <30  | A1   | 95  |

\* including non-woven fabric (black TNT) certified and hot applied.

\*\* according to EN ISO 11654

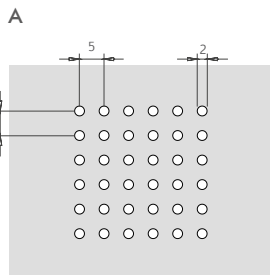
\*\*\* please note that all aluminum and steel products are 100% recyclable.

\*\*\*\* Intended use of the product according to EN13964: 2014 / A1: 2006: Components of suspended ceiling membranes for internal use in buildings. System of assessment and verification of constancy of performance of the construction product: SYSTEM 3.

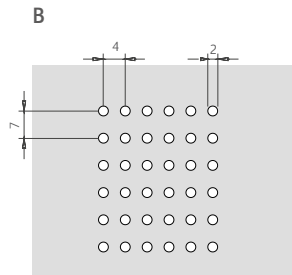
\*\*\*\*\* for any other technical information, please contact our sales or technical office.

## Perforation Options

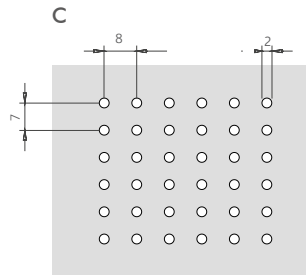
### Diameter 2 mm



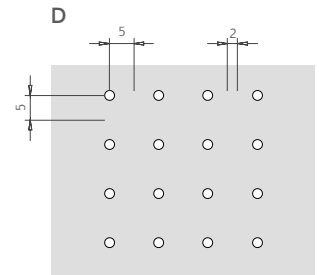
For width: 300  
Perforation area: regular  
Inter-axes: 5x5 mm  
Perforation surface: 11% approx.



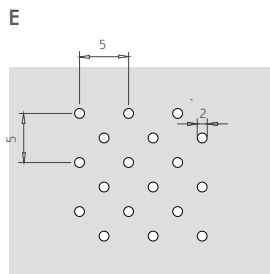
For width: 100 - 150 - 200  
Perforation area: regular  
Inter-axes: 4x7 mm  
Perforation surface: 11% approx.



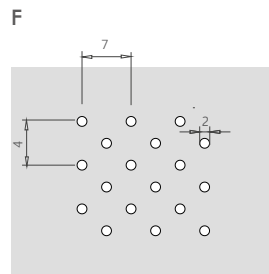
For width: 100 - 150 - 200  
Perforation area: regular  
Inter-axes: 8x7 mm  
Perforation surface: 5% approx.



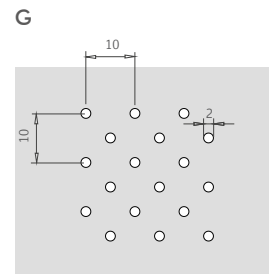
For width: 300  
Perforation area: regular  
Inter-axes: 10x10 mm  
Perforation surface: 5,5% approx.



For width: 300  
Perforation area: diagonal  
Inter-axes: 5x5 mm  
Perforation surface: 22% approx.

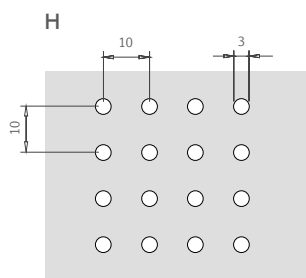


For width: 100 - 150 - 200  
Perforation area: diagonal  
Inter-axes: 4x7 mm  
Perforation surface: 22% approx.

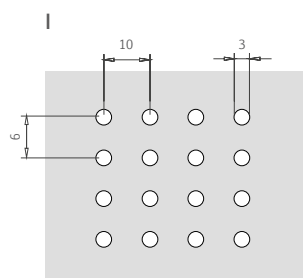


For width: 300  
Perforation area: diagonal  
Inter-axes: 10x10 mm  
Perforation surface: 11% approx.

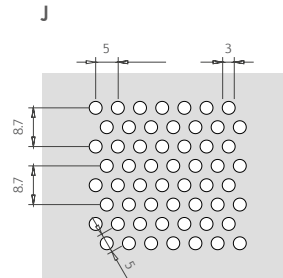
### Diameter 3 mm



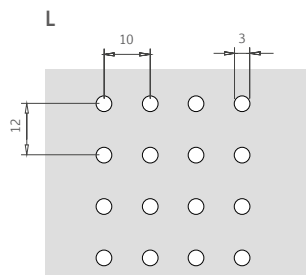
For width: 300  
Perforation area: regular  
Inter-axes: 10x10 mm  
Perforation surface: 7% approx.



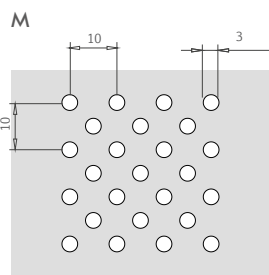
For width: 100 - 150 - 200  
Perforation area: regular  
Inter-axes: 10x6 mm  
Perforation surface: 11% approx.



