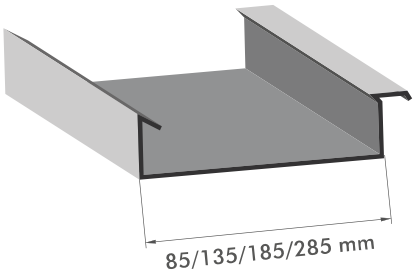
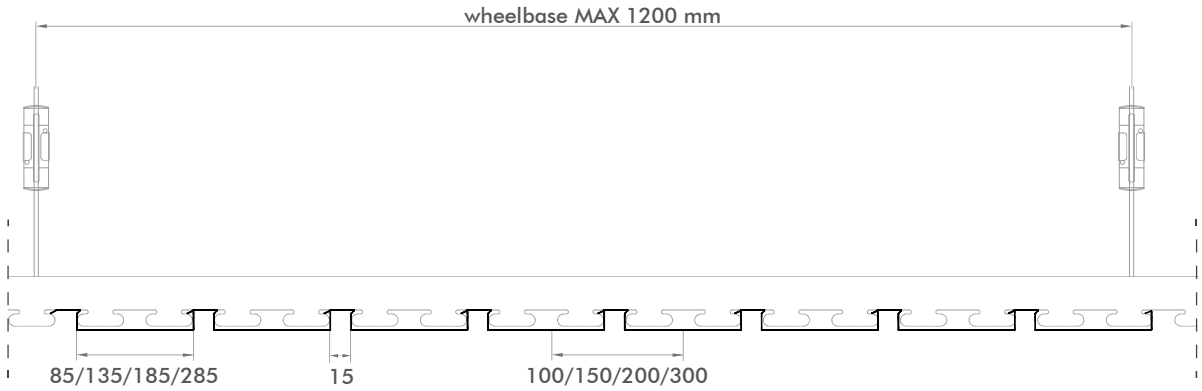
PROFILSYSTEM®

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

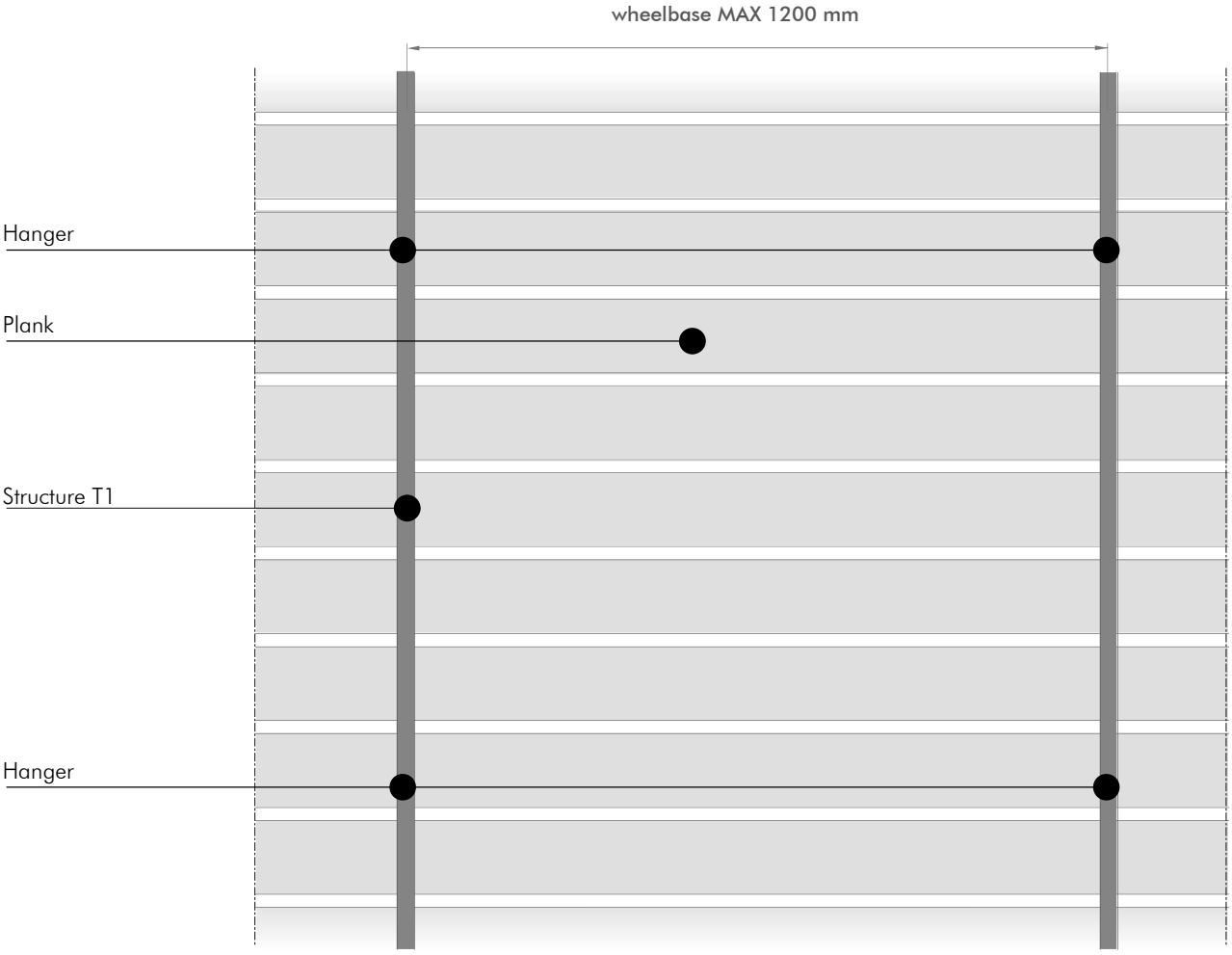
Dimensions	-Plank A1C: 85 mm; 135 mm; 185 mm; 285 mm (thickness min. 0,6 mm)
Height	14 mm
Gap	15 mm
Material, Thickness and Colour	-Coil coated Steel: 0,5 mm; 0,6 mm; 0,8 mm 9003, 9006 -Coil coated Aluminum: 0,5 mm; 0,6 mm; 0,8 mm 9003, 9006 (custom colour on request)

