

# Acoustiroc®

## METAL ACOUSTIC WALL PANEL

Edition 2



$\alpha_w$  up to 1



Proven impact  
resistance



Wide aesthetic  
choices

**PLAFOMETAL**

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# Discover the Acoustiroc® system!



In busy premises (schools, industrial facilities, etc.), it is essential to take into consideration the comfort of both their occupants and building owner.

Such types of establishments must reconcile several needs: acoustic correction, aesthetics, impact resistance and ease of maintenance and upkeep.

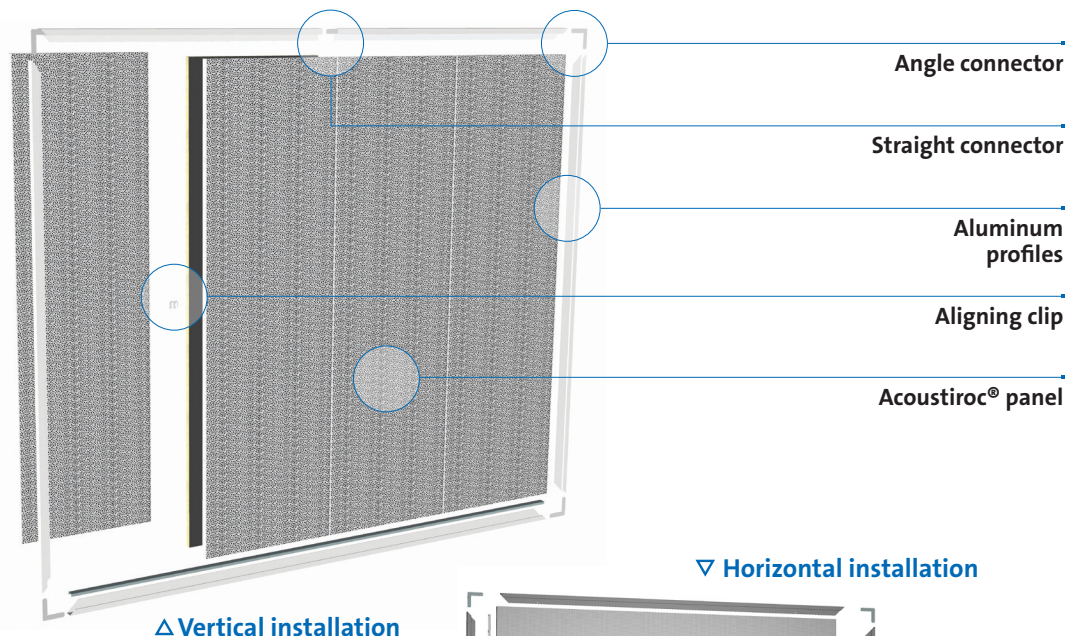
Plafometal offers a solution that addresses all these requirements: Acoustiroc® is an acoustic metal wall panel system made of perforated painted metal panels filled in with acoustic fleece and mineral wool, framed by aluminum profiles.

The Acoustiroc® system can be installed in any type of building and is particularly recommended:

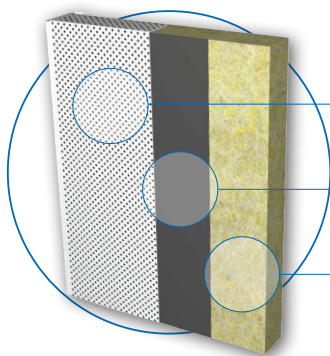
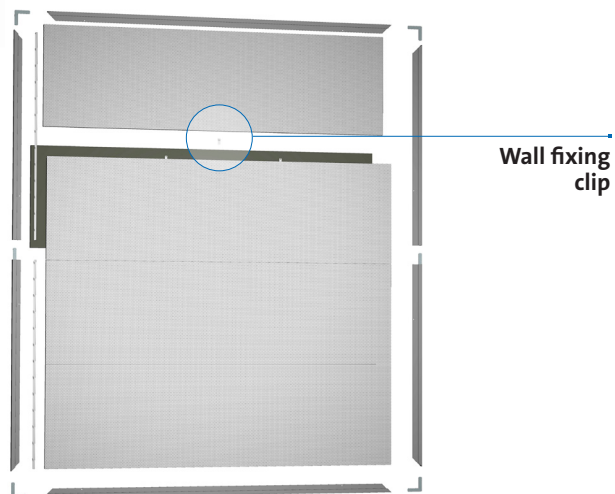
- **in schools (canteens, corridors, gyms, etc.)**
- **in the lobbies and corridors of public-access buildings (hotels, restaurants, collective housing, etc.)**
- **in equipment rooms (industrial environment, room housing noisy equipment, etc.)**



