

# BAFEO

Acoustic solutions

# #IFeltGood

At BAFEO, we create acoustic solutions such as round ceiling baffles, acoustic clouds, vertical ceiling baffles, ribbed ceilings, desk partitions, coffers, acoustic paintings and wall cladding. Our range includes products made from ecoPET material, which has sound-absorbing properties.

# PET acoustic panels

BAFEO is a dynamic, creative and responsible team. We feel committed to providing customers with the best version of the products we offer.

Our head office and extensive machine park are located in Kielce. Thanks to our resources, we provide comprehensive cooperation and installation of products throughout Poland and abroad.

## Contents

<b>8</b>	Specification
<b>10</b>	Colour collection
<b>12</b>	Combination of panels and colours
<b>16</b>	V-cut
<b>20</b>	Linear cutting
<b>22</b>	UV printing
<b>24</b>	Thermoforming
<b>26</b>	Products
<b>28</b>	Wall coverings
<b>32</b>	Round ceiling baffles
<b>38</b>	Acoustic clouds
<b>44</b>	Vertical ceiling baffles
<b>50</b>	Ribbed ceiling panels
<b>56</b>	Desktop partitions
<b>64</b>	Hanging acoustic partitions
<b>68</b>	Wall and ceiling panels
<b>74</b>	Acoustic paintings
<b>78</b>	Mosaic Art Deco



## PRODUCT SPECIFICATIONS

Material:  
100% polyester fibre

Dimensions:  
1220 x 2440 mm and 1220 x 2800 mm

Thickness:  
9 mm / 12 mm

Density:  
2400 g/m<sup>2</sup>

Material:  
100% polyester fibre

NRC acoustic properties:  
0,8-0,9

Thickness:  
3 mm

Density:  
600 g/m<sup>2</sup>

## PET MATERIAL

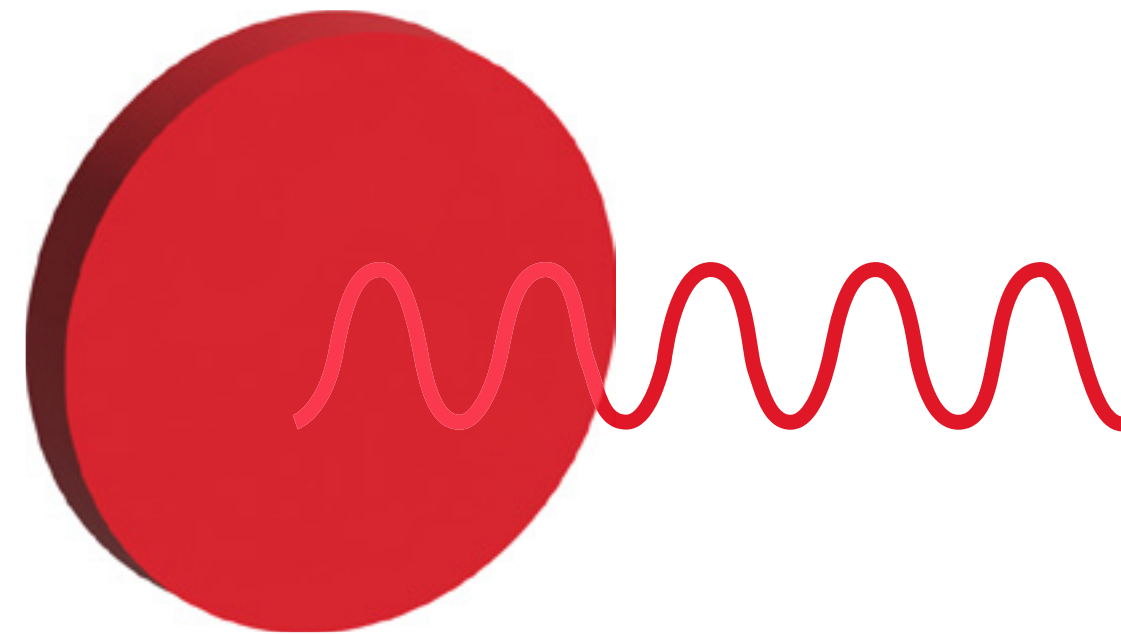
BAFEO products are made from  
100% polyester fibre.

Polyester fibre contains a maximum  
of 75% of the material comes from  
recycled from post-consumer  
(PET bottle pellets).

## COLOURS

60 unique product colours

## ACOUSTIC CHARACTERISTICS



PET material, due to its acoustic properties, is readily used in the design of modern room noise reduction solutions.

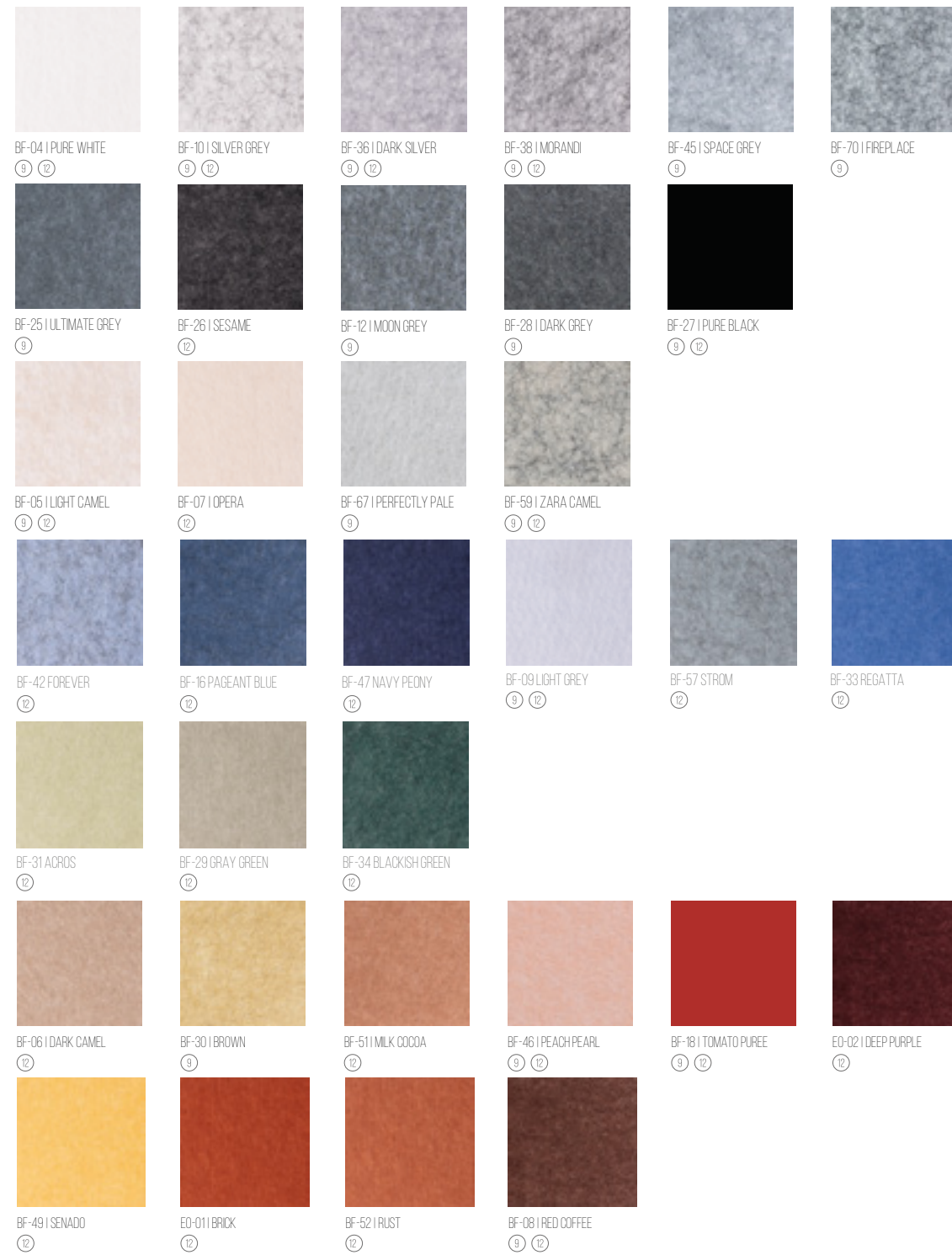
We offer acoustic products made from PET material in a variety of colours and designs, so they offer a wide range of possibilities in space design.

