



Blaber panels

Lighting and acoustic comfort:
two functions, one single panel



BENEITO FAURE®

passion for led light

Blaber, the range of PET felt acoustic panels

Blaber is a range of acoustic panels made from PET felt, with some models designed to integrate with a line of luminaires, designed to achieve maximum acoustic comfort for your projects by eliminating reverberation. The primary objective of the Blaber range is to eliminate residual sound present in almost any environment.

Discovering the sound of silence transforms spaces, making them more enjoyable for working, resting, or simply appreciating the tranquility of a noise-free, reverberation-free place.

It has been proven that a healthy auditory environment enhances productivity and facilitates communication between people. Moreover, acoustic comfort and regulations on maximum noise levels make achieving optimal sound quality more important than ever.

Customisation in sizes and colours

Blaber offers a wide range of models in various shapes and colours, adapting to the needs of any space. Some models incorporate a line of luminaires, perfectly combining functionality and design. With 20 customisable colours and 6 standard options available, each panel can be tailored to suit different styles and requirements.



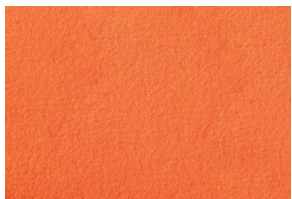








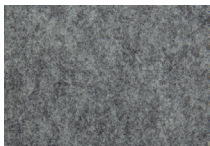
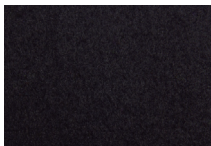










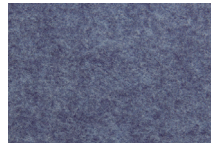
Customised colours

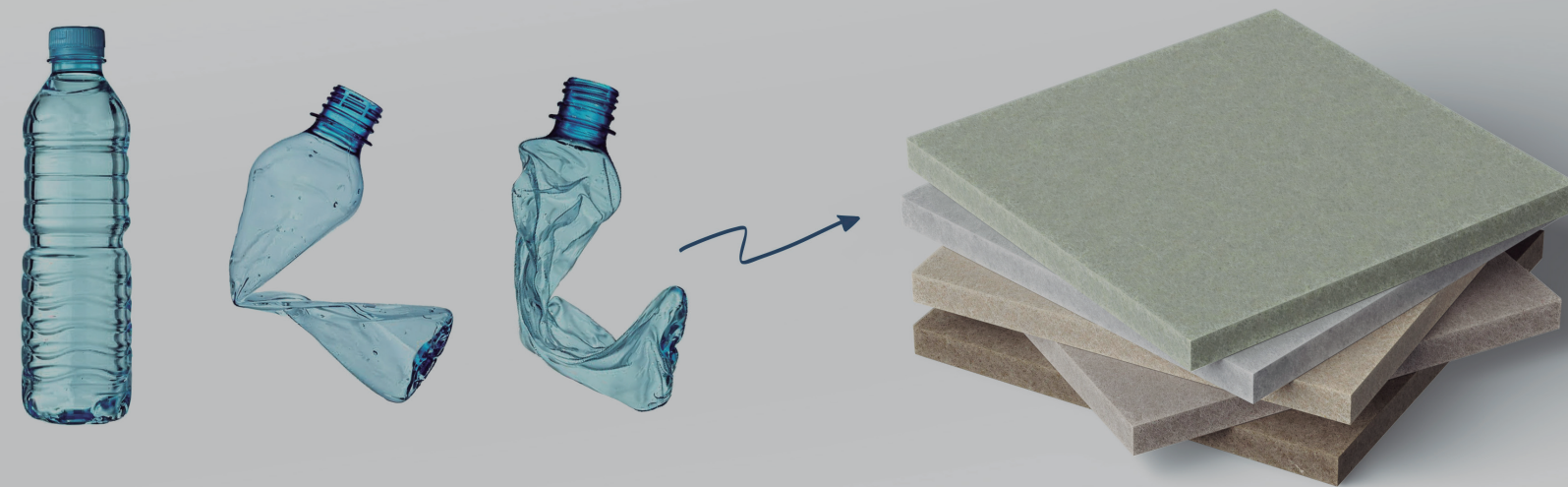
Which one do you choose?

Standard colours

		
6	8	9
		
C6	D4	D6

Custom colours

				
C1	C2	C3	C4	C5
				
C7	C8	C9	D1	D2
				
D3	D5	D7	5	



100% PET Sustainable

Each panel is made from PET felt containing a minimum of 60% recycled material, incorporating 159 recovered plastic bottles in its composition.

The Blaber range stands out for its exceptional quality and innovation. Each panel is crafted from durable, high-resistance materials to ensure a long service life. Additionally, our products are backed by a 5-year warranty, guaranteeing reliability and long-term performance, with an average lifespan of up to 50,000 hours.



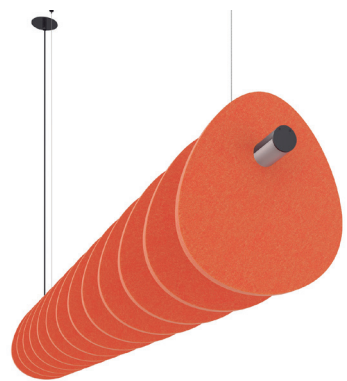
Composition
100% PET
min. 60% Recycled



Environment
Recyclable, Low
VOC, REACH, EPD



Each panel
contains 159 bottles
in recycled PET



Blaber Pick



Blaber Line



Blaber R



Blaber Custom



Blaber Sq



Blaber Mirrow



Blaber Evo



Blaber Zero Direct



Blaber Zero In XL



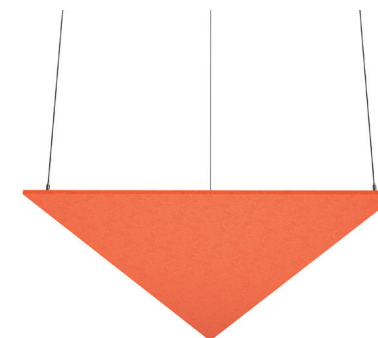
Blaber Mac



Blaber Atmos




Blaber Atmos Slim





Blaber Trgl




Blaber Tax


 Size
2440 mm x 1220 mm

 Weight
2.440 g/ m²

 Thickness
12 mm

 Fire resistance
EN 13501-1+A1: B-s2, d0

 Density
271 kg/m³

 Acoustic absorption
UNE-EN ISO 354:2004
Up to $\alpha_w = 1$ (-)
EN ISO 11654: Class A

