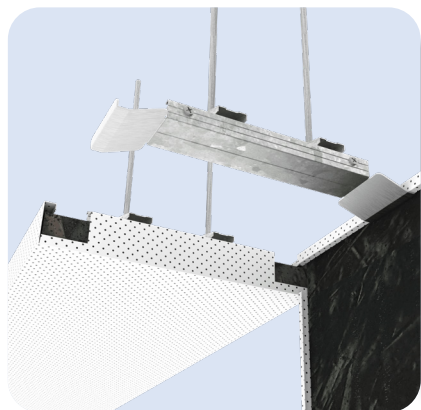


STEEL B island

Ceiling islands of panels installed on a semi-exposed or concealed suspension system



- Designed to be suspended from a semi-exposed or concealed suspension system
- Suitable for alignment with the façade grids of open-plan offices
- Allows full-height partitioning between islands

+ Products

Aesthetics: suitable for alignment with the façade grids

Practical: design freedom thanks to different suspension systems

Opening : swing-down panel, suitable for the reversible radiant version

Installation: alignment on continuous J profiles or furring channels with attachment ends

Acoustics: excellent acoustic properties

Ideal for: structuring the volume in open-plan offices

Associated systems

- CEILING ISLANDS
flot tilting
Tilting island system on J profiles - STEEL B
[PLAFOMETAL-FH-110]
- CEILING ISLANDS
flot tilting
Tilting island system on furring channels -
STEEL B
[PLAFOMETAL-FH-120]

Characteristics and Performance



Light reflectance
Up to 87%



Acoustics
(according to EN ISO 11654)
High equivalent absorption area (A_{eq}):
sabin m^2 / m^2 of product ratio up to 1.8 in
speech frequencies. A_{eq} , defined as the
product of the sound absorption coefficient
and the measured panel area, is an imaginary
area given in m^2 with a sabin absorption
coefficient α of 1 per frequency band.
Acoustic performance depends on the
selected perforation and suspension height.



Heating or cooling ceiling option available;
please contact us.



Indoor air quality

Class A+ for all products in the offer
ALPHA PLUS, with specific bagged insulation.
Class A for all products in the ALPHA PLUS offer, with
specific faced insulation.



Resistance to disinfecting chemicals

(according to EN 12720 and ISO 11998)
Metal ceilings are resistant to disinfectants containing
2.5% sodium hypochlorite, 6% hydrogen peroxide, or
70% ethanol. Refer to the "Maintenance" page in the
appendices for more details.



Reaction to fire (according to EN 13501-1)
Euroclass A2-s1,d0



Verified FRENCH ENVIRONMENTAL AND HEALTH
DECLARATION (FDES) available on the INIES database
(www.inies.fr) and [directly accessible](#) on our website

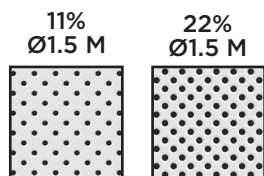


CE marking (according to EN 13964)
Declaration of Performance (DoP) No.: 0007-200

Colors

- White (RAL 9003, 9010, 9016)
Polyester powder post-coating
- 180 RAL colors available on request
Polyester powder post-coating

Perforations



Scale 1:2 The perforation of the islands is total.

Dimensions & Packaging

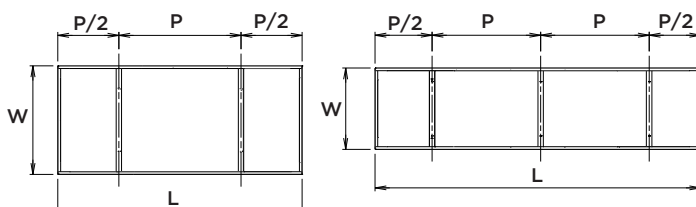
Dimension (in mm)			
Panel width* x N = island length	1200	1800	2400
Panel length = island width	Upon request. Recommended dimension between 600 and 1200 mm		
Height	40		
Packaging			
Please contact us			

Steel panel (0.6 or 0.7 mm thick)

