



SYSTEM BROCHURE

CEILING ISLANDS

**IDEAL FOR
STRUCTURING THE CEILING VOLUME
AS AN ACOUSTIC COMPLEMENT**

**Customized solutions are available
for each system**

ACOUSTICS

- ⊕ Excellent acoustic properties

AESTHETICS

- ⊕ Full perforation of the visible surfaces
- ⊕ Wide range of possible colors
- ⊕ Options for shapes, fixings, edges, and rear closure
- ⊕ Open horizontal ceiling suited to architectural constraints

PRACTICAL

- ⊕ Design freedom thanks to various suspension systems
- ⊕ Tilting versions adapted to reversible radiant acoustic islands

PLAFOMETAL



Combine contemporary design and acoustic performance with our metal acoustic islands, the elegant solution to enhance your spaces by structuring the ceiling volume while controlling sound.

1

TILTING ISLAND



Our tilting island systems transform your spaces and allow you to play with volumes, while ensuring easy opening for maintenance.

- Islands made up of panels installed on a semi-visible or concealed suspension
- Suitable for alignment with the facade grids of open-plan offices
- Tilting panels adapted to reversible radiant islands

2

FIXED ISLAND



Designed to integrate harmoniously into any type of interior, our fixed acoustic island systems bring a modern and elegant touch while offering an acoustic and durable solution.

- Islands made up of a single metal panel suspended by cable or threaded rod
- Several aesthetic options: panel shapes, colors, centered or corner fixings, straight or sloped edges, rear closure cover...
- Accessories allowing the connection of islands in multiple directions



1

TILTING ISLAND



- Islands made up of panels installed on a semi-visible or concealed suspension
- Suitable for alignment with the façade grids of open-plan offices • Allows full-height partitioning between acoustic islands • Tilting panels adapted to reversible radiant acoustic islands

SELECTION GUIDE

Choose the system best suited to your needs and configurations for tilting ceiling islands. Find all the details in each system sheet.

TILTING ISLAND SYSTEM ON J PROFILES

STEEL B ISLAND
[PLAFOMETAL-FH-110]



- + Pans aligned on a semi-visible suspension

TILTING ISLAND SYSTEM ON FUR-RINGS

STEEL B ISLAND
[PLAFOMETAL-FH-120]



- + Panels simply hung on concealed furrings



Acoustic

according to standard EN ISO 11654

High equivalent absorption area (Aeq): ratio m^2 sabin / m^2 of the product up to 1.8 in speech frequencies.

The Aeq - defined as the product of the acoustic absorption coefficient and the measured panel surface - is an imaginary area given in m^2 with an α sabin absorption coefficient of 1 per frequency band.

Acoustic performance subject to chosen perforation and suspension height.



Light reflection

Up to 87%.



Reaction to fire

according to EN 13501-1

Euroclass A2-s1, d0.



EPD verified

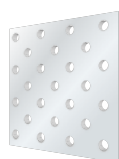
Available on the INIES database (www.inies.fr).



Perforations

Void percentage, diameter in mm and hole arrangement.

11% Ø1.5 M



22% Ø1.5 M



Perforations on steel. The perforation is total.