All dimensions are nominal and expressed in mm.
All details are subject to change without notice.
For any clarifications, please contact our commercial office - +39 0362 625652 - info@profilsystem.com

A1C Plank

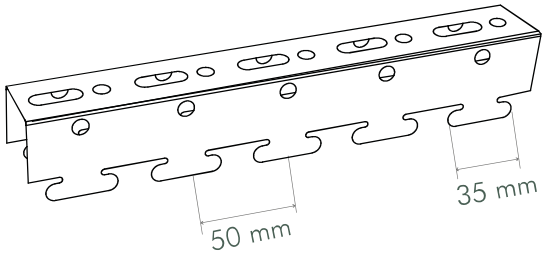
85/135/185/285

Components

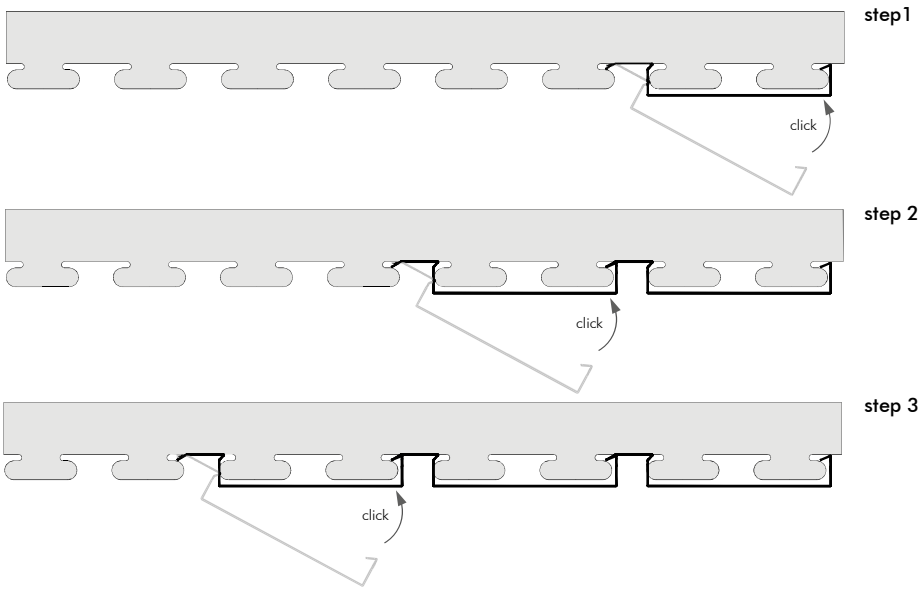


NOTE : wheelbase indicated refer to material mounted in interior spaces and completed by any "L" perimeter profile and are to be considered valid only in relation to the weight of the metal ceiling.
These indications are generic and in any case remain to be verified for each individual order, in relation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

