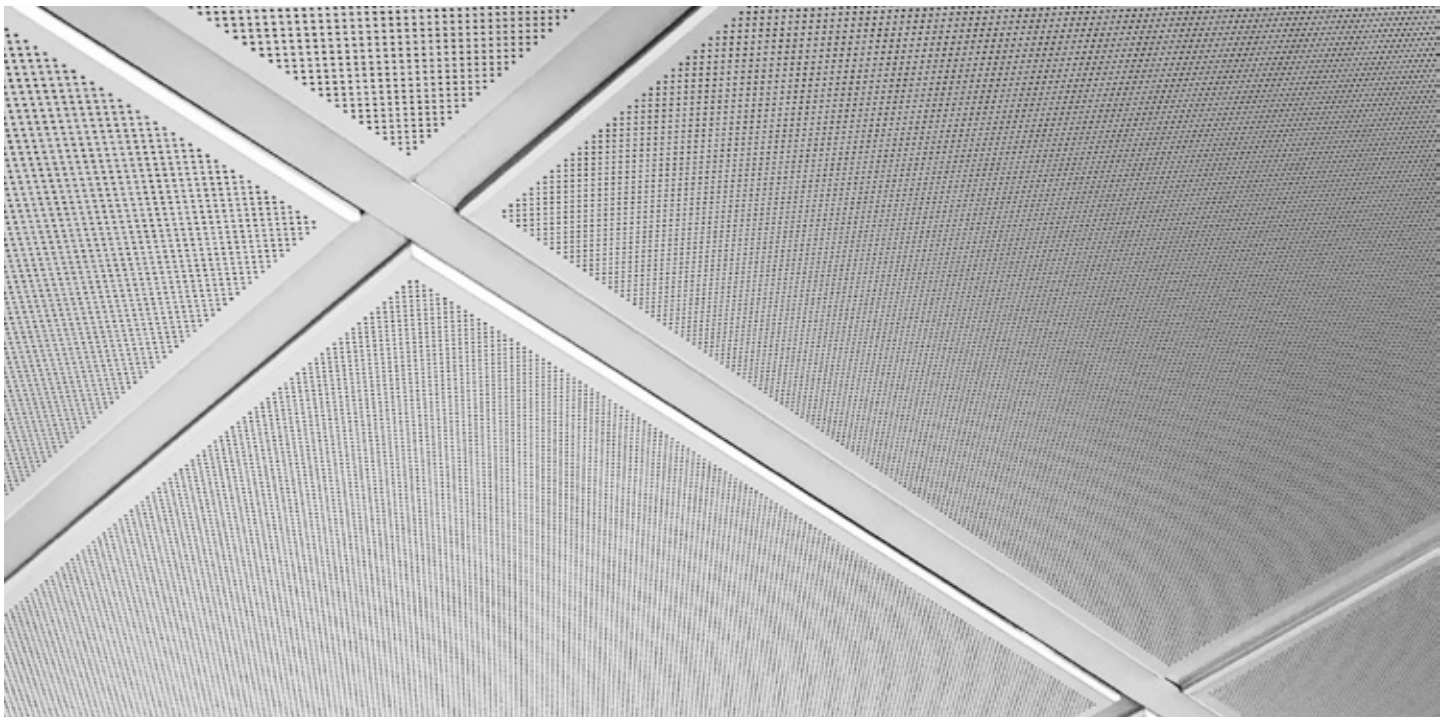
PROFILSYSTEM®

Give life to your project

Panel F and F120

Panel F and F120



Description

The metal ceiling made by F panels is an alternative to the E model.

In fact, it is characterized by the same aesthetic specifications with rounded edges and 7/8 mm lowering but it's mounted on a 24 mm inverted T support structure.

The result is a false ceiling with a semi-hidden structure with an additional aesthetic alternative.