# Composition of the Acoustiroc® system



## ▽ Horizontal installation



## The +

- **High acoustic correction**  
High acoustic correction:  $\alpha_w$  up to 1
- **Proven impact resistance**  
to various everyday objects (standard NF P08-301)
- **Wide aesthetic choices**  
3 perforations and a choice of 12 “Soft Touch” colors  
Vertical or horizontal installation
- **Indoor Air Quality A and Finnish label M1**

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# From procurement to life with the finished product, Acoustiroc® meets everyone's expectations



## **Building owners and project managers:**

- Quick and easy work
- Clean work site
- Comfort and well-being for the occupants
- Comfort for the project manager: impact resistance, easy maintenance and cleaning

## **Specifiers:**

- Easy solution to explain
- Effective and robust acoustic correction system
- Aesthetic: wide choice of modern colors and creative options
- Impact resistance

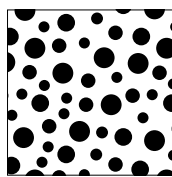
## **Installers:**

- Quick and easy to install
- Easy to order, simple procurement process
- All-inclusive solution supplied in kit form
- Small quantities (minimum order: 1 package = 2 panels)

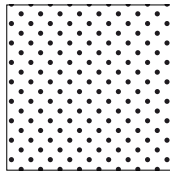
# A solution for everyone's comfort!

## Acoustics

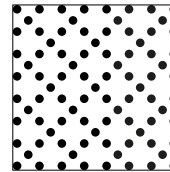
- A good acoustical environment makes a place more comfortable but also more conducive to calmness, work, confidentiality...
- Capitalizing on its experience in acoustic metal ceilings, Plafometal has designed an extremely effective wall panel solution addressing the issue of acoustic correction. The perforated metal panels with suitable filling absorb sound energy and thereby offer the highest levels of sound absorption performance.



**Acoustiroc®  
ORION**  
25% Ø3 to 7  
(round, irregular)  
 $\alpha_w = 0,95$   
NRC : 0,95



**Acoustiroc®  
INFINITY**  
11% Ø1,5  
(round, regular)  
 $\alpha_w = 0,90$   
NRC : 0,90



**Acoustiroc®  
ASTRAL**  
17% Ø2,5  
(round, regular)  
 $\alpha_w = 0,90$   
NRC : 0,90

## Aesthetics

- The colors influence perception and enhance the visual comfort and personality of the place. They create an atmosphere, structure the volumes and thereby make the interior of a building particularly vibrant.
- **The Acoustiroc® panel has been designed to give free rein to creativity, with:**
  - **3 perforations:**
    - **Acoustiroc® ORION:** brings a particularly creative result
    - **Acoustiroc® INFINITY:** ensures a very discreet rendering
    - **Acoustiroc® ASTRAL:** introduces a touch of originality

*As the perforation is continuous over the height, these perforations are randomly aligned from one panel to the next; this does not interfere with the overall visual rendering once the panels have been installed.*

■ **A range of 12 modern colors**, drawing their inspiration from current trends, with a high-end “Soft Touch” finish. These colors can be combined with one another to create countless combinations, for totally customized projects.