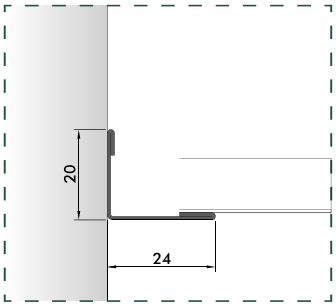
T1 Structure



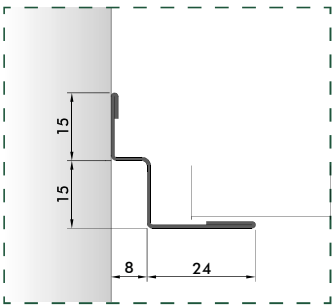
Mounting system



Perimetral's details



P2_L 3000 mm



P11/A_L 3050 mm

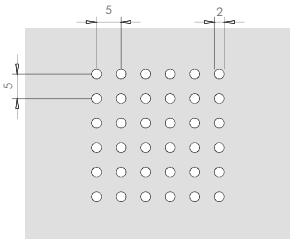
Each profile can be achieved with customized section in according to customer's requests.

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

Perforation Options

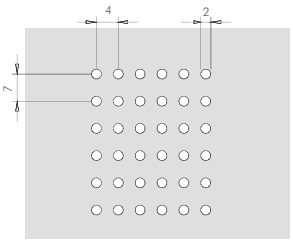
Diameter 2 mm

A



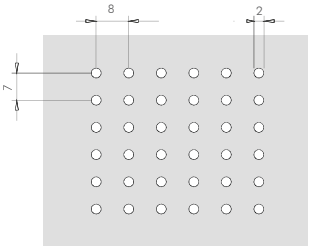
For width: 300
Perforation area: regular
Inter-axes: 5x5 mm
Perforation surface: 11% approx.

B



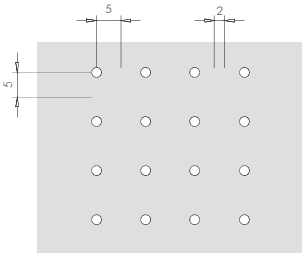
For width: 100 - 150 - 200
Perforation area: regular
Inter-axes: 4x7 mm
Perforation surface: 11% approx.

C



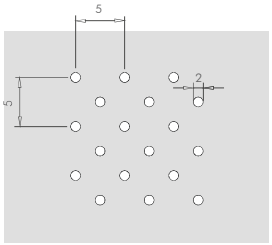
For width:100 - 150 - 200
Perforation area: regular
Inter-axes: 8x7 mm
Perforation surface: 5% approx.

D



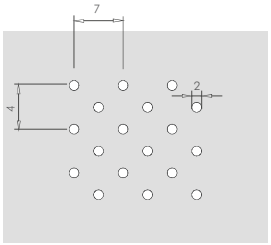
For width: 300
Perforation area: regular
Inter-axes:10x10 mm
Perforation surface: 5,5% approx.

E



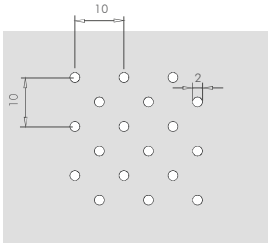
For width: 300
Perforation area: diagonal
Inter-axes: 5x5 mm
Perforation surface: 22% approx.

F



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

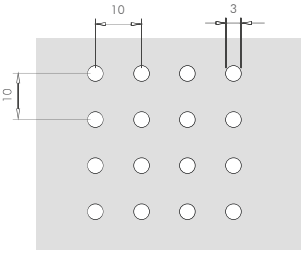
G



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

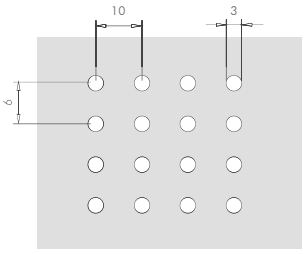
Diameter 3 mm

H



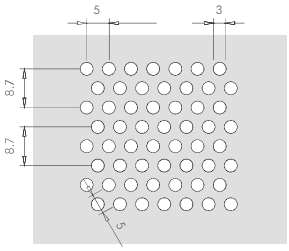
For width: 300
Perforation area: regular
Inter-axes: 10x10 mm
Perforation surface: 7% approx.

I



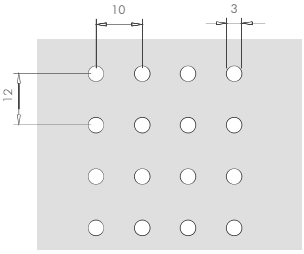
For width: 100 - 150 - 200
Perforation area: regular
Inter-axes: 10x6 mm
Perforation surface: 11% approx.