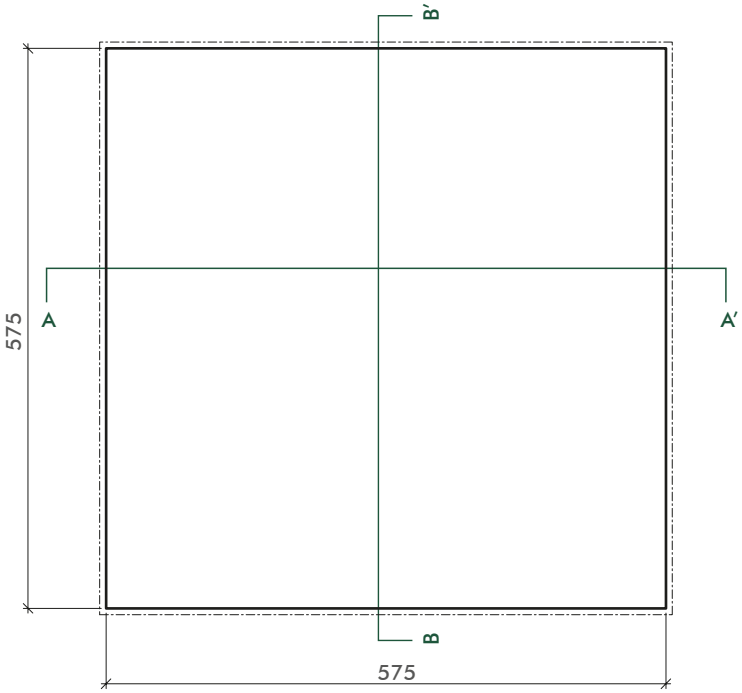
Main features

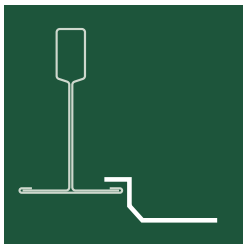
Panel module	-Mod. F: 600x600 mm -Mod. F:120: 1200x600 mm
Material and Colour	-Coil coated Steel: RAL 9010, 9003, 9006 -Powder coated Steel: RAL 9010, 9003, 9006 -Powder coated Aluminum: RAL 9010, 9003,9006 (other RAL colours available on request)
Sound absorption	TNT black