To achieve higher acoustic parameters, BAFEO products made of PET material can be additionally filled with mineral wool.



# COLLECTION

## Colour palette

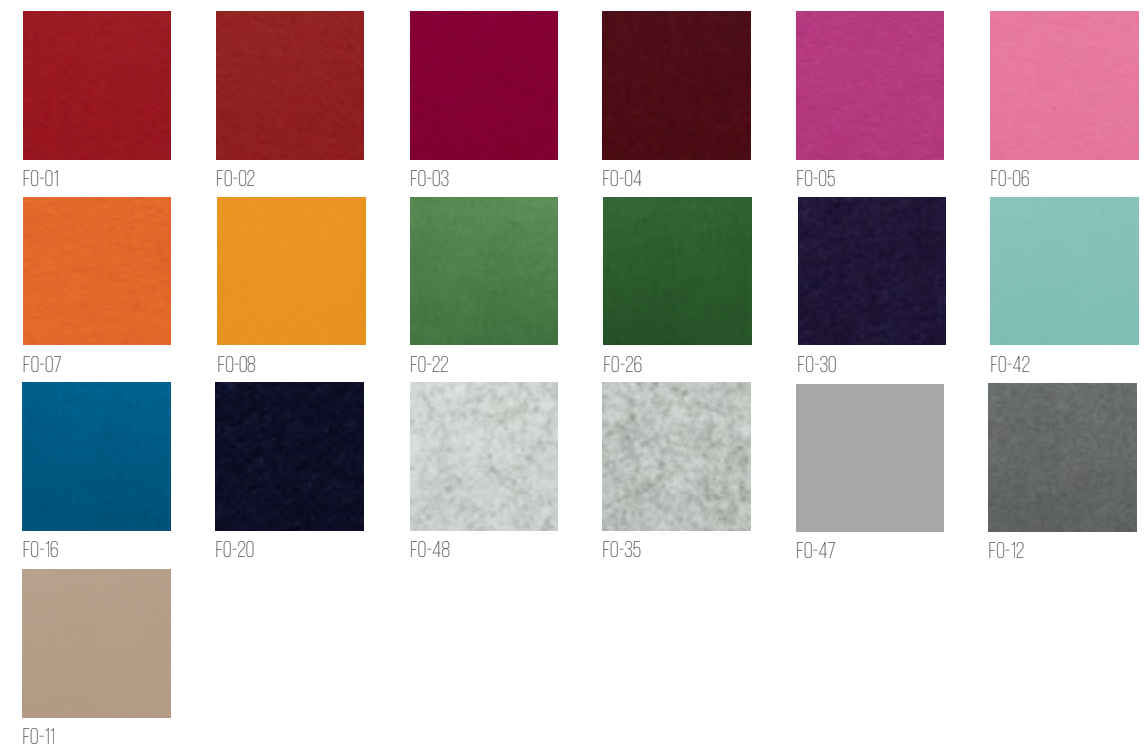


Thickness: ③ mm | ⑨ mm | ⑫ mm

## Colour palette - Limited Edition



## Colour palette - thickness: 3 mm



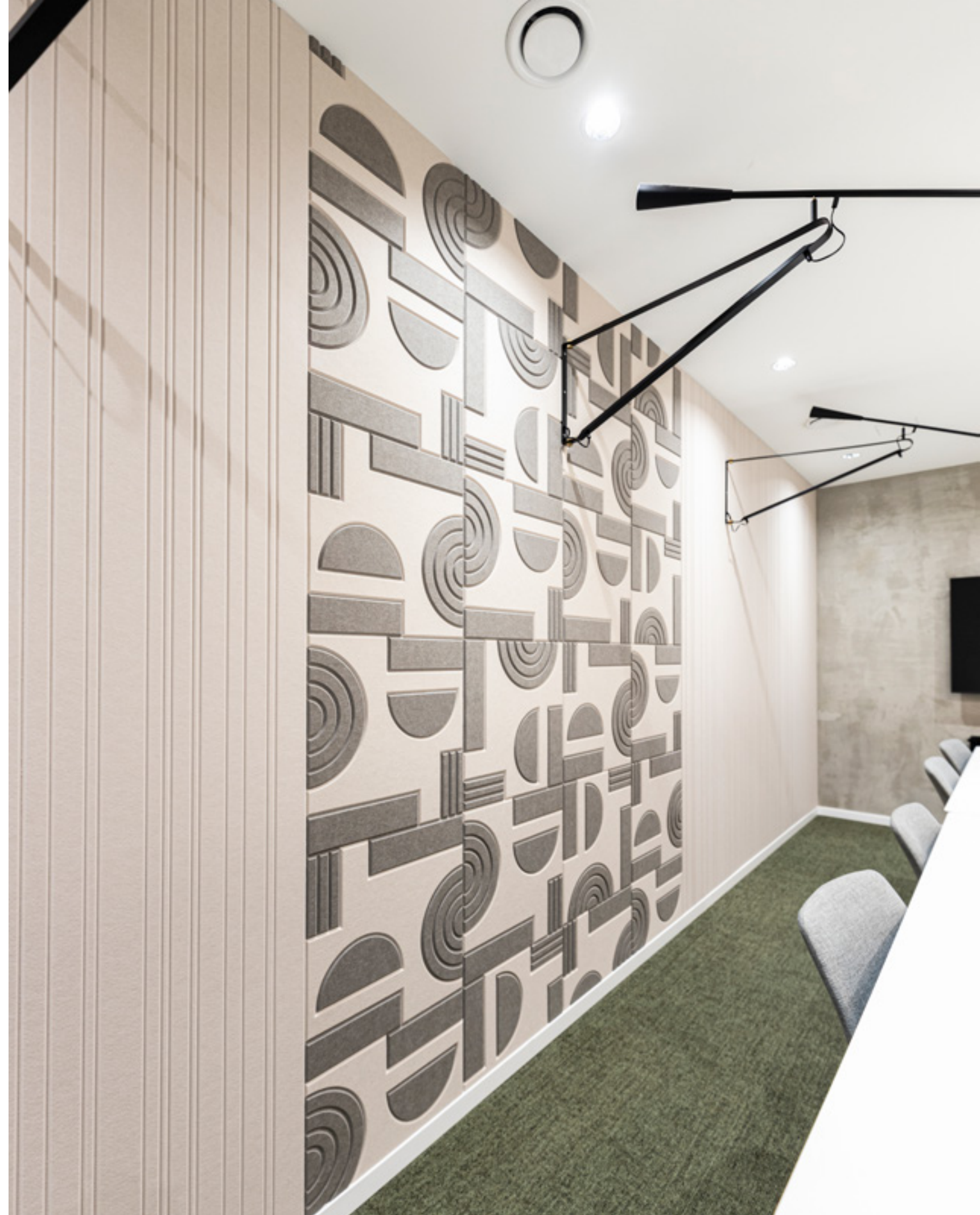
The colours in this publication may differ from the colours of the original product. We recommend ordering a product sample.

---

# Combination of panels and colours

Unique and personalised designs can be achieved with different types