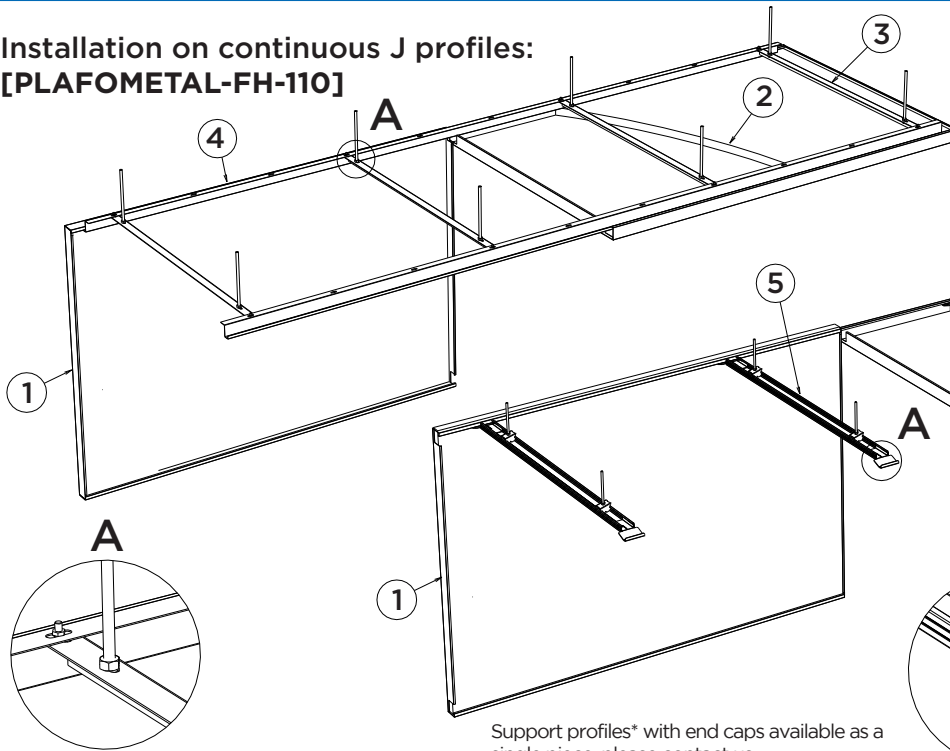
* Other dimensions available on request

Cross profiles according to dimensions

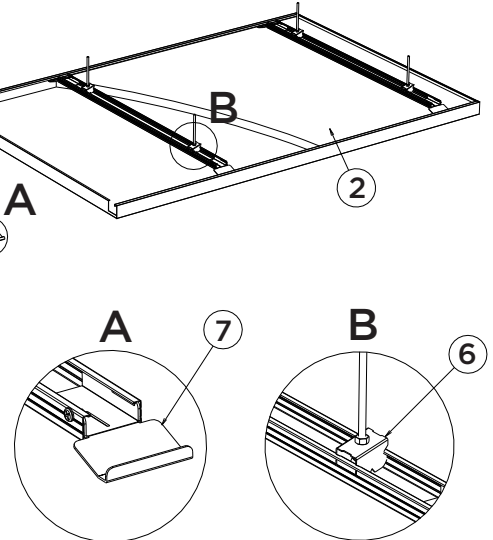
Width (W)	Length (L)				
	0	≤ 1200	≤ 1800	≤ 2400	≤ 3000
≤ 600		$P = L/2$	$P = L/2$	$P = L/2$	$P = L/3$
≤ 800		$P = L/2$	$P = L/2$	$P = L/3$	$P = L/3$
≤ 1200		$P = L/2$	$P = L/3$	$P = L/3$	$P = L/3$



Installation on continuous J profiles: [PLAFOMETAL-FH-110]



Installation on furring channels: [PLAFOMETAL-FH-120]



Support profiles* with end caps available as a single piece, please contact us.

N°	Drawing	Item code	Component	Sales unit	Billing unit	Quantity (in billing unit)	
1		Please contact us	ÎLOT STEEL B panel	Piece	Piece	1	Piece
2		Please contact us	Acoustic infill	Piece	Piece	1	
3		Please contact us	ÎLOT STEEL B support L profile* Length island width - 60 mm	Piece	Piece	2 to 3 / islands depending on dimensions, see "Cross profiles" opposite	
4		Please contact us	Attachment J profile ÎLOT STEEL B**	Piece	ml	2 / island length	
/		Please contact us	J profile splice (optional) Length island width - 60 mm	Piece	Piece	Depending on dimensions, see "Cross profiles" opposite	
5		Not Plafometal	F45 furring channel (to be cut) Length island width - 106 mm	/	Piece	2 to 3 / islands depending on dimensions, see "Cross profiles" opposite	
6		Not Plafometal	Furring channel hanger*	/	Piece	4 to 6 / islands depending on dimensions, see "Cross profiles" opposite	
7		P6700031N	Swivel end***	Piece	Piece	4 to 6 / islands depending on dimensions, see "Cross profiles" opposite	Piece
Option		Please contact us	ÎLOT STEEL B support L profile* with integrated ends (2 versions)	Piece	Piece	2 to 3 / islands depending on dimensions, see "Cross profiles" opposite	

* to be suspended with 6 mm dia. threaded rod and M6 nuts (not supplied) ** to be assembled to the L support profile with M6 bolts (not supplied) *** to be fixed to the furring channel with self-drilling screw

Installation - Also refer to the detailed recommendations in the "appendices"

Installation on continuous J profiles: the support L profiles (length = island width - 60 mm) are spaced according to the island dimensions (see opposite), with suspension points at centers = island width - 200 mm. Align and secure the attachment J profiles. Install the panels from below by slightly opening the end folds.

Installation on furring channels: the F45 furring channels to be cut (length = island width - 106 mm) are spaced according to the island dimensions (see "Cross profiles" opposite) with suspension points at centers = island width - 300 mm. Align and secure the swivel ends (support profiles* with ends integrated into a single element can be supplied; please contact us). Install the panels from below by slightly opening the end folds.

Cutout: customized factory cutout available on request.

Opening: tilt the panel by pushing it vertically, then move it laterally to clear the attachment profile/swivel ends. The panel tilts and remains suspended from the opposite profile/end(s). Reinstall in reverse order, ensuring alignment of one element with the other.