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

Panel F

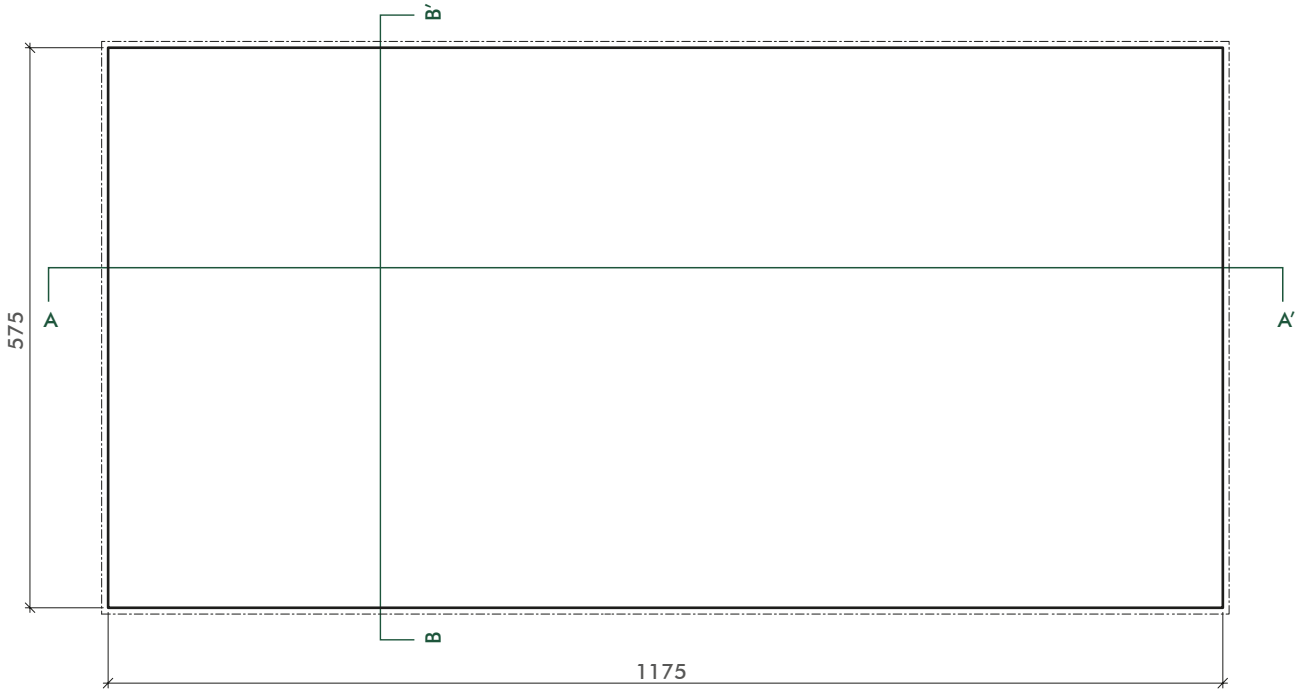
Structure





T24

Panel F120



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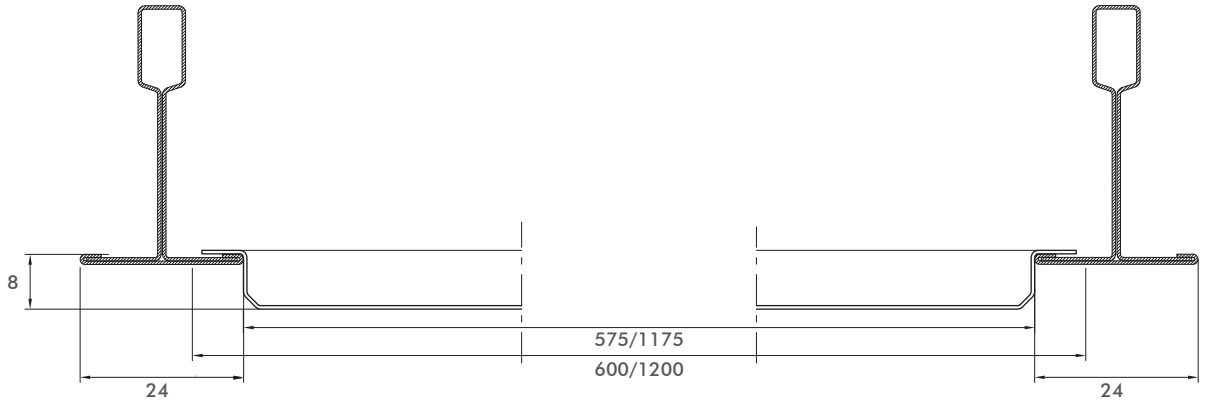
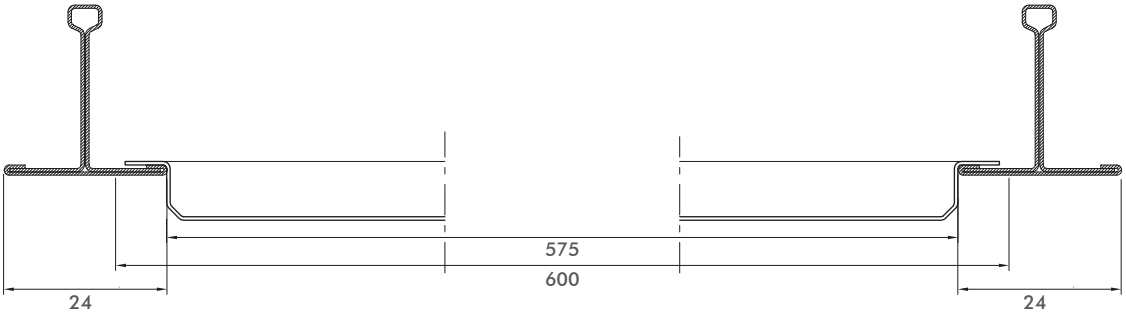
Section A - A' _ on T24 structure _ module 600x600 mm and 600x1200 mm