Colors

Polyester powder post-coated steel

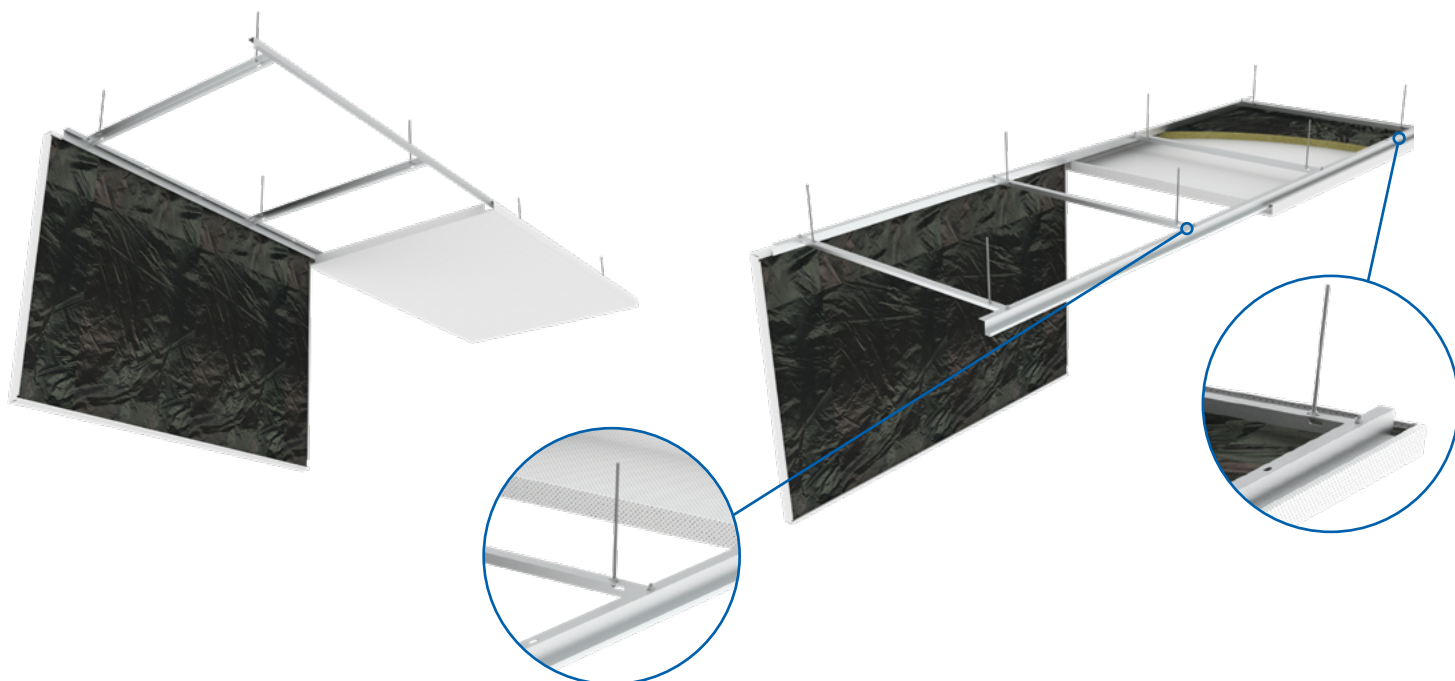
- White RAL 9003
- White RAL 9010
- White RAL 9016

180 RAL shades on request

TILTING ACOUSTIC ISLAND SYSTEM ON J PROFILES

STEEL B ISLAND
[PLAFOMETAL-FH-110]

Overview - Bottom & top



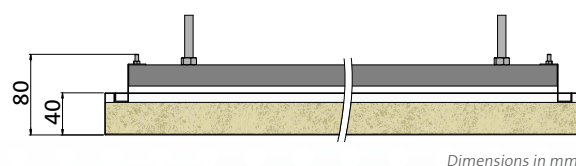
Description

- Ceiling acoustic island made up of one or more panels aligned on a semi-visible suspension
- Steel panels with straight edges and sharp corners
- The panels are equipped on their longitudinal sides with an inner upturned hooked edge allowing their suspension on the suspension and their tilting
- The panels are filled with a specific mineral insulation
- The carrier frame consists of transverse profiles supporting at their ends longitudinal J-hook profiles, allowing the attachment of the panels and ensuring their alignment
- Reversible radiant island version available

Destination

Ideal for: structuring the ceiling volume as an acoustic complement in open-plan offices.

Clearance section



TILTING ACOUSTIC ISLAND SYSTEM ON J PROFILES

STEEL B ISLAND [PLAFOMETAL-FH-110]



- Acoustic : excellent acoustic properties
- Aesthetic : suitable for alignment with facade grids

- Installation : alignment of elements on the longitudinal J profiles
- Opening : Tilting panel, suitable for the reversible radiant version

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Panel length = island width	Panel width" x N = island length	
	STEEL B ISLAND Panel*	40	On request. Dimension between 600 and 1200 mm.	1200	Galvanized steel thk. 0,7 mm
				1800	
				2400	
	Acoustic complement	depending on panel			see ALPHA PLUS offer
	L profile support STEEL B ISLAND	Len. = acoustic island width - 60			Steel thk. 1.5 mm
	J hanging profile STEEL B ISLAND	Len. 3000			Steel thk. 1 mm
	J profile splice	-			-

* Refer to the product sheet ** Others on request **Selection of top fixings for suspension devices** : it is up to the installation company (ceiling installer) to select the top fixings for suspension devices according to the load requirements to be considered and the nature of the fixing supports in accordance with Annex B of standard NF EN 13964 : 2014. Maximum indicative weight of the system (all options, including reversible radiant) : less than 25 kg/m².



