



PROFILSYSTEM[®]

Give life to your project

Y System



Y System



Description

System Y is quick to install and allows frequent access to false ceiling.

Thanks to the special shape, panels are mounted on a particular profile with Y section. This detail guarantees an easy and rapid inspection without the risk to compromise the aesthetic integrity of the ceiling. Consequently, even the closing of the ceiling will be easier and faster.

This type of false ceiling offers considerable flexibility combining functionality and simplicity of style, giving the customer the possibility to define dimensions of the panel that best suit the design requirements.

Main features

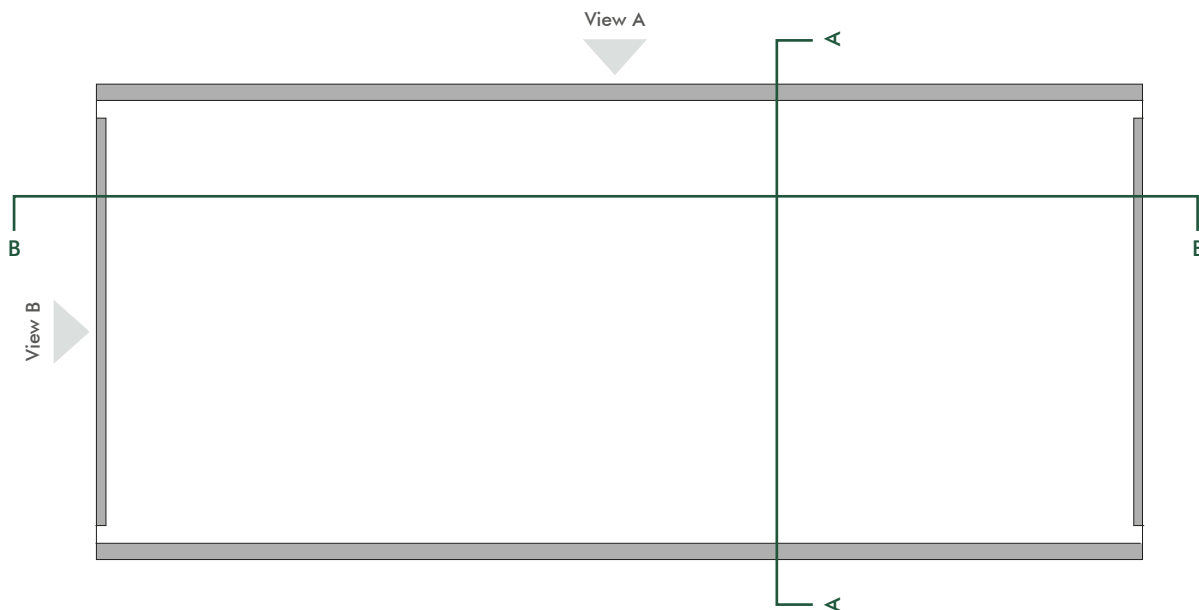
Dimensions

-Y System: custom

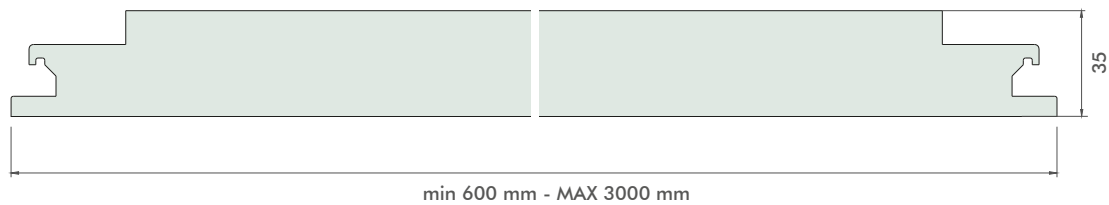
Material and Colour

-Coil coated Steel:
RAL 9010, 9003, 9006
-Powder coated Steel:
RAL 9010, 9003, 9006
-Coil coated Aluminum:
RAL 9003,9006
(other RAL colours available
on request)