of board joints. This makes it possible to create multi-coloured, tailored to the needs of architects and the end customer.

EcoPET boards can be joined using adhesive or mechanical techniques. We suggest at the design stage which method will work better for a given product. The adhesive can be used to join the boards before V-cutting or in-line cutting, resulting in a multi-coloured pattern.

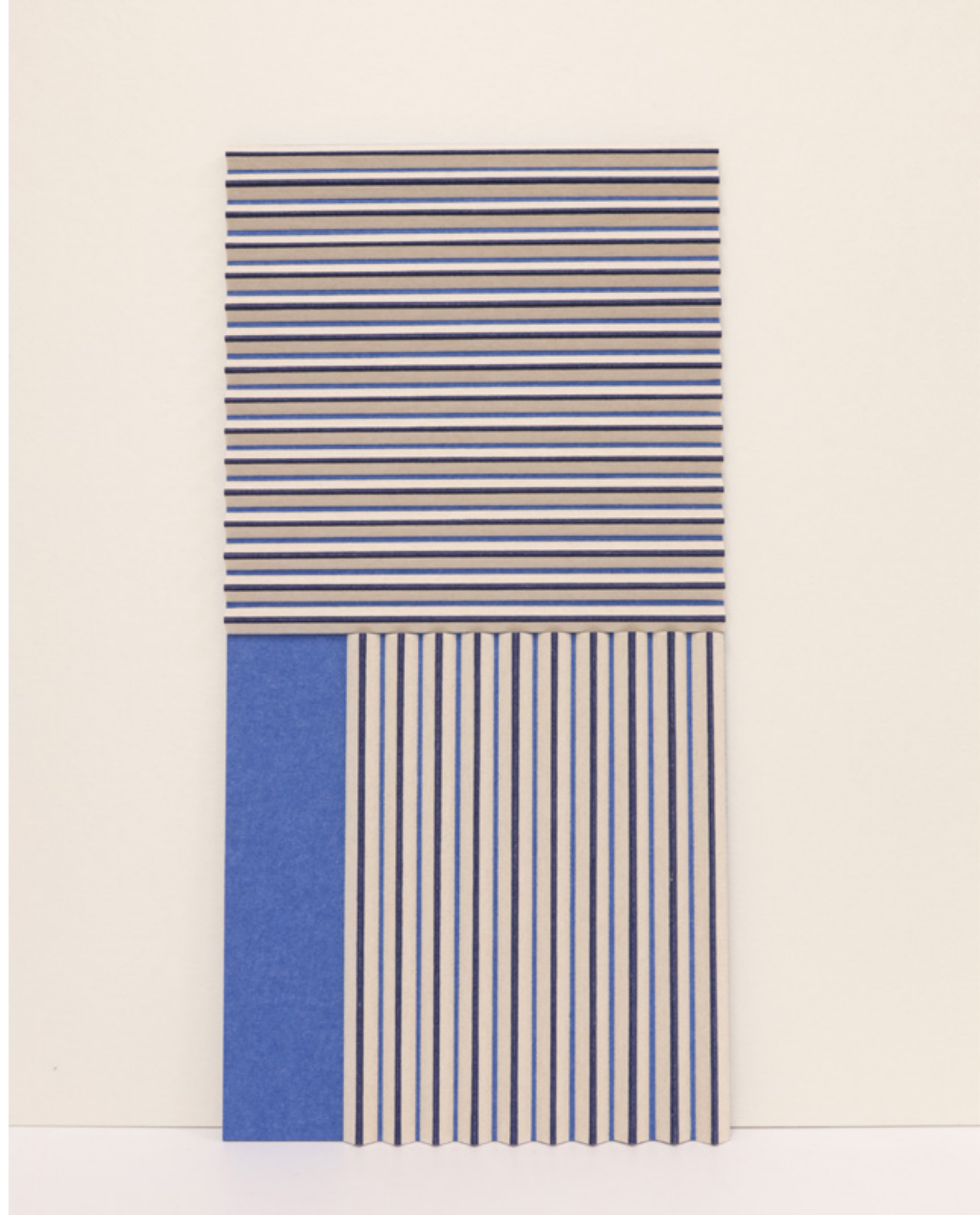






Adhesive bonding also makes it possible to create 3D patterns by simply gluing the elements of the designed pattern onto the base panel.