Thermal

Details in the dedicated brochure.



Acoustic filling

Specific sound insulation encapsulated or surfaced.



Acoustic

according to standard EN ISO 11654

High equivalent sound absorption area (Aeq): ratio m² sabin / m² of the product up to 1.8 in speech frequencies.

The Aeq - defined as the product of the acoustic absorption coefficient and the measured panel surface - is an imaginary area given in m² with an α sabin absorption coefficient of 1 per frequency band.

Acoustic performance subject to chosen perforation and suspension height.



Light reflection

Up to 87%.



EPD verified

Available on the INIES database (www.inies.fr).



Reaction to fire

according to EN 13501-1
Euroclass A2-s1, d0.



Openings, integrations

Custom factory cutting on request.



Opening

Tilting by vertical push of the panel then lateral translation to clear the hanging profile. The panel swings down and remains suspended on the opposite profile.



Indoor Air Quality

Class A+, with specific encapsulated insulation Class A, with specific surfaced insulation.



Perforations

Void percentage, shape in mm and hole arrangement.

11% Ø1.5 M

22% Ø1.5 M



Perforations on steel. The perforation is total.



Colors

Polyester powder post-coated steel

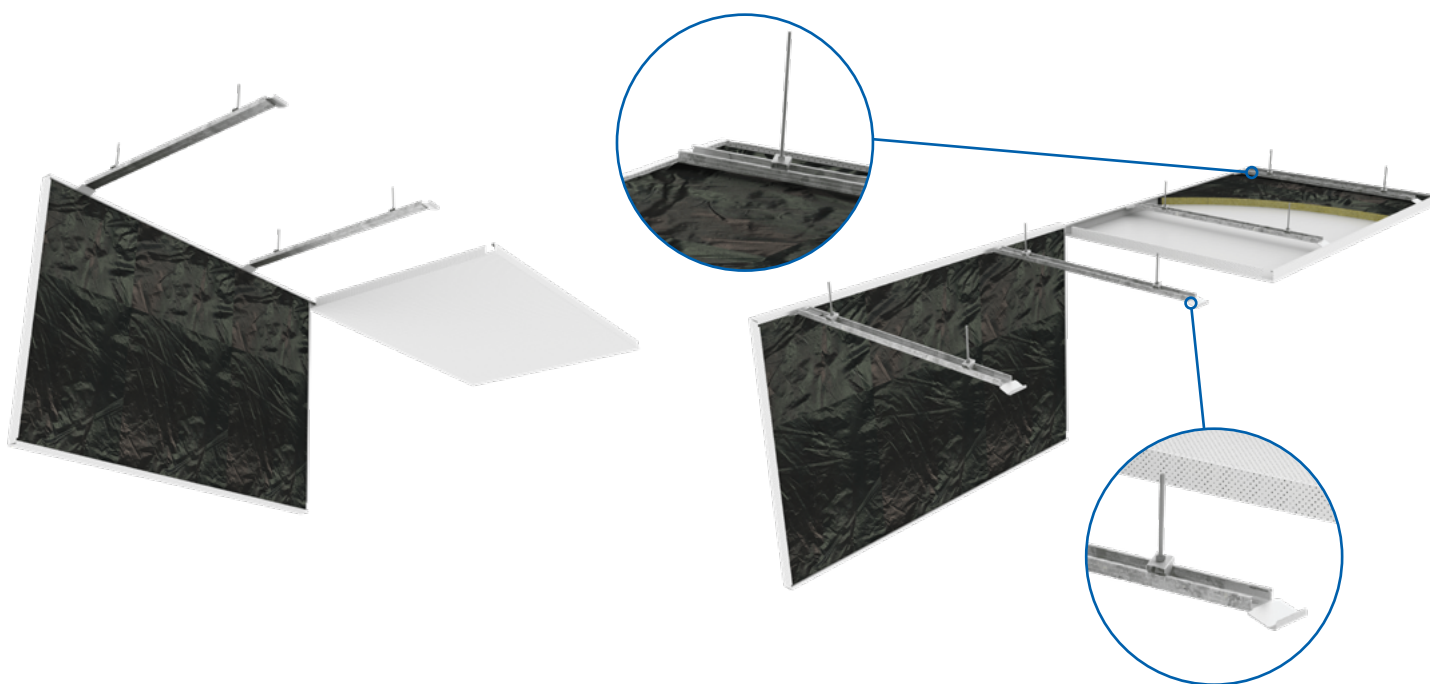
- White RAL 9003
- White RAL 9010
- White RAL 9016