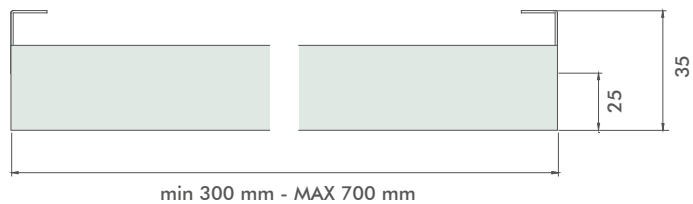
Panel



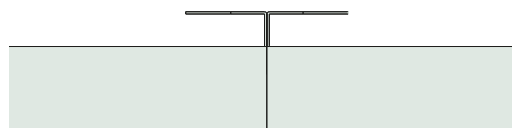
View A



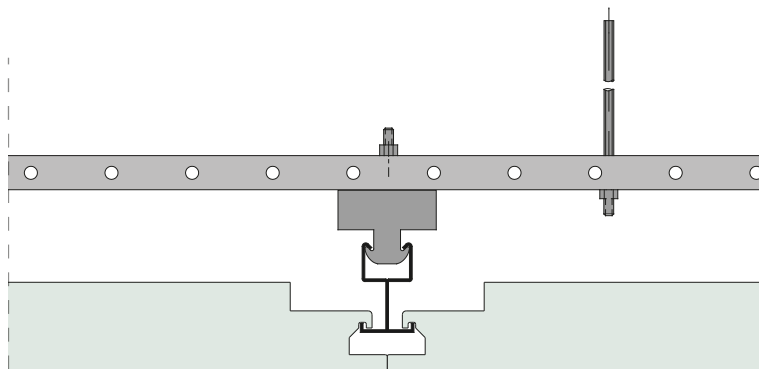
View B



Section type bA _ Edges without gap

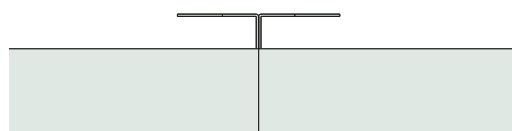


Section A-A

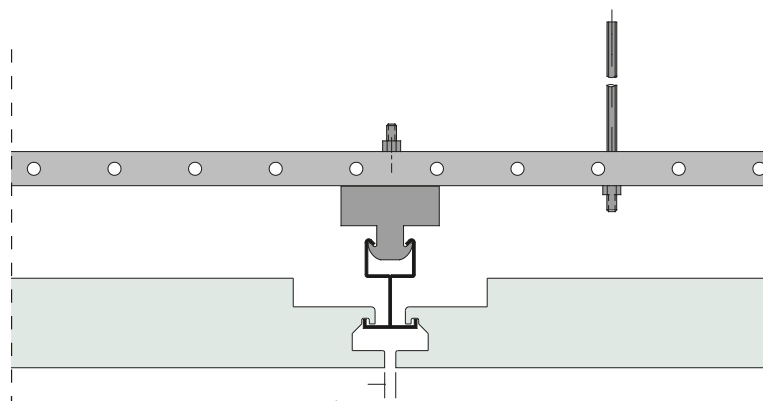


Section B-B

Section type bS - with gap



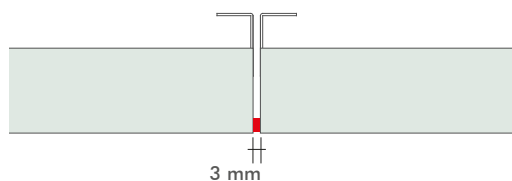