The mechanical gluing of panels of different thicknesses and colours is more suitable for products that are to be distinguished by their multicoloured shape and convex or concave patterns, the arrangement of which can be changed at any time. Simply slide the element in or out slightly to create a unique pattern.





---

# V-cut

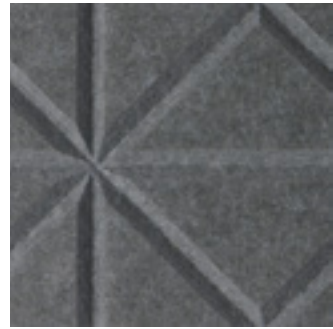
The V-cut technique makes it possible to create striking, spatial patterns on ecoPET boards. The precise cuts can produce both subtle lines and deeper, more pronounced patterns.

The boards can be cut in a V-shape at an angle of 45 degrees. The depth of the incision ranges from 3 to 16 mm, allowing you to work with a single board or even three glued layers of different colours.

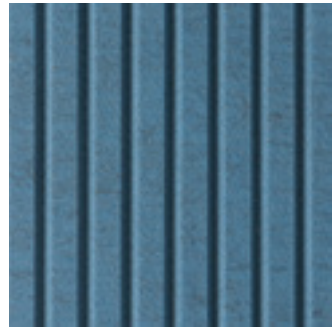




CUT ONE SIDE - 1



CUT ONE SIDE - 2



CUT ONE SIDE - 3



CUT ONE SIDE - 4



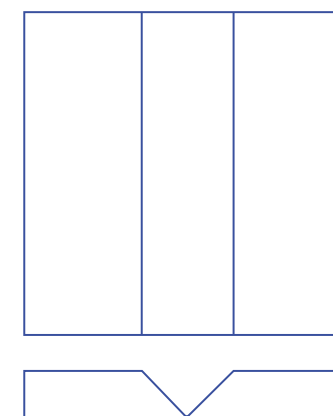
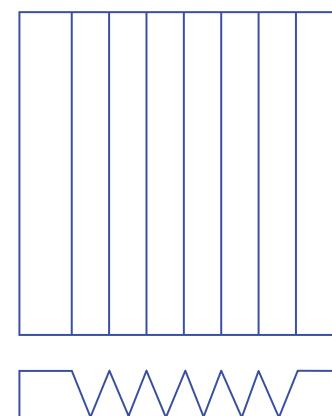
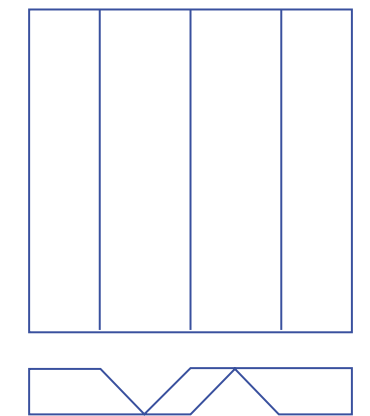
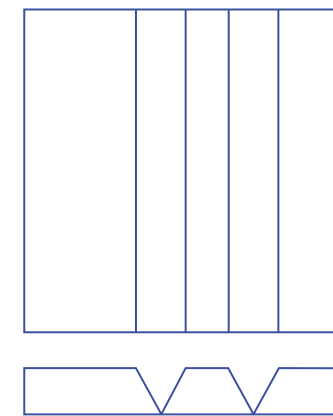
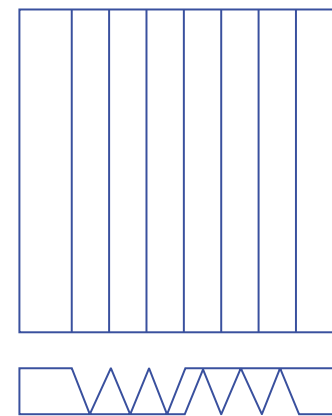
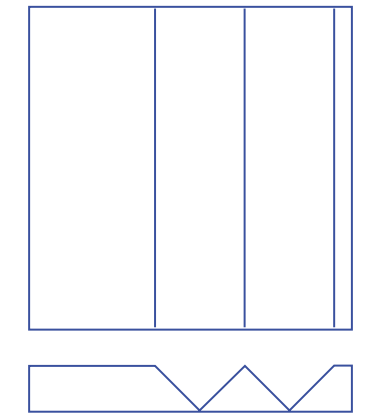
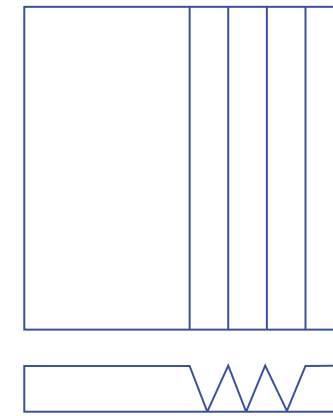
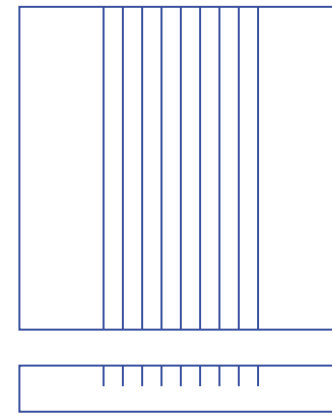
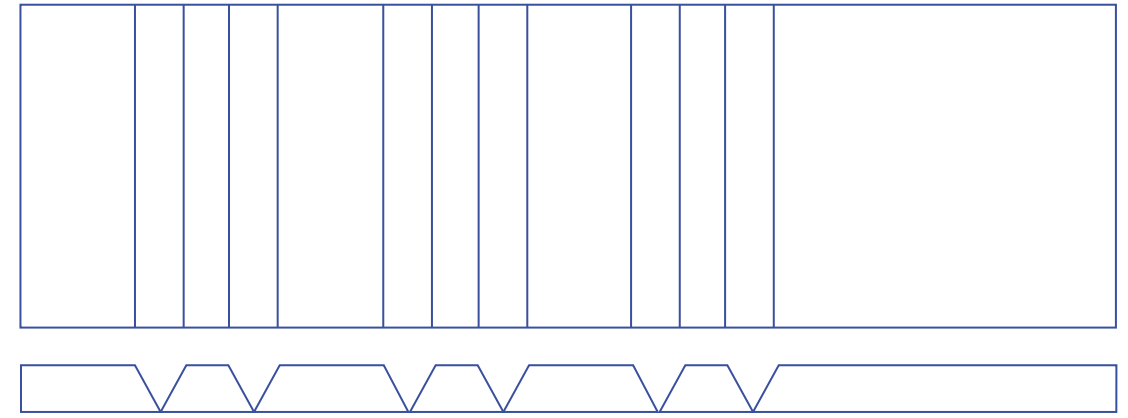
CUT RECIPROCAL - 1



CUT RECIPROCAL - 2

The second option is a V-cut with a manually set degree of cut. The angle setting in this case is manually adjustable, allowing the visual effect to be tailored to the individual needs of the project. The maximum depth of the cut depends on the size of the angle.