180 RAL shades available on request

TILTING ACOUSTIC ISLAND SYSTEM ON FURRINGS

STEEL B ISLAND
[PLAFOMETAL-FH-120]

Overview - Bottom & top



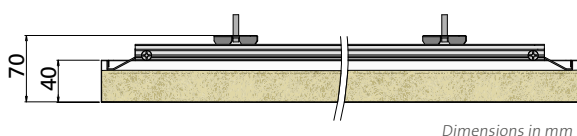
Description

- Ceiling acoustic island consisting of one or more panels simply hung on transverse furrings
- Steel panels with straight edges and sharp corners
- The panels are equipped on their longitudinal sides with an inner upturned hooked edge allowing their suspension on the suspension and their tilting
- The panels are filled with a specific mineral insulation
- The transverse furrings are equipped with end caps allowing the attachment of the panels
- Reversible radiant version available

Destination

Ideal for: structuring the ceiling volume as an acoustic complement in open-plan offices.

Clearance section



TILTING ACOUSTIC ISLAND SYSTEM ON FURRINGS

STEEL B ISLAND [PLAFOMETAL-FH-120]



- Acoustic : excellent acoustic properties
- Aesthetic : suitable for alignment with facade grids

- Installation: simple and economical on suspension to be fitted with hanging end caps
- Opening : Tilting panel, suitable for the reversible radiant version

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Panel length = island width	Panel width" x N = island length	
	STEEL B ISLAND Panel*	40	On request. Dimension between 600 and 1200 mm.	1200	Galvanized steel thk. 0,7 mm
	1800				
	2400				
	Acoustic complement	depending on panel			see ALPHA PLUS offer
	F45 suspension (non Plafometal)	To be cut to length. = acoustic island width - 106			-
	Suspension hanger (non Plafometal)	-			-
	Pivot end cap	-			Steel thk. 1.5 mm

* Refer to the product sheet ** Others on request

Selection of upper fixings for suspension devices: it is up to the installation company (ceiling installer) to select the upper fixings for the suspension devices according to the load requirements to be considered and the nature of the fixing supports, in accordance with Annex B of standard NF EN 13964: 2014. Maximum indicative weight of the system (all options, including reversible radiant) : less than 25 kg/m².

Thermal

Details in the dedicated brochure.

Acoustic filling

Specific sound insulation encapsulated or surfaced.

Acoustic

according to standard EN ISO 11654

High equivalent sound absorption area (Aeq): ratio m² sabin / m² of the product up to 1.8 in speech frequencies.

The Aeq - defined as the product of the acoustic absorption coefficient and the measured panel surface - is an imaginary area given in m² with an α sabin absorption coefficient of 1 per frequency band.

Acoustic performance subject to chosen perforation and suspension height.

Light reflection

Up to 87%.

EPD verified

Available on the INIES database (www.inies.fr).

Reaction to fire

according to EN 13501-1
Euroclass A2-s1, d0.

Openings, integrations

Custom factory cutting on request.

Opening

Tilting by vertical push of the panel then lateral translation to release from the end caps. The panel tilts and remains suspended on the opposite end caps.

Indoor Air Quality

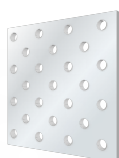
Class A+, with specific encapsulated insulation Class A, with specific surfaced insulation.

Perforations

Void percentage, shape in mm and hole arrangement.

11% Ø1.5 M

22% Ø1.5 M



Perforations on steel. The perforation is total.

Colors

Polyester powder post-coated steel

- White RAL 9003
- White RAL 9010
- White RAL 9016

180 RAL shades available on request



2

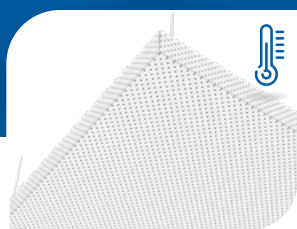
FIXED ACOUSTIC ISLAND



- Acoustic islands made up of a single metal panel suspended by cable or threaded rod
- Several aesthetic options: panel shapes, colors, centered or corner hangers, straight or sloped edges, rear closure cover, ...
- Accessories allowing the connection of acoustic islands in several directions

FIXED SUSPENDED ISLAND SYSTEM

STEEL F ISLAND
[PLAFOMETAL-FH-210]

**Acoustic**

according to standard EN ISO 11654

High equivalent absorption area (Aeq): ratio m^2 sabin / m^2 of the product up to 1.8 in speech frequencies.