Section A-A



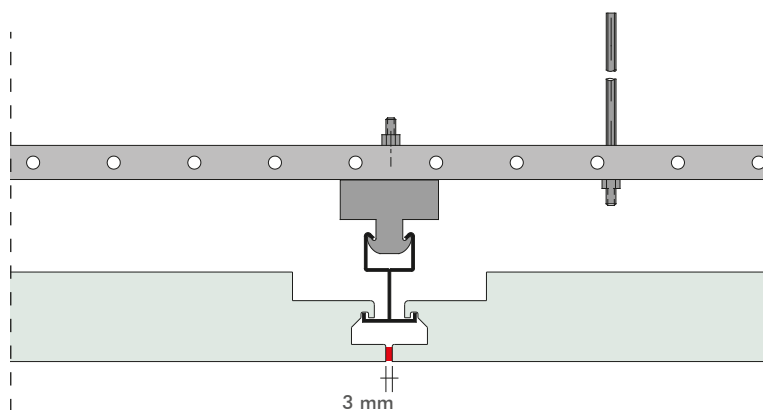
Section B-B

Section type bG - with gasket

*not available for metal mesh panel

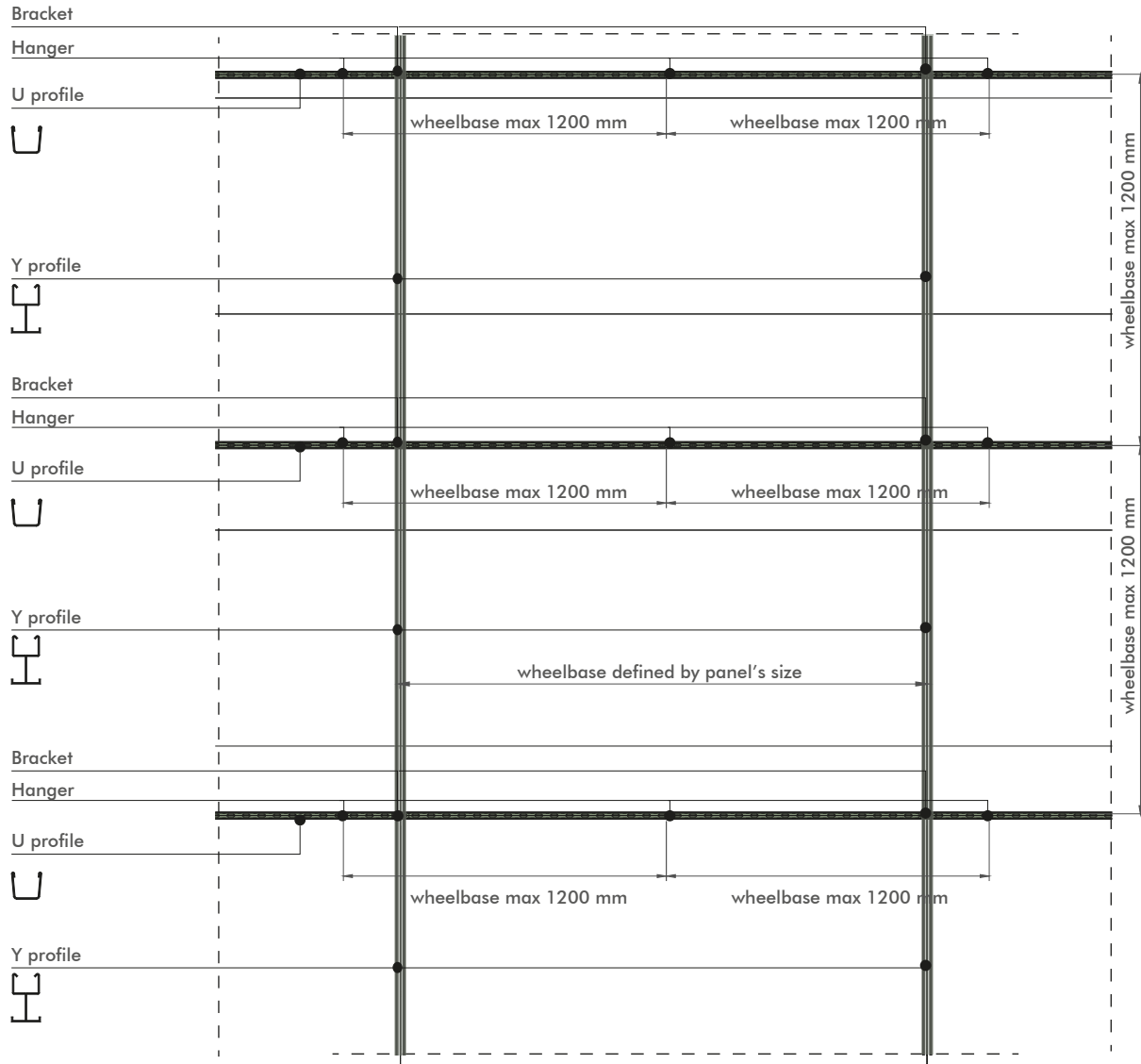


Section A-A



Section B-B

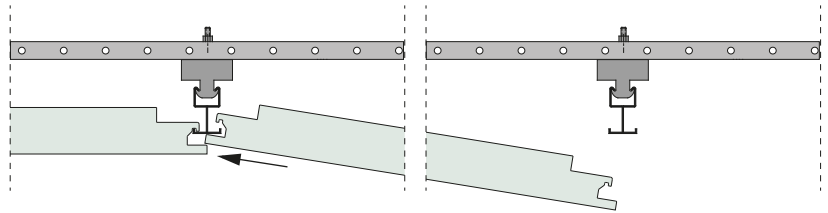
Structure



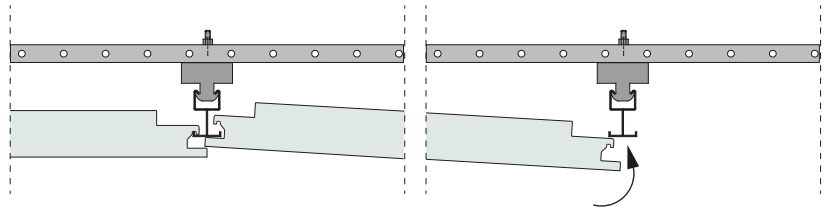
* all the distances indicated must be checked according to the load per mq