Section B - B' _ on T24 structure _ module 600x600 mm and 600x1200 mm

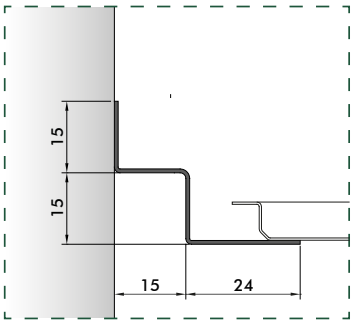


Performance and technical data

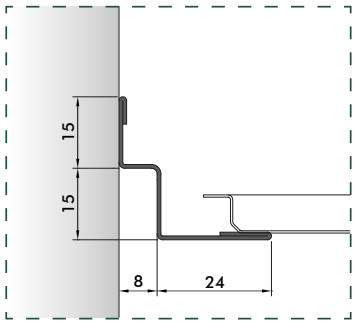
Perforation type	α_w*	Classe**	Recycled content (%)***	Reaction to fire class****	%RH
Panel not perforated	0,10	NC	<30	A1	95
R0701	0,55	D	<30	A1	95
R1511	0,70	C	<30	A1	95
R211	0,70	C	<30	A1	95
R2516	0,75	C	<30	A1	95
D1522	0,75	C	<30	A1	95
D222	0,70	C	<30	A1	95
Acustic R1511	1,00	A	≤30	A1	95
Acustic D1522	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.

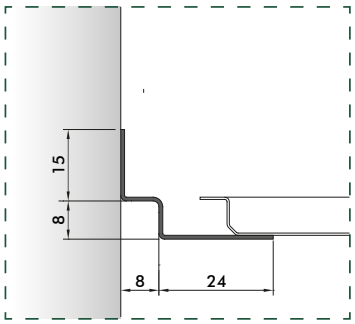
Perimetral's details



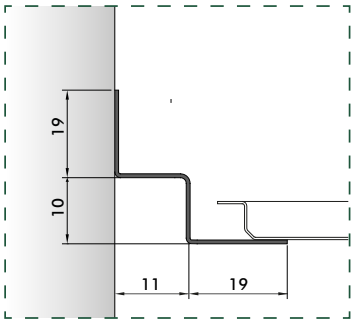
P11_L 3000 mm



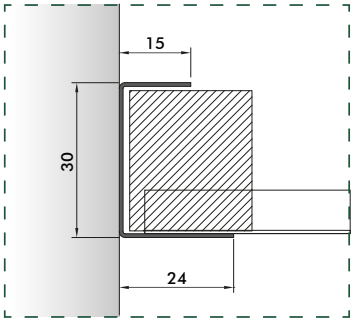
P11/A_L 3050 mm



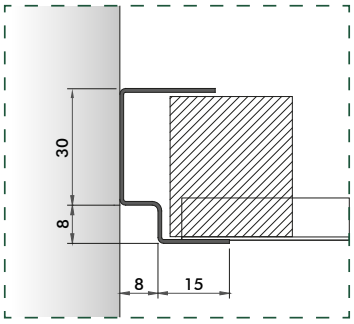
P12_L 3000 mm



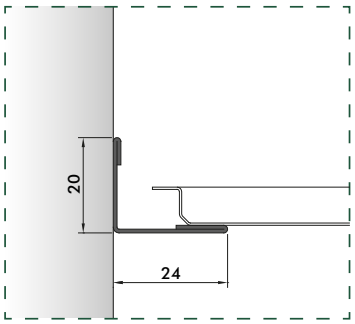
P15/A_L 3000 mm



P10 *_L 3000 mm



P13 *_L 3000 mm



P2_L 3000 mm

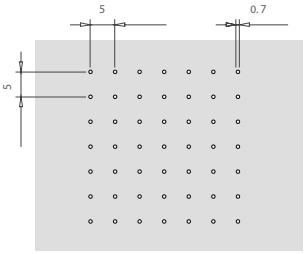
Each profile can be achieved with customized section in according to customer's requests.

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

Perforation Options

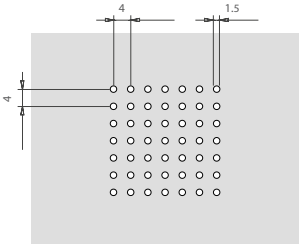
Regular

R0701



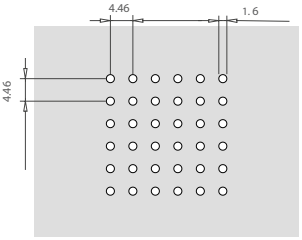
aw 0.55 - *EXTRA MICRO PERFORATION*
Diameter : 0.7 mm
Perforation area : regular central or total
Inter-axes : 5x5 mm
Perforation surface : 1.5% approx.