■ **2 installations options**, vertical or horizontal

## Impact resistance

- **The Acoustiroc® panels** have been tested according to standard NF P 08-301.
  - Soft body impact test (50 kg bag): withstands up to 400 J
  - Impact test with a tennis ball: withstands up to a ball speed of 180 kph



## Environmental qualities

- **The Acoustiroc® panel is made of recyclable materials:**
  - The steel and aluminum can be recycled indefinitely without altering their qualities. Steel is the most recycled material in the world, while recycled aluminum meets nearly 40% of worldwide demand.
  - Mineral wool is recyclable, and the vast majority of production waste is recycled. 45% of the wool content in Acoustiroc® panels is recycled.



# A range of contemporary colors for totally customized projects!

Current trends have inspired 3 color palettes that are right on trend. From the most timeless to the most vibrant colors, these 12 tones will sublimate your creations.

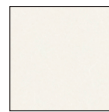
All these moods can be coordinated to create the most varied stylistic effects. Monochrome walls, touches of vibrant color in a neutral setting, or alternating colors, vary the means to find the perfect and unique combination for your projects.

## The Essentials for an Urban style

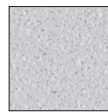
- Contemporary, urban and industrial tones
- A graphic range of timeless grays, from the lightest to the darkest



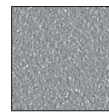
### The Essentials



BLANC PUR  
(RAL 9010)



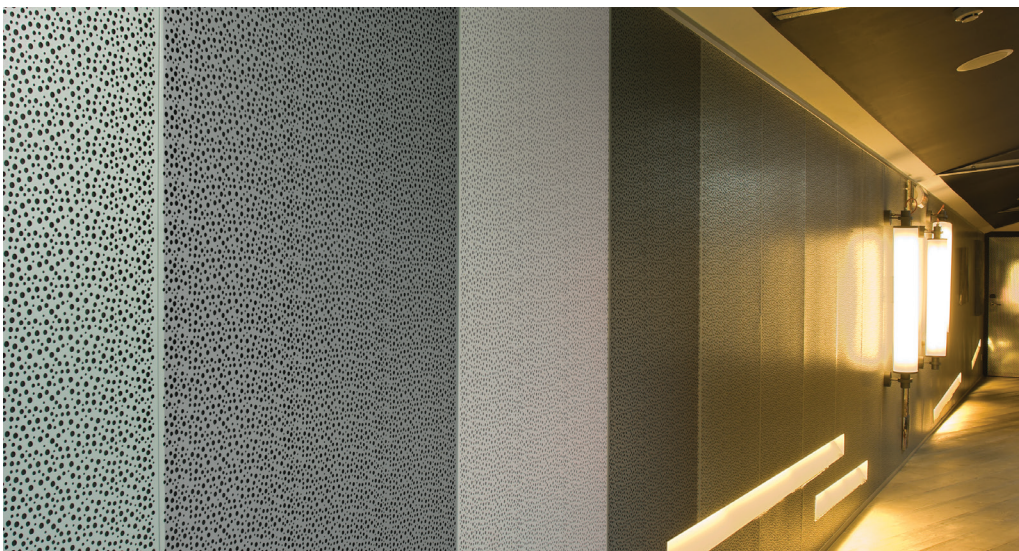
BLANC  
ARCTIQUE



GRIS  
ARGENT



GRIS  
ASPHALTE

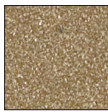


## The Minerals for a Chic & Elegant spirit

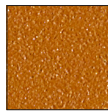
- 3 warm tones and 1 cool tone
- Powdery colors for a classic and high-end atmosphere