Mounting System

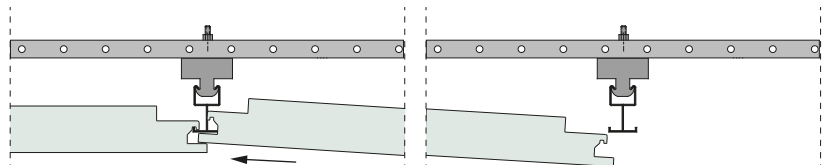
1_ place the panel by tilting him and put the lower side in the space between the Y profile and the previous panel.



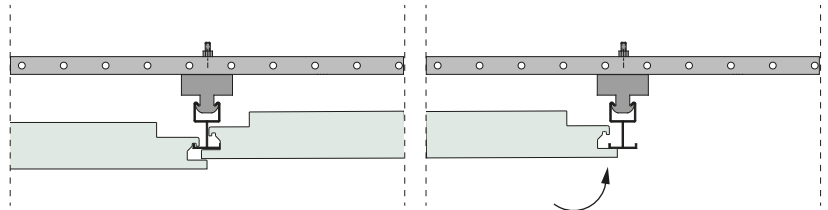
2_ Turn the panel upwards doing pin on the point of insertion.



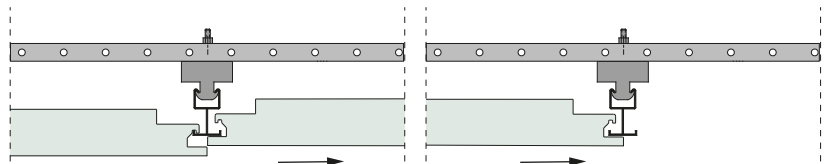
3_ make flow again the panel in the space between Y profile and the previous panel until the particular edge on the other side exceed the next Y profile.



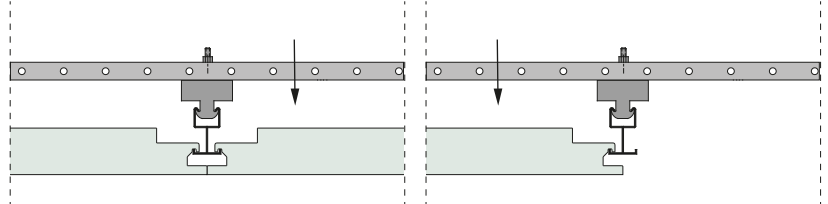
4_ turn the panel upwards doing pin on the point of insertion and complete the insertion of the panel.



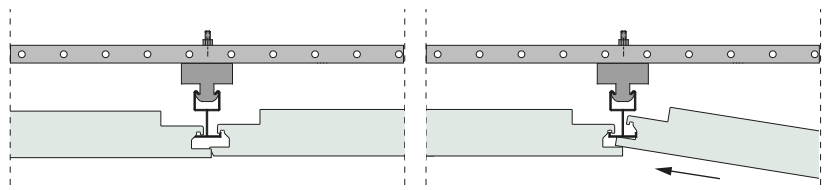
5_ bring the panel in horizontal position for a perfect clutch on Y profiles



6_ make flow downward the panel and lead it on Y profiles



7_ get on with other panels in the same way



Performance and technical data



Perforation
type



α_w *



Classe**



Recycled
content (%)***



Reaction to
fire class****



%RH

Perforation type	α_w *	Classe**	Recycled content (%)***	Reaction to fire class****	%RH
Panel 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
Acoustic R1511	1,00	A	≤30	A1	95
Acoustic D1522	1,00	A	≤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.

