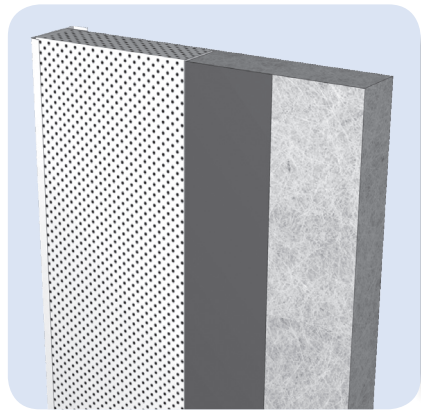


Acoustiroc®

Acoustic metal wall panel



- Wall-mounted acoustic correction system of perforated and painted metal panels lined with an acoustic fleece and mineral wool, framed by an aluminum frame.

Key product features

Acoustics: high degree of correction, absorption factor α_w up to 1

Impact resistance: tested according to standard NF P 08-301

Aesthetics: 3 perforations styles and 12 “Soft Touch” colours available, for vertical and horizontal installation

Ideal for: busy premises (schools, lobbies, etc.)

Related systems

- WALL PANELS
ACOUSTIROC® wall panel system
[PLAFOMETAL-WP-110]

Characteristics and performance



Acoustics

Acoustiroc® ORION perforation: $\alpha_w = 1$ NRC: 0.95

Acoustiroc® INFINITY and ASTRAL perforation: $\alpha_w = 0.95$ NRC: 0.90



Indoor air quality

Class A (France)

M1 rating (Finland)



Reaction to fire (according to EN 13501-1)

Euroclass A2-s1, d0



Impact resistance

Acoustiroc® panels have been tested against standard NF P 08-301:

- Soft body impact test (a 50-kg bag): withstands up to 400 J
- Tennis ball impact test: withstands up to a ball speed of 180 kph



Verified EPD available in the INIES database (www.inies.fr)

Colors

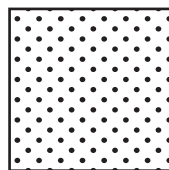
- A range of **12 modern colors** is available, drawing their inspiration from the latest trends with a high-end Soft Touch finish: see the dedicated brochure

Perforations

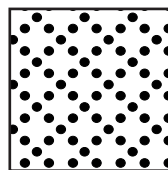
Acoustiroc® ORION
25% dia. 3 to 7
(round, irregular)



Acoustiroc® INFINITY
11% dia. 1.5
(round, regular)



Acoustiroc® ASTRAL
17% dia. 2.5
(round, regular)



Scale 1:2

The perforations being continuous over the height of the panel, their alignment is random from one panel to another, this doesn't interfere with the overall visual effect once the panels are installed.