J



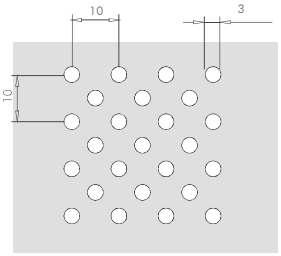
Diameter: 3 mm
Perforation area: diagonal
Inter-axes: 5x8.7 mm
Perforation surface: 32% approx.

L



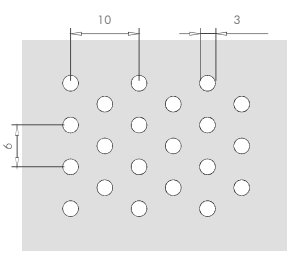
For width: 100 - 150 - 200
Perforation area: regular
Inter-axes: 10x12 mm
Perforation surface: 5% approx.

M



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

N



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

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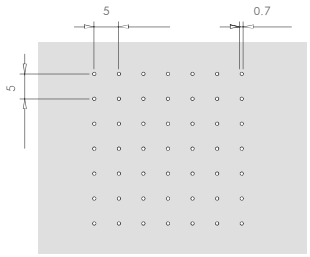
Perforation Options

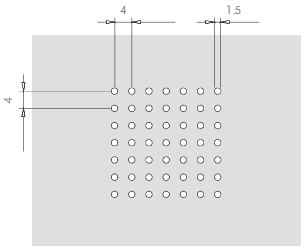
Various

P



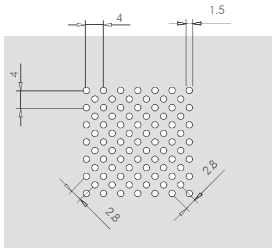
EXTRA MICRO PERFORATION
Diameter: 0.7 mm
Perforation area: regular
Inter-axes: 5x5 mm
For width: 100 - 150 - 200 - 300
Perforation surface: 1% approx.

Q



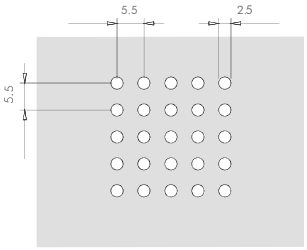
MICRO PERFORATION
Diameter: 1.5 mm
Perforation area: regular
Inter-axes: 4x4 mm
For width: 100 - 150 - 200 - 300
Perforation surface: 11% approx.

R



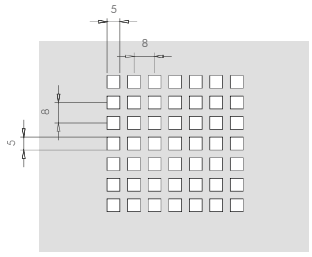
MICRO PERFORATION
Diameter: 1.5 mm
Perforation area: diagonal
Inter-axes: 4x4 mm
For width: 100 - 150 - 200 - 300
Perforation surface: 22% approx.

S



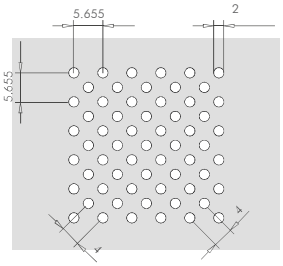
Diameter: 2.5 mm
Perforation area: regular
Inter-axes: 5.5x5.5 mm
For width: 100 - 150 - 200 - 300
Perforation surface: 16% approx.

T



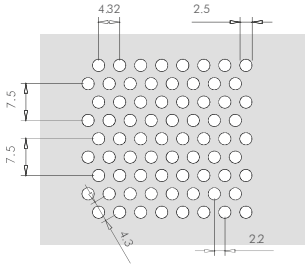
Hole: 5x5 mm
Perforation area: square
Inter-axes: 8x8 mm
For width: 100 - 150 - 200 - 300
Perforation surface: 40% approx.

U



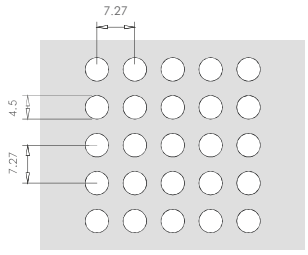
Diameter: 2 mm
Perforation area: diagonal
Inter-axes: 5.655x5.655 mm
Perforation surface: 20% approx.

Z



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

K



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

Performance and technical data

Recycled content (%)*	Reaction to fire class**	%RH
<30	A1	95

* please note that all aluminum and steel products are 100% recyclable.
** Intended use of the product according to EN 13501-1.
*** for any other technical information, please contact our sales or technical office.

General informations

Technical standards

All Profilesystem 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 Profilesystem.

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 polystirene 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 theme under the sun.

Installation

The metal ceiling are installed manually by the installator 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.

PROFILSYSTEM®

Give life to your project

Our offices are at your disposal

ITALIA

Head quarter & showroom

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www.profilsystem.com