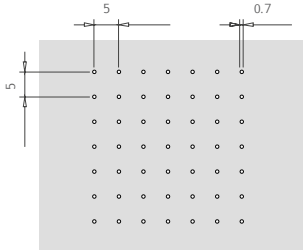
**** Intended use of the product according to EN13964: 2014 / A1: 2006: Components of suspended ceiling membranes for internal use in buildings. System of assessment and verification of constancy of performance of the construction product: SYSTEM 3.

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

Perforation Options

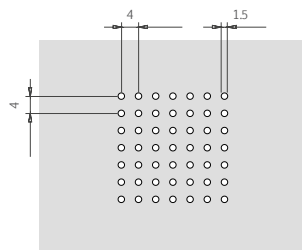
Regular

R0701



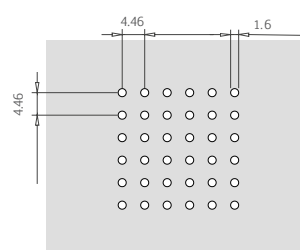
aw 0.55 - EXTRA MICRO PERFORATION
 Diameter : 0.7 mm
 Perforation area : regular central or total
 Inter-axes : 5x5 mm
 Perforation surface : 1.5% approx.

R1511



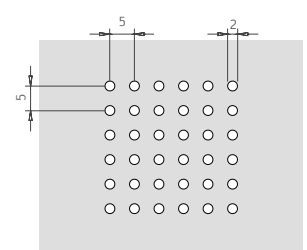
aw 0.70 - MICRO PERFORATION
 Diameter: 1.5 mm
 Perforation area: regular central or total
 Inter-axes: 4x4 mm
 Perforation surface: 11% approx.

R1610



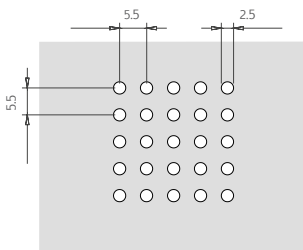
Diameter: 1.6 mm
 Perforation area: regular central or total
 Inter-axes: 4.46x4.46 mm
 Perforation surface: 10% approx.

R211



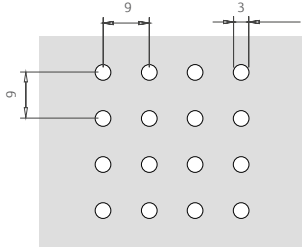
aw 0.70
 Diameter: 2 mm
 Perforation area: regular central or total
 Inter-axes: 5x5 mm
 Perforation surface: 11% approx.

R2516



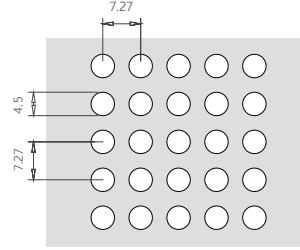
aw 0.75
 Diameter: 2.5 mm
 Perforation area: regular central or total
 Inter-axes: 5.5x5.5 mm
 Perforation surface: 1.6% approx.

R308



Diameter: 3 mm
 Perforation area: regular central or total
 Inter-axes: 9x9 mm
 Perforation surface: 8% approx.

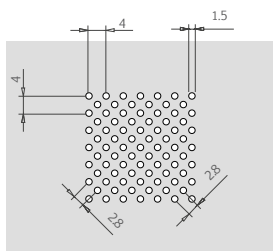
R4530



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

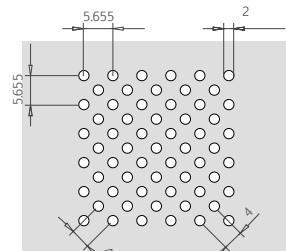
Diagonal

D1522



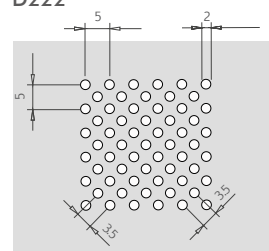
aw 0.75 - MICRO PERFORATION
 Diameter: 1.5 mm
 Perforation area: diagonal central or total
 Inter-axes: 4x4 mm
 Perforation surface: 22% approx.

D220



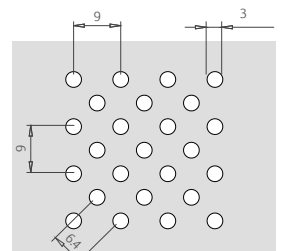
Diameter: 2 mm
 Perforation area: diagonal central or total
 Inter-axes: 5.655x5.655 mm
 Perforation surface: 20% approx.