Dimensions & Packing

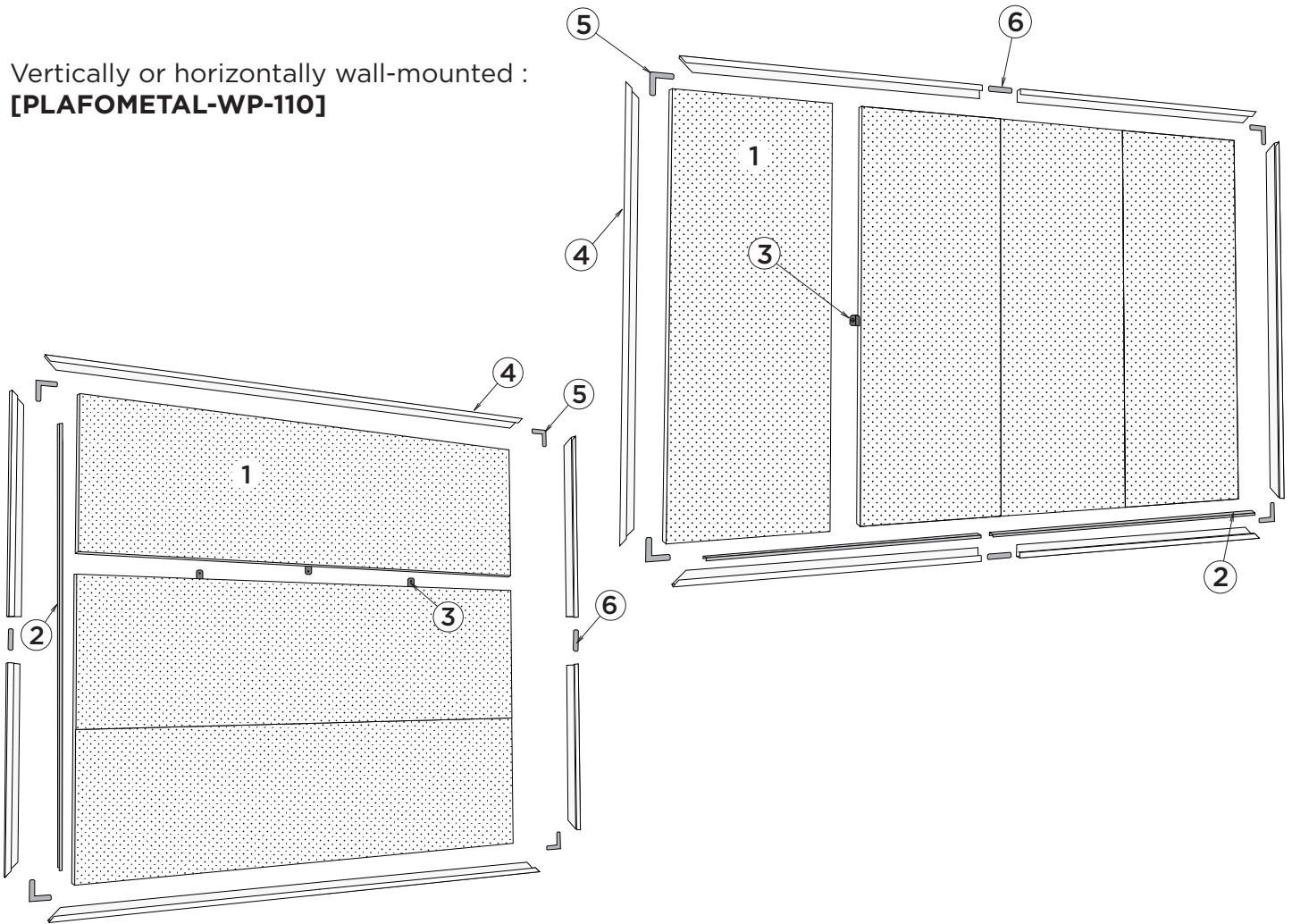
Dimensions (mm)	
Width	790
Height*	2,700
Thickness	40
Packaging	
Units/pack	2
m ² /pack	4.27
Packs/pallet	8
Weight (gross kg/pack)	39 to 41

Galvanized steel panel (0.8 mm-thick)

*Other dimensions on request (2,100 to 3,900 mm)

Each pack of panels (pack 1.1) also includes a pack containing the clips and wedge (pack 1.2).

Vertically or horizontally wall-mounted :
[PLAFOMETAL-WP-110]



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity
1		Contact us	Panel 790 x 2,700 x 40 mm	Pack 1.1 (2 panels)	m ²	4.27 m ² / pack
2		Contact us	Wedge 13 x 38 x 13 leng. 1,580 mm	Pack 1.2 (1 wedge)	Included with the panels	0.5 units per panel
OR		Contact us	Aligning clip for vertical installation	Pack 1.2 (4 clips)	Included with the panels	1 to 2 units per panel
		Contact us	Wall fixing clip for horizontal installation	Pack 1.2 (6 clips)	Included with the panels	3 units per panel
4		Contact us	Aluminum profile 65 x 46 x 30 leng. 2,800 mm	Pack 2 (6 units)	lm	Depending on the perimeter
5		Contact us	Angle connector	Pack 2 (6 units)	Included with the profiles	4 per frame
6		Contact us	Straight connector	Pack 2 (6 units)	Included with the profiles	Depending on the perimeter

Installation according to the installation guide

Vertical or horizontal wall-mounting: refer to the "Acoustiroc® installation guides" (paper or video) for further information.

Cut-outs: panels can be cut at the worksite to accommodate various fittings. The contractor must take care to ensure that the cut edges are covered (by the fitting or profiles).