With V-cut, unique double-sided designs can be created, which are perfect for areas where both sides of the panel are visible.





---

# Linear cutting

Linear cutting with an oscillating knife is a precision method of processing ecoPET sheets, allowing straight and curved patterns such as circles or arcs to be created. The spacing of the cuts is arbitrary, allowing flexibility in the design of different visual forms.

The depth of cut ranges from 3 mm to a maximum of 36 mm (when three 12 mm thick panels are combined). This technique allows you to create striking designs on both single panels and multi-layer constructions.

Linear cutting is ideal for projects that require precision and unique shapes. For example, we can use this technique to cut out a company logo.





---

# UV printing

The UV printing technique on ecoPET boards allows any patterns, graphics or logos to be applied. Thanks to their durability and resistance to fading, UV-printed panels will be an interesting addition to designer interiors.

Printed panels can have a decorative, informative or utilitarian function, it all depends on the design that will be placed on it.





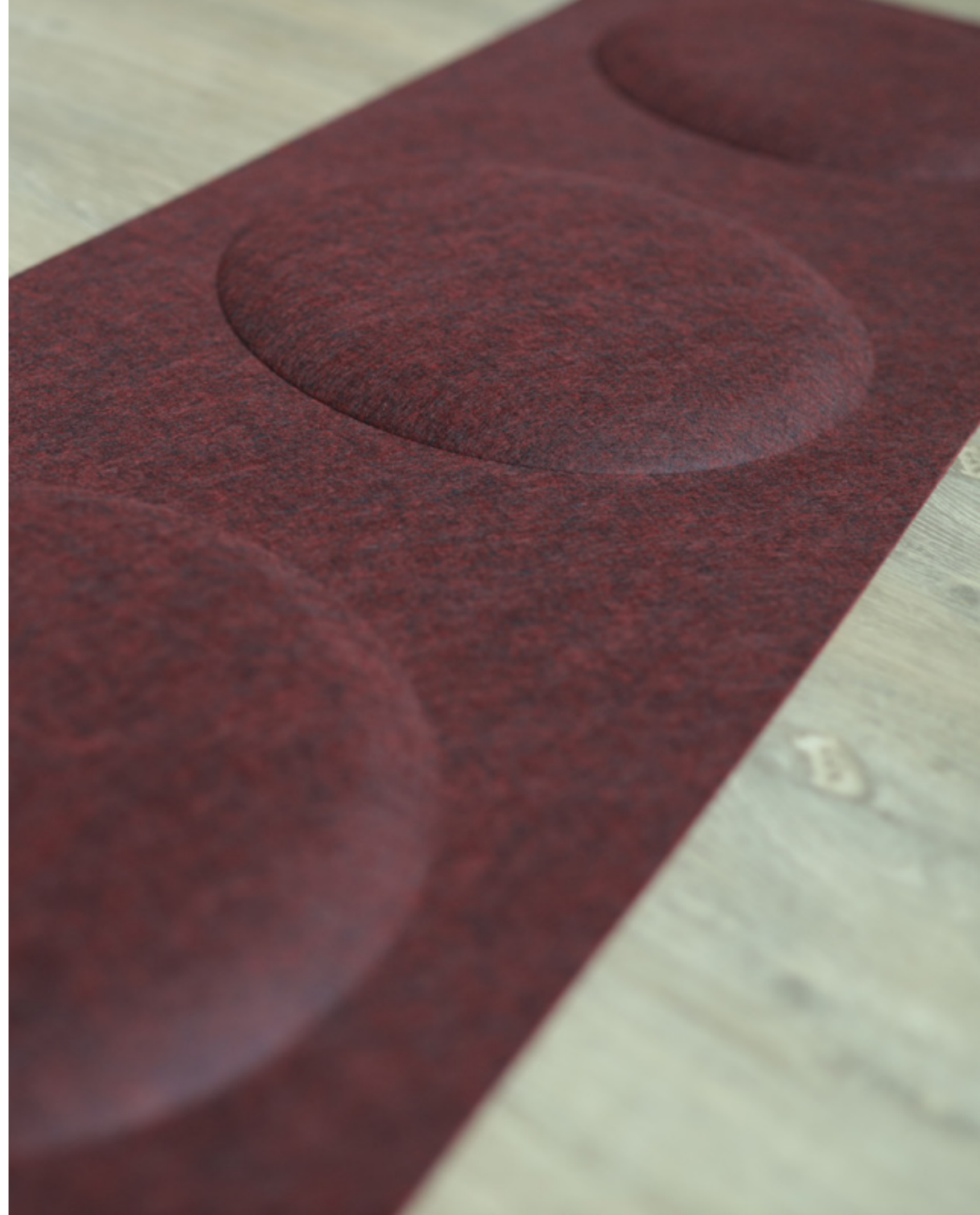
---

# Thermoforming

The thermoforming of ecoPET panels allows them to be given three-dimensional shapes that enhance the aesthetics and functionality of interiors. The thermoforming process is carried out using a membrane thermoforming machine and customised moulds made of MDF (for short runs) or aluminium (for series production).

The most commonly moulded panels are 12mm thick and remain approximately 4mm thick after processing. The maximum size of the material to be moulded is 980 x 2000 mm and the height of the design can be up to 500 mm - however, the higher the design, the smaller the size of the panel that can be heated in the thermoformer.

Thermoforming makes it possible to create unique three-dimensional shapes that combine the high acoustic properties of ecoPET with original design.



---

# Products

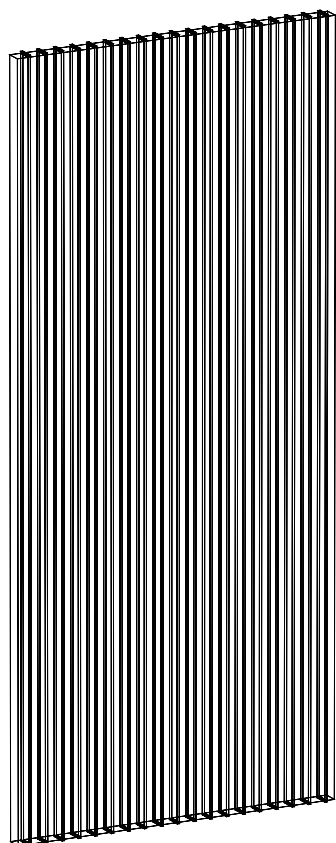


# Wall coverings



EcoPET wall cladding is effective in soundproofing rooms, improving the acoustic comfort of interiors and, in addition, enhancing the aesthetics of rooms.