R1511



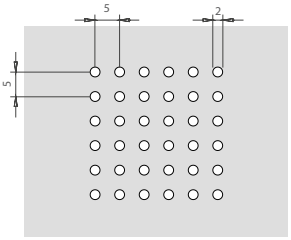
aw 0.70 - *MICRO PERFORATION*
Diameter: 1.5 mm
Perforation area: regular central or total
Inter-axes: 4x4 mm
Perforation surface: 11% approx.

R1610



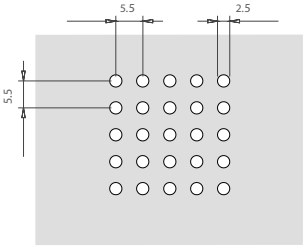
Diameter: 1.6 mm
Perforation area: regular central or total
Inter-axes: 4.46x4.46 mm
Perforation surface: 10% approx.

R211



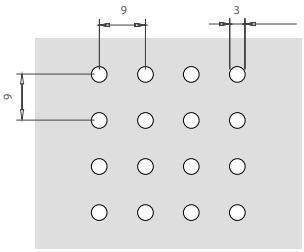
aw 0.70
Diameter: 2 mm
Perforation area: regular central or total
Inter-axes: 5x5 mm
Perforation surface: 11% approx.

R2516



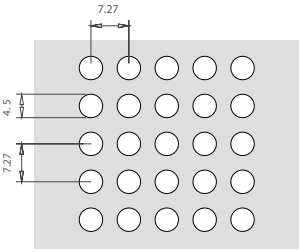
aw 0.75
Diameter: 2.5 mm
Perforation area: regular central or total
Inter-axes: 5.5x5.5 mm
Perforation surface: 16% approx.

R308



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

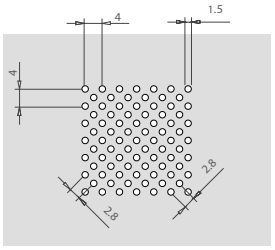
R4530



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

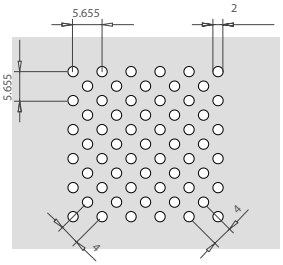
Diagonal

D1522



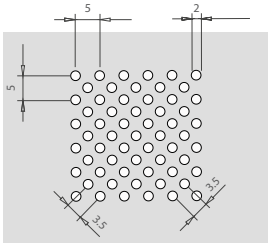
aw 0.75 - *MICRO PERFORATION*
Diameter: 1.5 mm
Perforation area: diagonal central or total
Inter-axes: 4x4 mm
Perforation surface: 22% approx.

D220



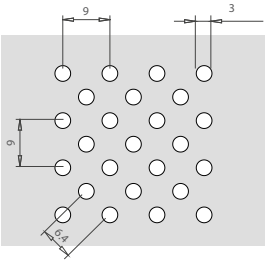
Diameter: 2 mm
Perforation area: diagonal central or total
Inter-axes: 5.655x5.655 mm
Perforation surface: 20% approx.

D222



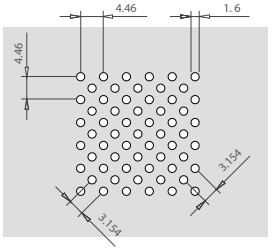
aw 0.70
Diameter : 2 mm
Perforation area: diagonal central or total
Inter-axes: 5x5 mm
Perforation surface : 22% approx.

D316



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

D1620

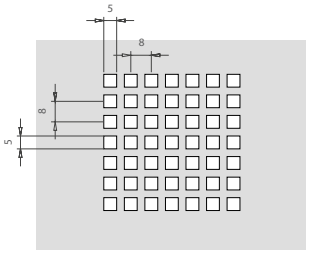


Diameter: 1.6 mm
Perforation area: diagonal central or total
Inter-axes: 4.46x4.46 mm
Perforation surface: 20% approx.

Perforation Options

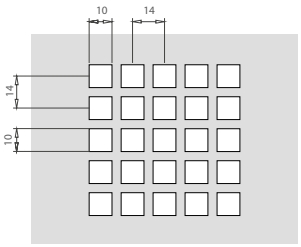
Square

Q540



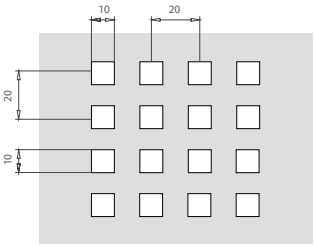
Hole: 5x5 mm
Perforation area: regular central or total
Inter-axes: 8x8 mm
Perforation surface: 40% approx.