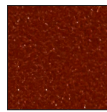
### The Minerals



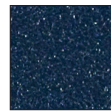
SABLE  
QUARTZ



ORANGE  
CUIVRÉ



ROUGE  
BRIQUE

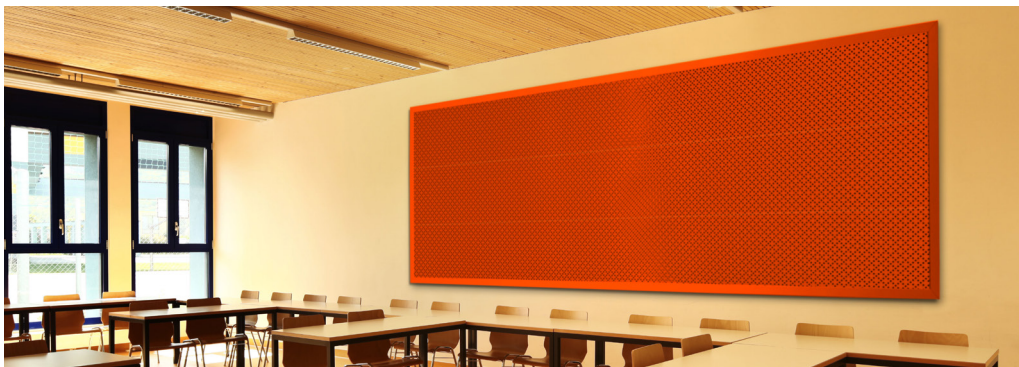


BLEU  
AZURITE

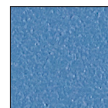


## The Tonics for a Vibrant atmosphere

- A balanced range with invigorating, vivid and stimulating accents
- Colors right on trend, youthfulness, playful, and eccentric



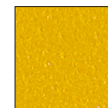
### The Tonics



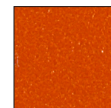
BLEU  
DRAGÉE



VERT  
ANIS



JAUNE  
D'OR



ORANGE  
VERMILLON

### The +

- The **"Soft Touch" finish** adds a high-end touch and feel to these colors specifically selected by Plafometal.

**This matt textured finish adds warmth to the metal by creating depth.**

It applies to all colors, except for Blanc Pur and Vert Anis.

*Non-contractual colors.*

*The finish may vary depending on the perforations.*

*Contact your sales advisor to see a sample.*






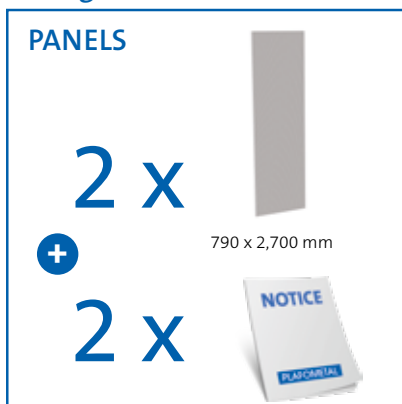


# Practical packaging in a kit

## Acoustiroc® system components

	Description <i>Dimensions</i>	Quantity	Packaging	
	<b>Acoustiroc® panel</b> 790x2,700x40 mm	Depends on configuration	Package no. 1.1 (Panels)	2 panels per package
	<b>Wedge</b> 13x38x13 Length 1,580 mm	0.5 per panel	Package no. 1.2 (Panel installation kit)	1 wedge per package
	<b>Clip for vertical installation</b>	1 to 2 per join		4 clips per package
	<b>Clip for horizontal installation</b>	3 per pannel		6 clips per package
	<b>Aluminum profile</b> 65x46x30 Length 2,800 mm	Depends on configuration	Depends on configuration	6 profiles per package
	<b>Angle connector</b>	4 per frame		6 units per package
	<b>Straight connector</b>	Depends on configurations		6 units per package