DETAILS



PANEL SIZES

SIZE	THICKNESS
1220x2440mm	9 mm
1220x2800mm	12 mm



BAFEO offers panels in various thicknesses and a wide range of colours. It can be cut linearly or at a 45-degree angle (V-cut), which gives a three-dimensional effect and even better sound absorption. In addition, the surface of the ecoPET panel can be personalised with a custom print, giving you more options for personalisation.

Our 1220mm x 2800mm ecoPET panels can be cut or joined as required to match the dimensions of the surface on which the cladding is to be installed.

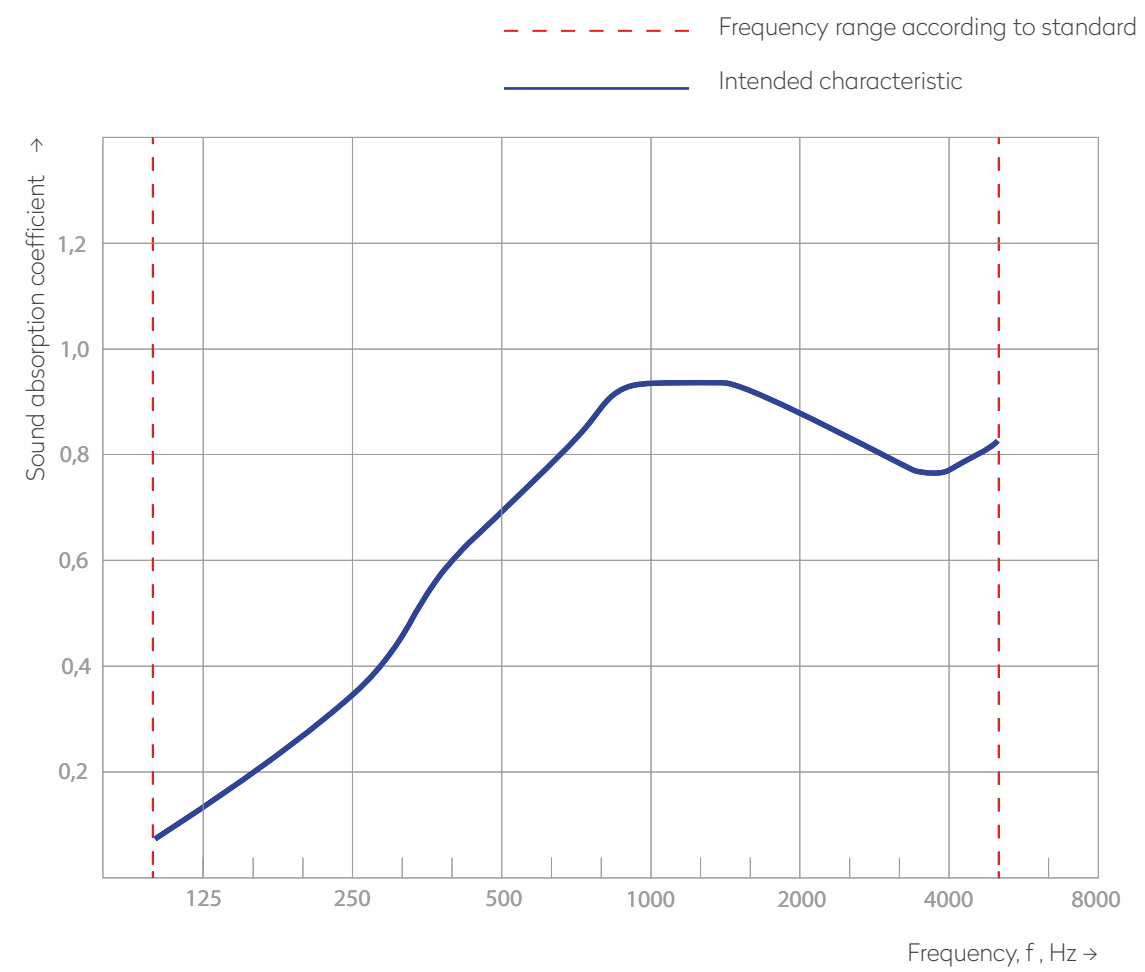


# Round ceiling baffles

Round ceiling baffles are hanging acoustic panels that absorb sound and reduce the noise level in a room. Individual baffles are available in a wide range of sizes and colours to suit any interior design scheme.







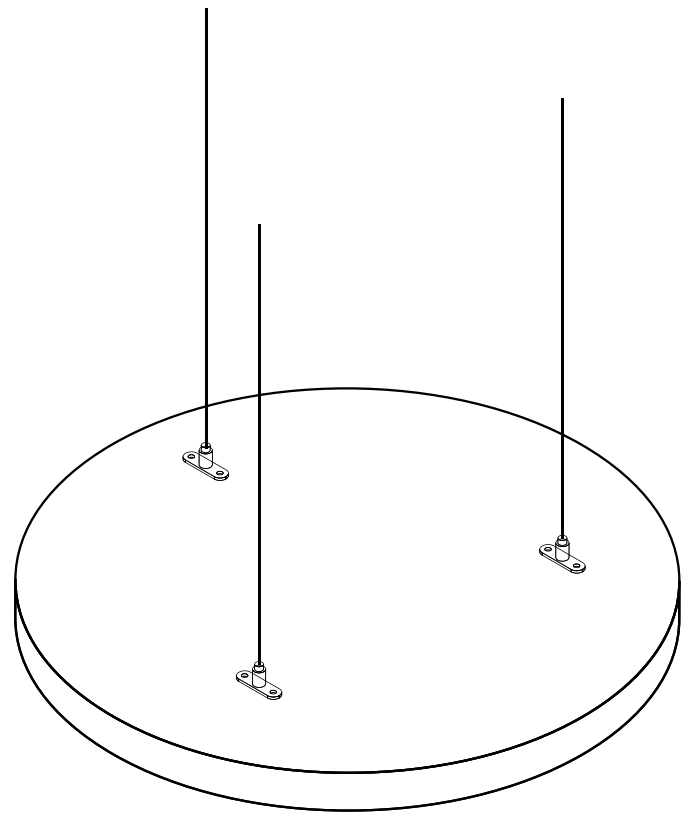
Material: **100% polyester fibre**

Acoustic properties:  $\alpha_W$ : 0,65 (MH)