D222



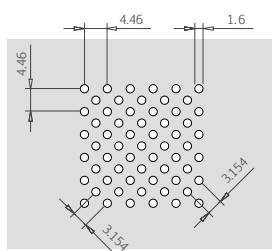
aw 0.70
 Diameter : 2 mm
 Perforation area: diagonal central or total
 Inter-axes: 5x5 mm
 Perforation surface : 22% approx.

D316



Diameter: 3 mm
 Perforation area: diagonal central or total
 Inter-axes: 9x9 mm
 Perforation surface: 16% approx.

D1620

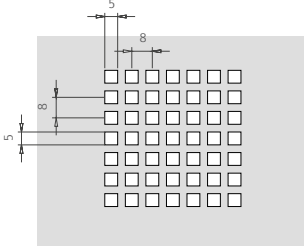


Diameter: 1.6 mm
 Perforation area: diagonal central or total
 Inter-axes: 4.46x4.46 mm
 Perforation surface: 20% approx.

Perforation Options

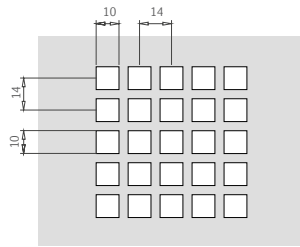
Square

Q540



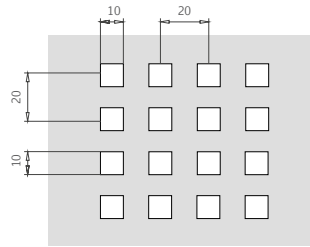
Hole: 5x5 mm
 Perforation area: regular central or total
 Inter-axes: 8x8 mm
 Perforation surface: 40% approx.

Q1045



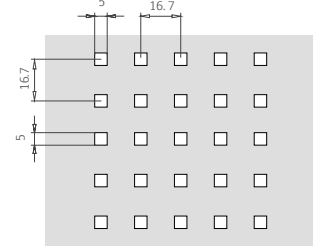
Hole: 10x10 mm
 Perforation area: regular central or total
 Inter-axes: 14x14 mm
 Perforation surface: 45% approx.

Q1020



Hole: 10x10 mm
 Perforation area: regular central or total
 Inter-axes: 20x20 mm
 Perforation surface: 20% approx.

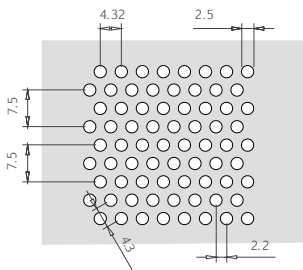
Q509



Hole: 5x5 mm
 Perforation area: regular central or total
 Inter-axes: 16.7x16.7 mm
 Perforation surface: 9% approx..

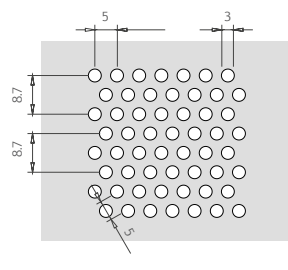
Hexagonal

E2530



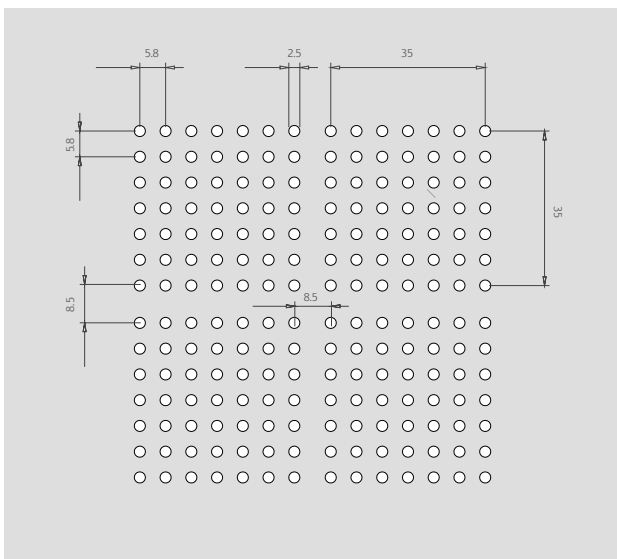
Diameter: 2.5 mm
 Perforation area: diagonal central or total
 Inter-axes: 4.3x7.5 mm
 Perforation surface: 30% approx.

E332



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

04/5,5x5,5



Diameter: 2.5 mm
 Perforation area: regular 35x35 mm
 Inter-axes: 8.5 mm
 Perforation surface: 15% approx.

General informations

Normes Techniques

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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