The Aeq - defined as the product of the acoustic absorption coefficient and the measured panel surface - is an imaginary area given in m^2 with an α sabin absorption coefficient of 1 per frequency band.

Acoustic performance subject to chosen perforation and suspension height.

**Light reflection**

Up to 87%.

**Reaction to fire**

according to standard EN 13501-1

A1 and A2-s1,d0.

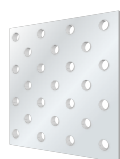
**EPD verified**

Available on the INIES database (www.inies.fr).

**Perforations**

Void percentage, diameter in mm and hole arrangement.

11% Ø1.5 M



22% Ø1.5 M

The perforation is total



Perforations on steel. The perforation is total.

**Colors**

A range of 3 color palettes perfectly in line with current trends.

The "Soft Touch" matte textured finish brings warmth to the metal by creating depth for a premium tactile feel.

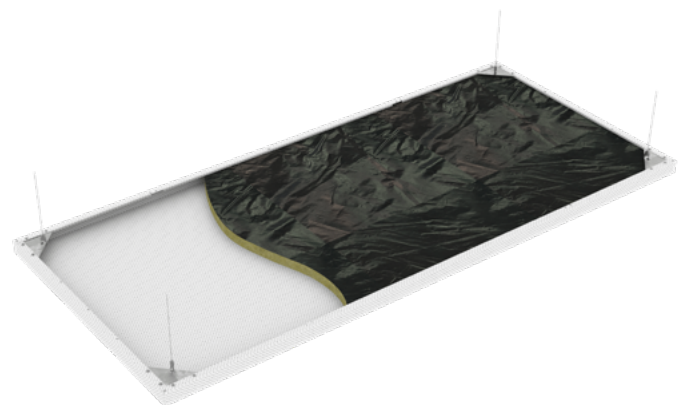
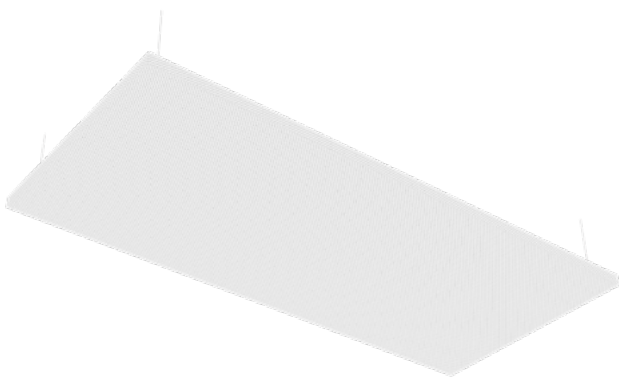
All these styles can be coordinated with each other to create effects in the most varied styles:

- Monochromes
 - Touches of bright colors in a neutral set
 - Alternating colors, vary the possibilities to find the perfect and unique combination for your projects
- 180 RAL shades are also available on request - Polyester powder post-coating.

FIXED ISLAND SYSTEM SUSPENDED

STEEL F ISLAND
[PLAFOMETAL-FH-210]

Overview - Bottom & top



Description

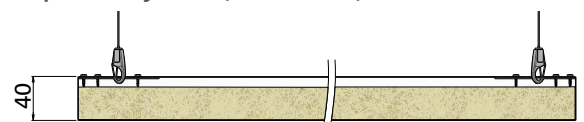
- Ceiling acoustic island made up of a panel suspended by cables or threaded rods
- Steel panels with straight edges and sharp corners
- The panel is equipped in its corners with plates allowing its suspension with cables or threaded rods
- The panel is filled with a specific mineral insulation
- Accessories allow the connection of acoustic islands in several directions
- Optional: the panel can be fitted with centered hanging points; its edges can visually disappear by being sloped at 60° or 45°; it can be equipped with a rear cover if visible from above (mezzanine); possibility of custom shapes
- Reversible radiant acoustic island version available

Destination

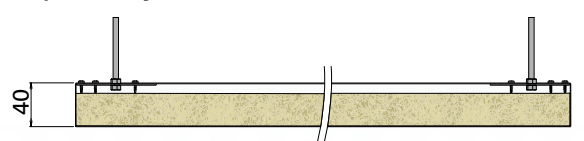
Ideal for: structuring the ceiling volume as an acoustic complement in open-plan offices.