Absorption class: **C**



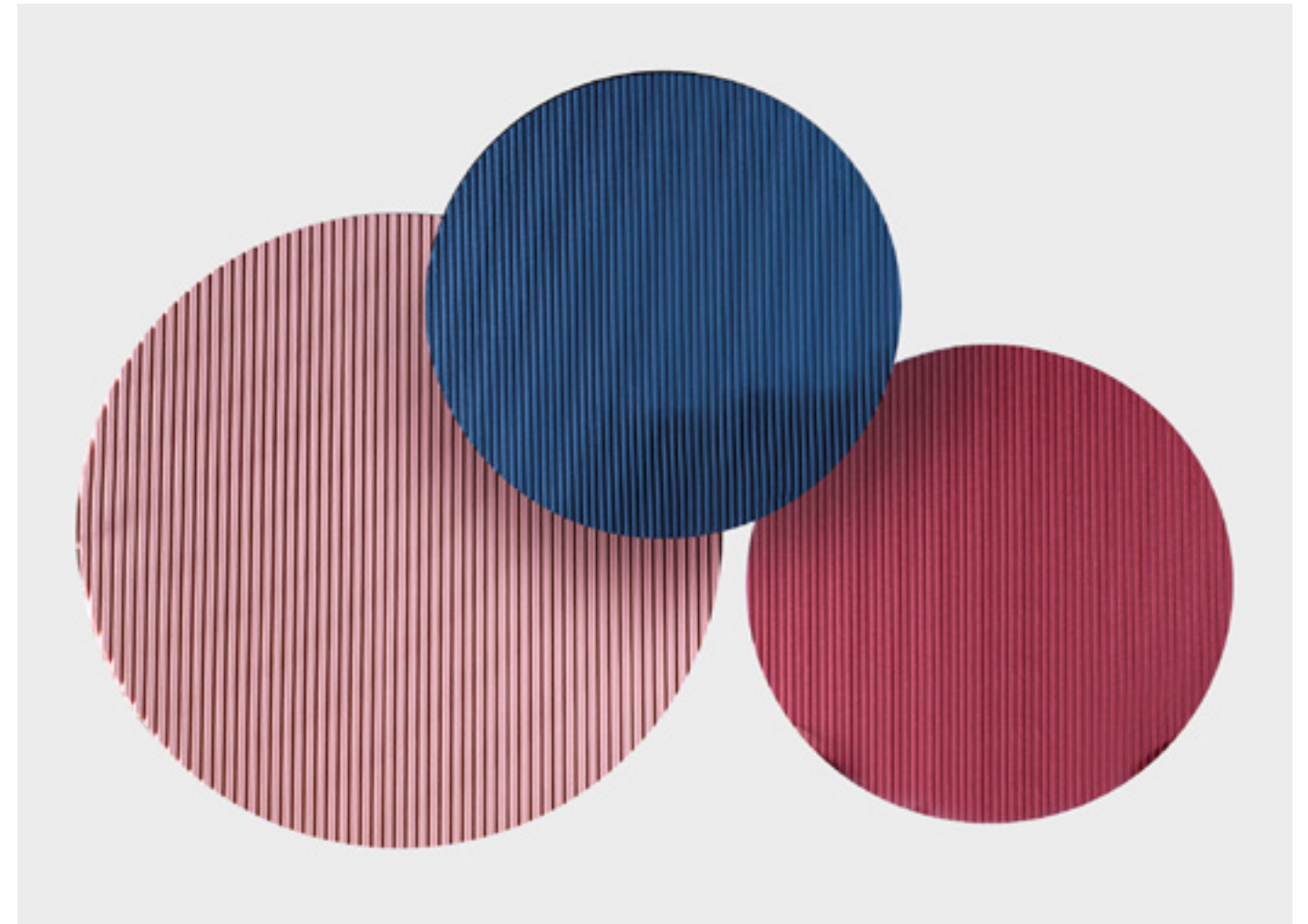
**DETAILS**



**SIZES**

SIZE	THICKNESS
600x600 mm	24 mm
800x800 mm	24 mm
1000x1000mm	24 mm
1200x1200 mm	24 mm

The dimensions can be adapted to the customer's requirements.





# Acoustic clouds

The main advantage of acoustic clouds is their boxy shape, which creates the potential for additional protection against unwanted sound.