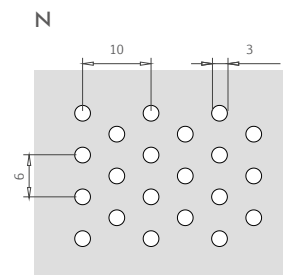
Diameter: 3 mm  
Perforation area: diagonal  
Inter-axes: 5x8.7 mm  
Perforation surface: 32% approx.



For width: 100 - 150 - 200  
Perforation area: regular  
Inter-axes: 10x12 mm  
Perforation surface: 5% approx.



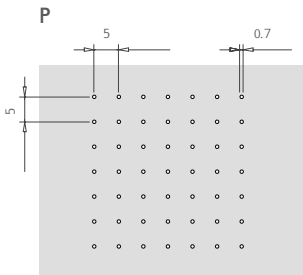
For width: 300  
Perforation area: diagonal  
Inter-axes: 10x10 mm  
Perforation surface: 14% approx.



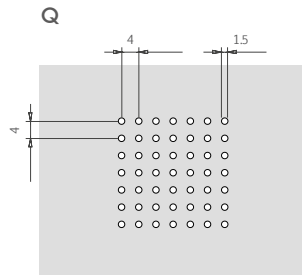
For width: 100 - 150 - 200  
Perforation area: diagonal  
Inter-axes: 10x6 mm  
Perforation surface: 23% approx.

## Perforation Options

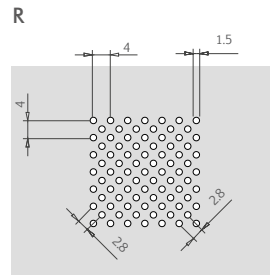
### Various



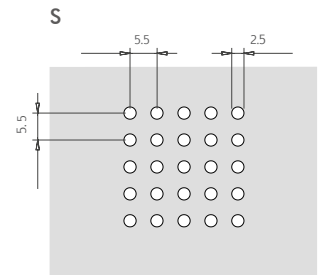
**EXTRA MICRO PERFORATION**  
 Diameter: 0.7 mm  
 Perforation area: regular  
 Inter-axes: 5x5 mm  
 For width: 100 - 150 - 200 - 300  
 Perforation surface: 1% approx.



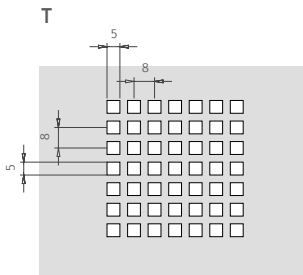
**MICRO PERFORATION**  
 Diameter: 1.5 mm  
 Perforation area: regular  
 Inter-axes: 4x4 mm  
 For width: 100 - 150 - 200 - 300  
 Perforation surface: 11% approx.



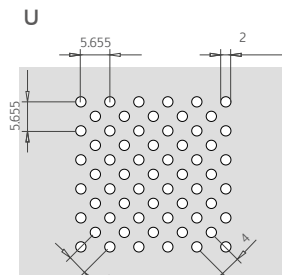
**MICRO PERFORATION**  
 Diameter: 1.5 mm  
 Perforation area: diagonal  
 Inter-axes: 4x4 mm  
 For width: 100 - 150 - 200 - 300  
 Perforation surface: 22% approx.



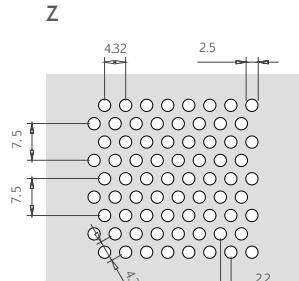
Diameter: 2.5 mm  
 Perforation area: regular  
 Inter-axes: 5.5x5.5 mm  
 For width: 100 - 150 - 200 - 300  
 Perforation surface: 16% approx.



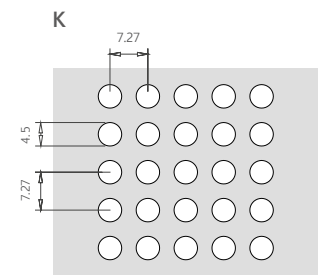
Hole: 5x5 mm  
 Perforation area: square  
 Inter-axes: 8x8 mm  
 For width: 100 - 150 - 200 - 300  
 Perforation surface: 40% approx.



Diameter: 2 mm  
 Perforation area: diagonal  
 Inter-axes: 5.655x5.655 mm  
 Perforation surface: 20% approx.



Diameter: 2.5 mm  
 Perforation area: diagonal  
 Inter-axes: 4.3x7.5 mm  
 Perforation surface: 30% approx.



Diameter: 4.5 mm  
 Perforation area: regular  
 Inter-axes: 7.27x7.27 mm  
 Perforation surface: 30% approx.

## 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 pic-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, thank 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

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