Clearance section

Suspension by cable (outside DTU)



Suspension by threaded rod



Dimensions in mm

FIXED ISLAND SYSTEM SUSPENDED

STEEL F ISLAND [PLAFOMETAL-FH-210]



- **Acoustic** : excellent acoustic properties
- **Aesthetics**: discreet suspension, shape and colour options, 60° or 45° sloped edges for a lighter look, acoustic island connection

- **Installation**: quick by cables or by threaded rods

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length"	
	STEEL F ACOUSTIC ISLAND panel*	40	On request. Dimension between 600 and 1200 mm.	1200	Galvanized steel thk. 0,7 mm
	1800				
	2400				
	Acoustic complement	depending on panel			see ALPHA PLUS offer
	Cable + hook (outside DTU) or threaded rod (non Plafometal)	On request			-

* Refer to the product sheet ** Others on request

Selection of upper fixings for suspension devices : the installation company (ceiling installer) must select the upper fixings for suspension devices according to the load requirements to be considered and the nature of the fixing supports, in accordance with Annex B of standard NF EN 13964: 2014. Maximum indicative weight of the system (all options, including reversible radiant) : less than 25 kg/m².



Thermal

Details in the dedicated brochure.



Acoustic filling

ALPHA PLUS offer: specific acoustic insulation, bagged or surfaced.



Acoustic

according to standard EN ISO 11654

High equivalent absorption area (Aeq): ratio m² sabin / m² of the product up to 1.8 in speech frequencies.

The Aeq - defined as the product of the acoustic absorption coefficient and the measured panel surface - is an imaginary area given in m² with an α sabin absorption coefficient of 1 per frequency band.

Acoustic performance subject to chosen perforation and suspension height.



Light reflection

Up to 87%.



EPD verified

Available on the INIES database (www.inies.fr).



Reaction to fire

according to EN 13501-1

Euroclass A2-s1, d0.



Openings, integrations

Custom factory cutting on request.



Indoor Air Quality

Class A+, with specific bagged insulation. Class A, with specific surfaced insulation.

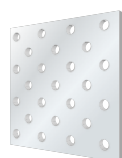


Perforations

Void percentage, shape in mm and hole arrangement.

11% Ø1.5 M

22% Ø1.5 M



Perforations on steel. The perforation is total.



Colors

A range of 3 color palettes perfectly in line with current trends.

The "Soft Touch" matte textured finish brings warmth to the metal by creating depth for a premium tactile feel.

All these styles can be coordinated with each other to create effects in the most varied styles:

- Monochromes
- Touches of bright colors in a neutral set
- Alternating colors, vary the possibilities to find the perfect and unique combination for your projects

180 RAL shades are also available on request - Polyester powder post-coating.

The Essentials



PURE WHITE
(RAL 9010)



ARCTIC
WHITE



GREY
SILVER



ASPHALT
GREY

The Tonics



BLUE
DRAGÉE



GREEN
ANISE



YELLOW
GOLDEN



VERMILION
ORANGE

The Minerals



QUARTZ
SAND



COPPER
ORANGE



BRICK RED



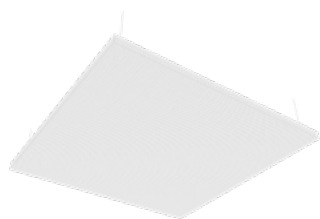
AZURITE
BLUE

*Metallic paint
The "Soft Touch" finish is applied to all colors except Pure White and Anise Green.

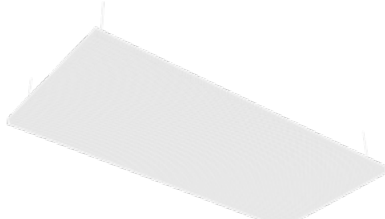
FIXED ISLAND SYSTEM SUSPENDED

STEEL F ISLAND
[PLAFOMETAL-FH-210]

Dimensions (others on request)