Q1045



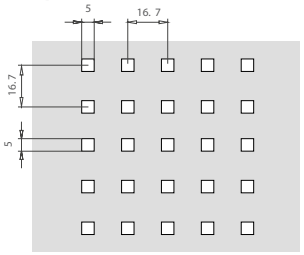
Hole: 10x10 mm
Perforation area: regular central or total
Inter-axes: 14x14 mm
Perforation surface: 45% approx.

Q1020



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

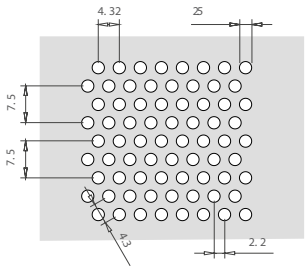
Q509



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

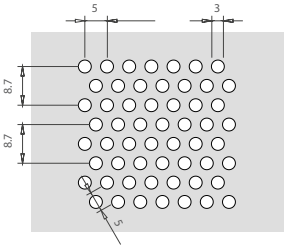
Hexagonal

E2530



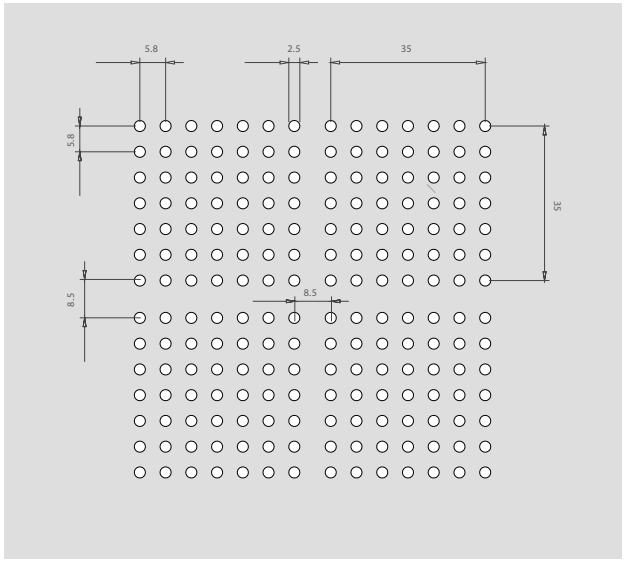
Diameter: 2.5 mm
Perforation area: diagonal central or total
Inter-axes: 4.3x7.5 mm
Perforation surface: 30% approx.

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

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 pic-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

ITALY
Head quarter & showroom

Via Don Luigi Sturzo,3 - 20822 Seveso (MB) Italy
tel: +39 0362 625652 - fax: +39 0362 306733
www.profilsystem.com

DUBAI
Sales offices & showroom

TOP 27 CONSULTING JLT
Office 3205 - JBC2
Cluster V - JLT
Dubai - United Arab Emirates
middleeast@profilsystem.com

CHILE
Sales offices & showroom

COMERCIAL E.V.A. Limitada
Avenida La Dehesa 1844
Ufficio 714
Lo Barnechea, Santiago de Chile
tel: +59 9 51599037
info@nenzi.cl

SPAIN
Sales offices & showroom

PROFILSYSTEM EPC
Techos de Aluminio S.L.
Avinguda Garraf 15/B
08880 Cubelles, Barcellona
tel: +34 666 431 921
info@profilsystem.es

Our offices are at your disposal

SALES OFFICE ITALY:

Elis Zappino
elis@profilsystem.com
Skype ID elis.zappino

Dott. Riccardo Ghezzi
riccardo@profilsystem.com
Skype ID ghezziriccardo

EXPORT OFFICE:

Dott. Alexa Maj
export@profilsystem.com
Skype ID Alexa Maj

TECHNICAL OFFICE:

Arch. Manuela De Cristofaro
tecnico@profilsystem.com
Skype ID Manuela De Cristofaro

SHIPPING OFFICE:

Chiara Talon
chiara.talon@profilsystem.com
Skype ID talon.chiara