Package no. 1.1



Package no. 1.2



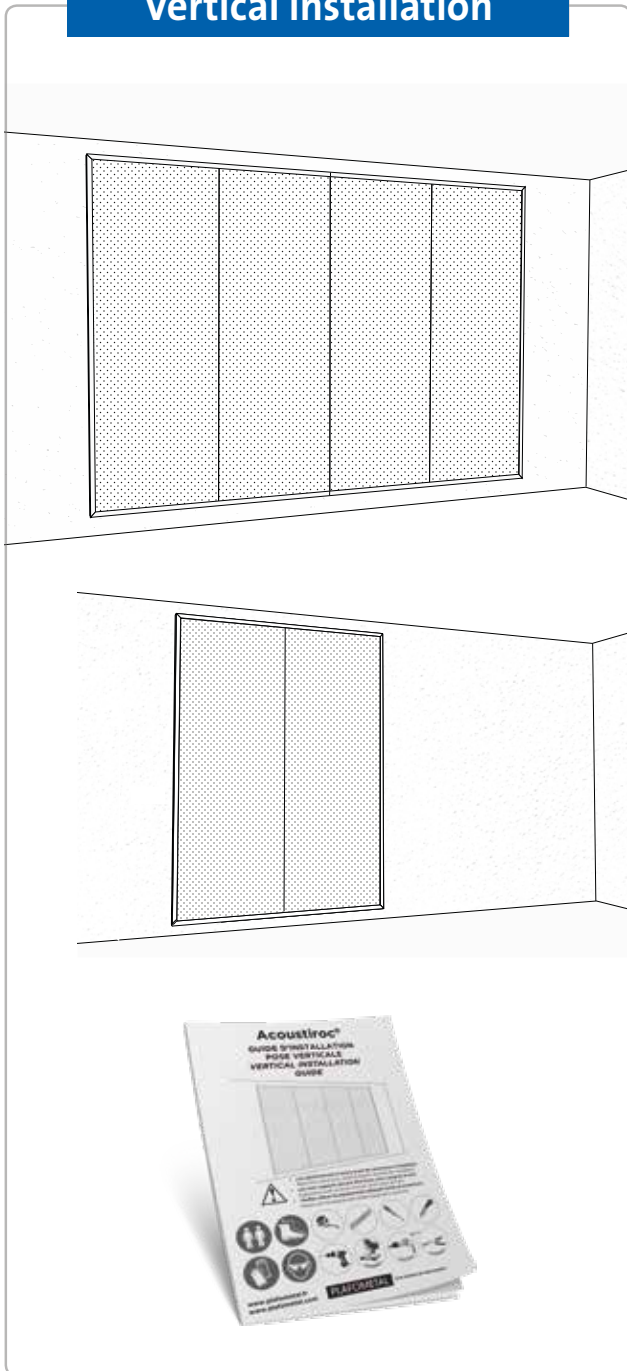
Package no. 2



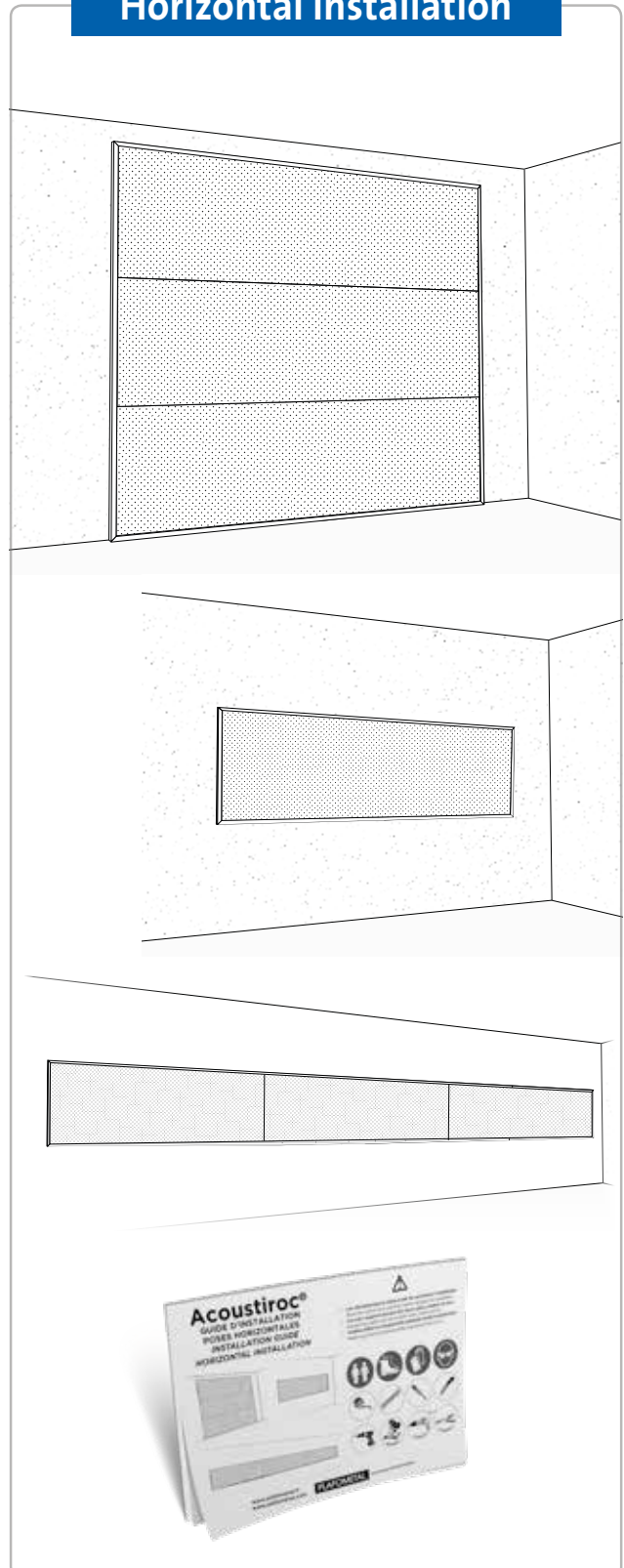
Packages 1.1 and 1.2 are inseparable

# Different installation options for more aesthetic choices

## Vertical installation



## Horizontal installation



- Easy to install in just a few steps
- Refer to the available installation instructions on [www.plafometal.com](http://www.plafometal.com) and in paper version in each package
- Easy to clean at the end of the job and during product life

# Swift and efficient logistics!

## 2 offers meeting all needs

- Easy to order
  - Small quantities (Minimum order: 1 package = 2 panels)
- Conditions valid in metropolitan France and while stocks last



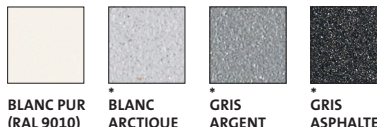
### Standard offer

- **Color:** 12 selected Plafometal colors
- **Dimensions:** 2,700x790x40mm
- **3 perforations:** Acoustiroc® Orion, Acoustiroc® Infinity or Acoustiroc® Astral
- **Lead time:**
  - 2 to 3 weeks for Blanc Pur (White - RAL 9010)
  - 3 to 4 weeks for the 11 other colors in the range
- **Terms of delivery:** Contact us
- **Minimum quantity:** 1 package (2 panels)

### Other colors and heights to order

- **Color:** Powder coating to order in the RAL color chart
- **Dimensions:** Height to order  $2.1\text{m} \leq H \leq 3.9\text{m}$
- **3 perforations:** Acoustiroc® Orion, Acoustiroc® Infinity ou Acoustiroc® Astral
- **Lead time:** Contact us
- **Minimum quantity:** 1 pallet (8 packages) - contact us

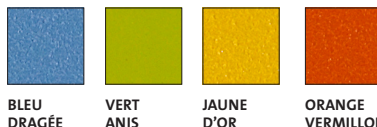
#### The Essentials



#### The Minerals



#### The Tonics



\* Metallic paint  
The "Soft Touch" finish is applied to all colors except Blanc Pur and Vert Anis.



CUSTOMER SERVICE

+33 (0)3 24 59 54 18





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your sales contacts  
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