1200 x 1200

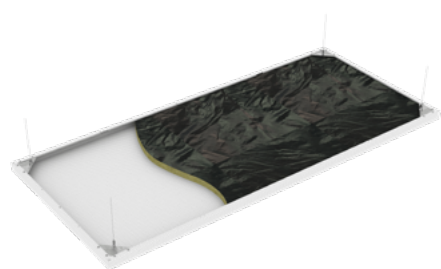


800 x 1800

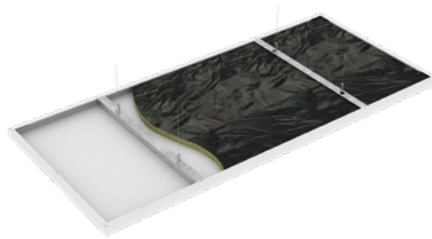


600 x 2400

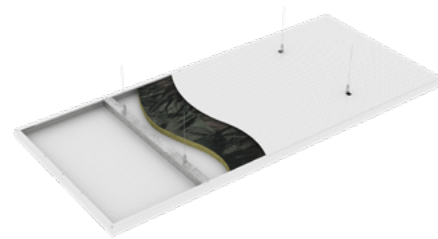
Hangers, rear cover



Hangers in the corners

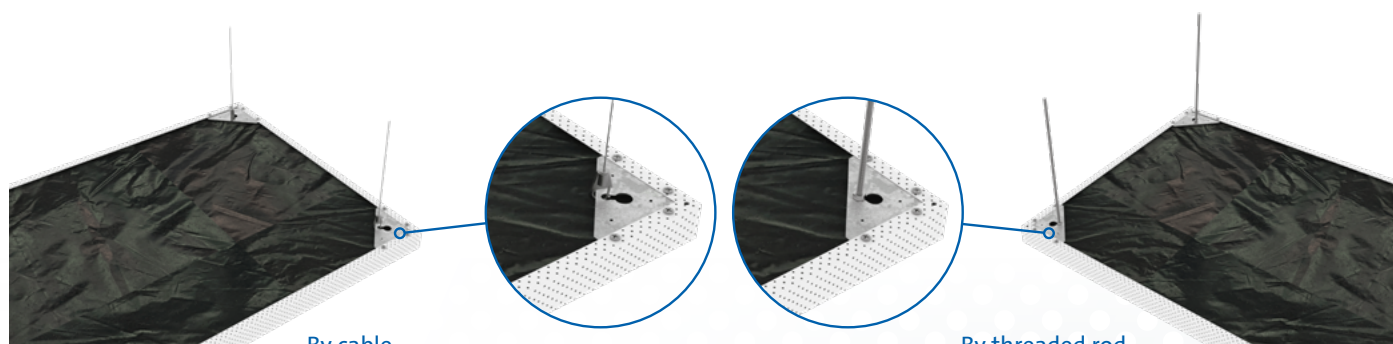


Centered hangers



Centered hangers + rear cover to hide the top view, example: mezzanine

Suspensions



By cable
(discreet, quick to install, outside DTU)

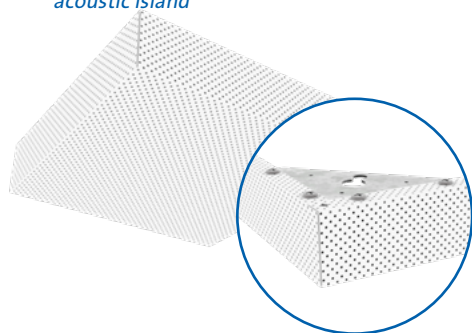
By threaded rod
(economical)

FIXED ISLAND SYSTEM SUSPENDED

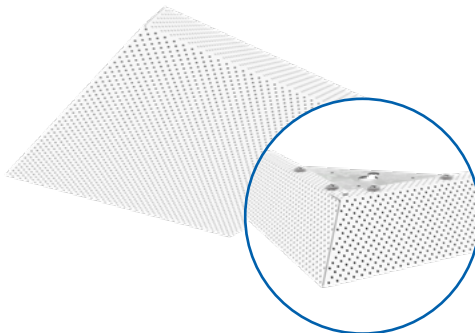
STEEL F ISLAND
[PLAFOMETAL-FH-210]

Angle options

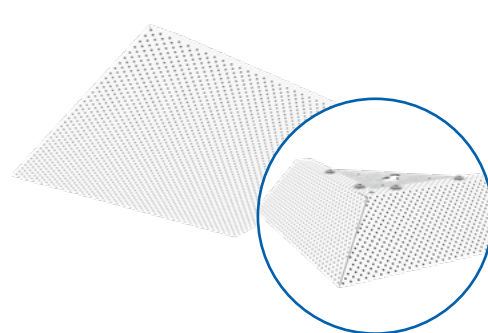
Standard 90° angle
Pronounced volume of the acoustic island