Acoustic absorption study and optimisation of acoustic comfort

The acoustic absorption study we conduct aims to improve the acoustics of spaces by reducing reverberation and controlling sound propagation.

We evaluate absorbent materials to ensure greater sound clarity and measure the reverberation time (RT60), comparing it to the recommended values according to the type of space. Additionally, we ensure compliance with local and international acoustic regulations, such as ISO 3382, which establishes procedures for measuring and regulating acoustics in different environments.

Finally, we propose improvements in design and materials, optimising acoustic absorption through specific coefficients for each material based on its absorption capacity.

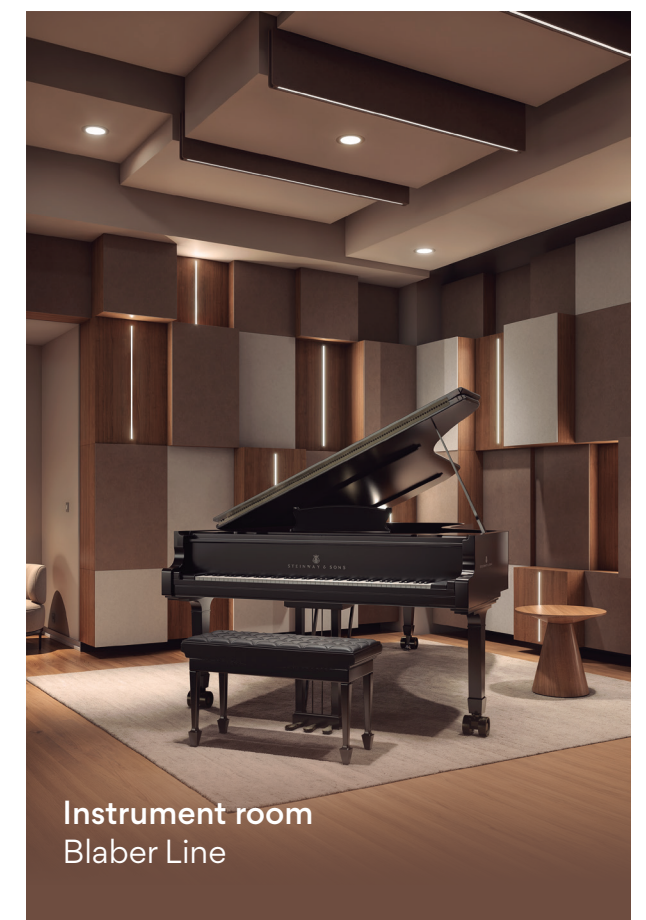
This comprehensive approach allows us to enhance the acoustics of any space, ensuring compliance with regulations while creating an environment that is both functional and suited for its intended use.



Versatility for every project

The Blaber acoustic panels are highly versatile solutions for improving acoustics in a wide variety of spaces. Their adaptable design allows them to be integrated into corporate, commercial, educational, healthcare, and hospitality environments, optimising acoustic comfort.

Blaber panels can be customised to meet the specific needs of the project, offering excellent acoustic performance along with an aesthetic finish that complements any setting.





Reading room
Blaber Round Pulsar 8W



Showroom
Blaber Line



Libraries
Blaber Round



Offices
Blaber Sq + Blaber Mirrow



Nurseries
Blaber Mac



Study area
Blaber Pick



Waiting rooms
Blaber Trgl + Blaber Tax



Restaurants
Blaber Trgl

Technical specifications

Product	Dimensions (mm) (L x P x H)		CCT	Driver
Blaber Pick	1.328/1.552/1.776/2.000 x 20 x 22,5			
Blaber Line	945/1.1225/1.505 x 300 x 55			
Blaber R	Ø400/700/900/1.000		-	
Blaber Nano Pulsar	Ø700/900/1.000			
Blaber Pulsar 8W	Ø700/900/1.000			
Blaber Oxo 12W	Ø700/900/1.000			
Blaber Tao 12W	Ø700/900/1.000			
Blaber Thessis 15W	Ø700/900/1.000			
Blaber Thessis 25W	Ø700/900/1.000			
Blaber Custom	Ø700/900/1.000		-	
Blaber Sq	595x595/1.195x595/1.195x295		-	
Blaber Mirrow	595x595/1.195x595			
Blaber Evo	595x595/1.195x595			

Product	Dimensions (mm) (L x P x H)		CCT	Driver
Blaber Zero Direct	Ø520-35W/800-55W/1.200-75W			
Blaber Zero in XL	Ø400-37W/700-65W/1.000-94W			
Blaber Mac	Ø520/700/900x55			
Blaber Atmos	Ø400/520/700			
Blaber Atmos Slim	Ø400/520/700			
Blaber Trgl	600x600x600 840x840x840		-	
Blaber Tax	600x600x600 (52W) 840x840x840 (64W)			

Legend

	2.700K		1.800K-4.000K		Tuya		Dali
	3.000K		2.700K-5.500K		Casambi		Push
	4.000K		RGB-W				

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