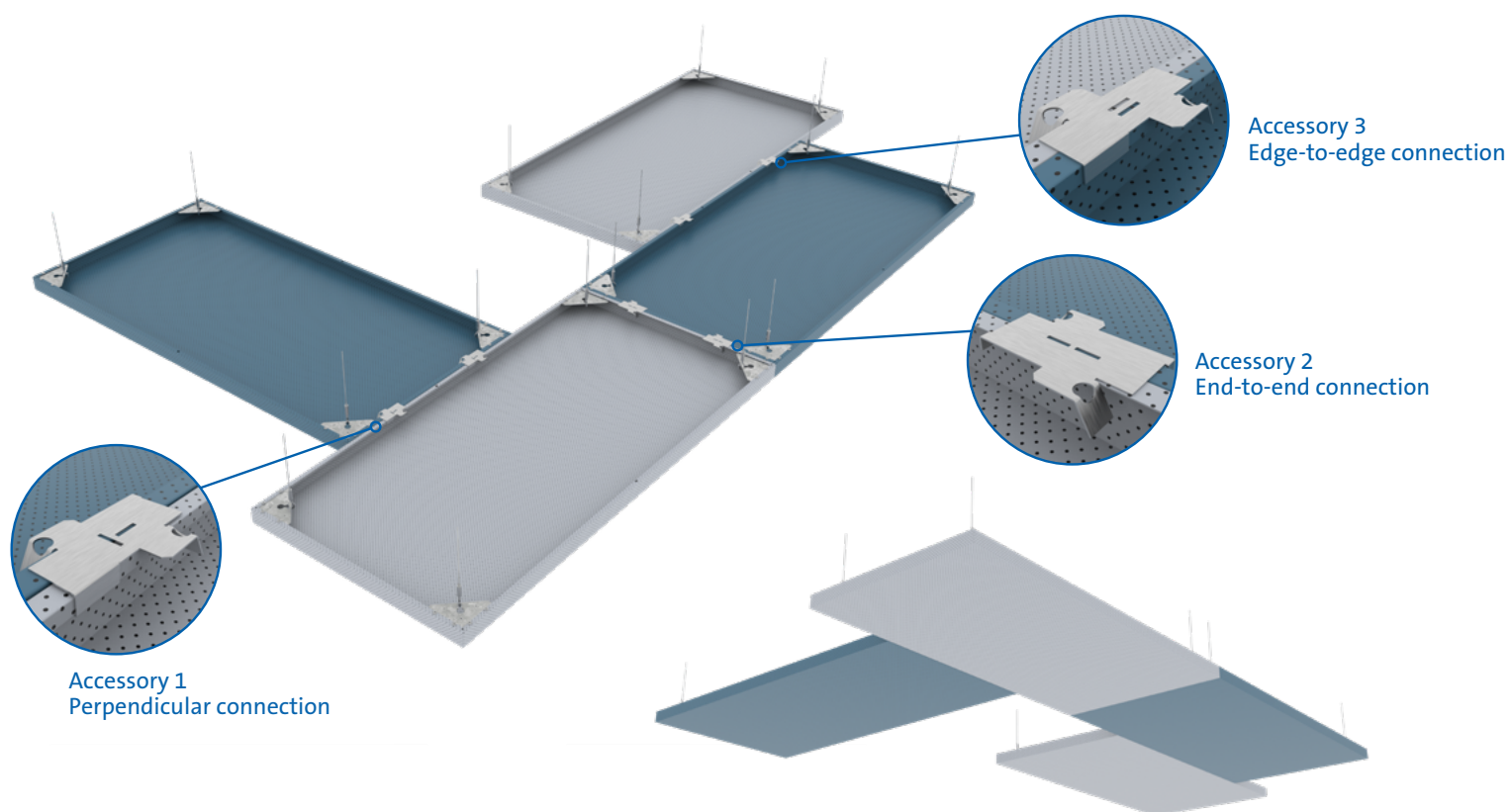
Standard 60° angle
More discreet volume of the acoustic island



Standard 45° angle
Hidden edges for an airy look



Connection accessories



DISCOVER THE SOLUTIONS
& CONTACTS ON

WWW.PLAFOMETAL.FR

PLAFOMETAL