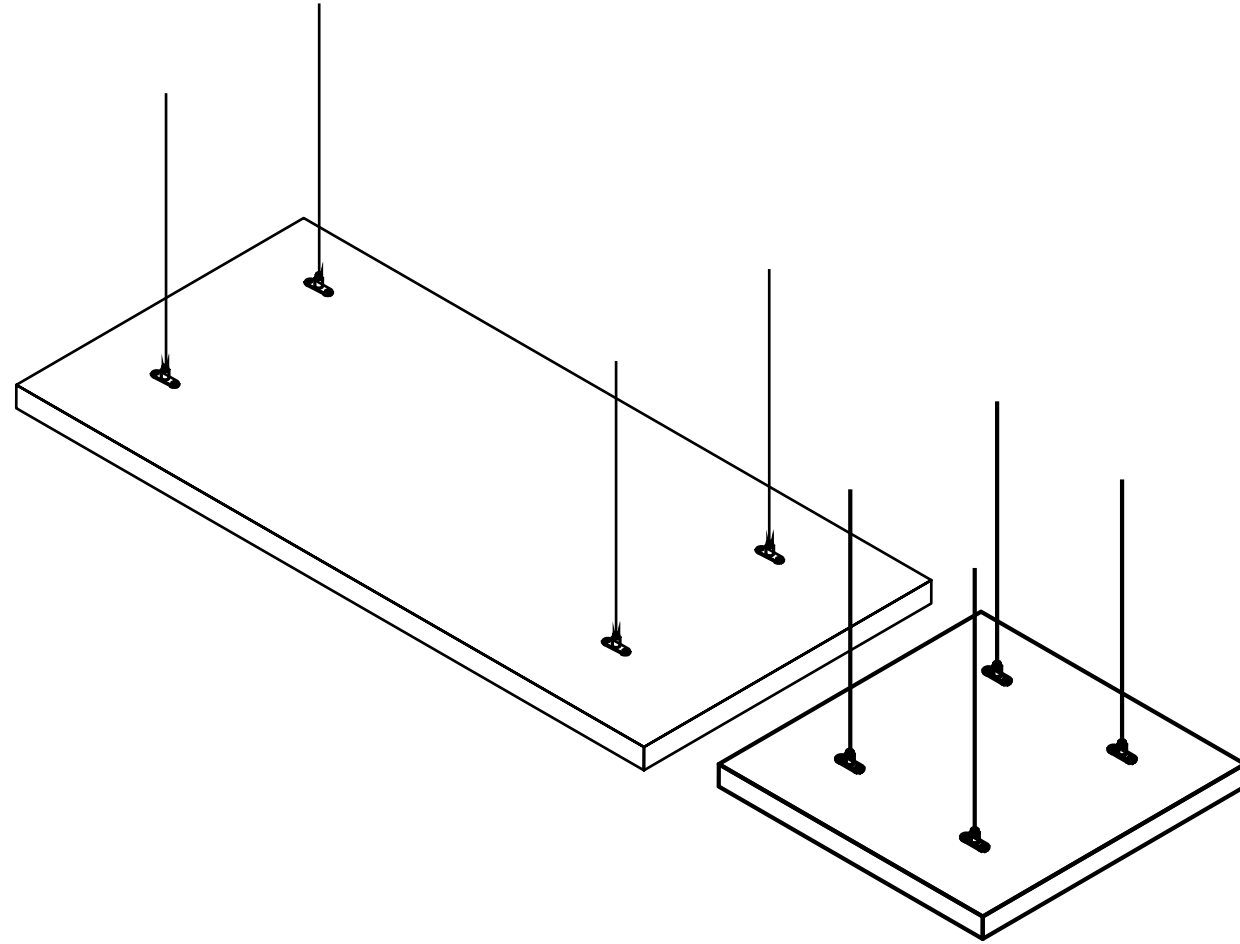


Discover a three-dimensional ceiling that absorbs unwanted noise. Acoustic clouds are an easy to install solution available in a variety of styles, sizes and colours.

These acoustic ceiling panels allow you to create visually coherent variations to monotonous office spaces, making open spaces, conference rooms or offices more

attractive and functional. It is also up to the user to decide how far from the ceiling the acoustic clouds are installed. This arrangement affects both the aesthetics of the interior and the optimisation of the acoustic performance. The ease of installation makes the acoustic cloud a convenient and effective solution for sound perception.

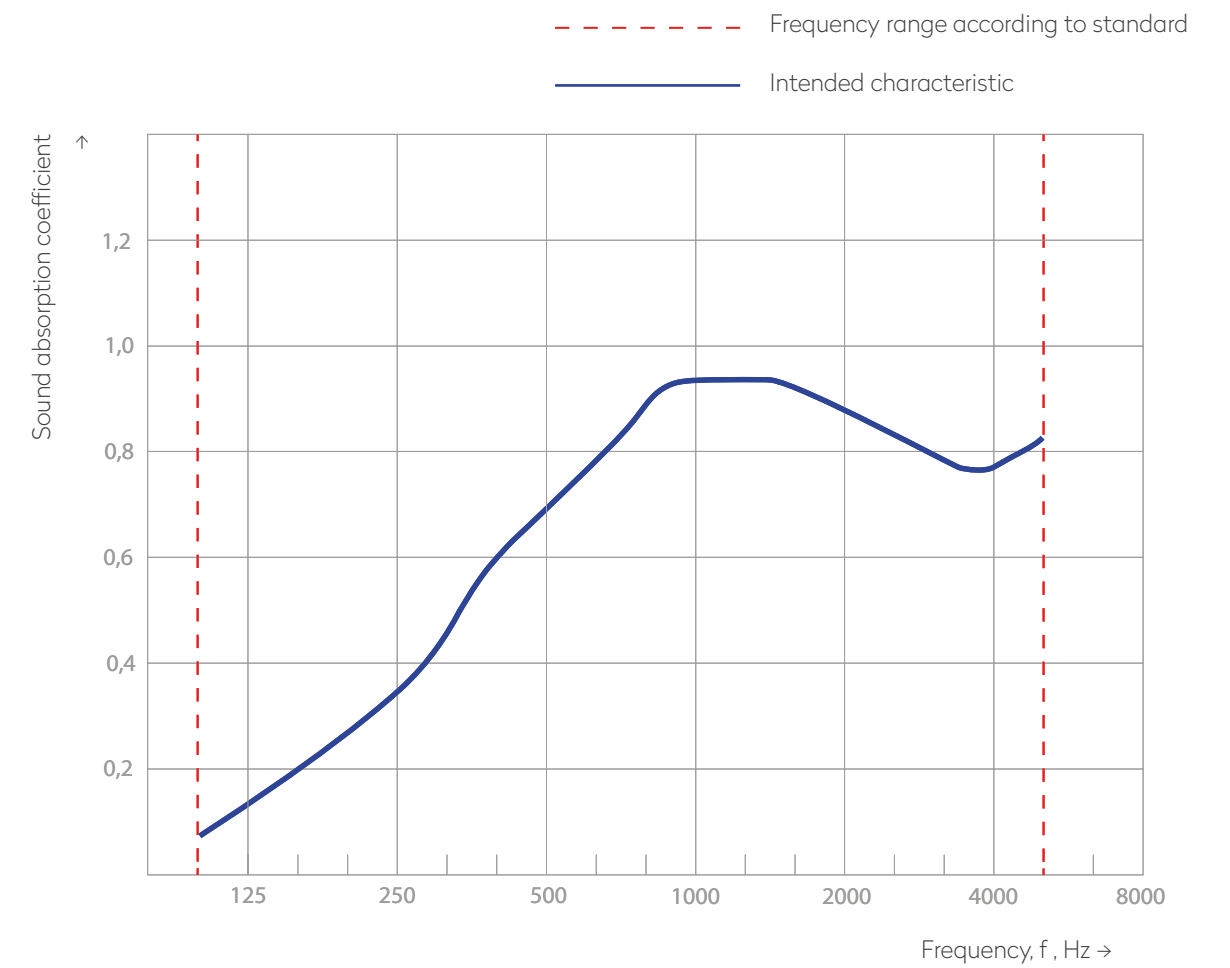
## DETAILS



## SIZES

SIZE	THICKNESS
500 x 500 mm	50 mm
1000 x 1000 mm	50 mm
600 x 1400 mm	50 mm
800 x 1600 mm	50 mm

The dimensions can be adapted to the customer's requirements.



Material: **100% polyester fibre**

Acoustic properties:  $\alpha_W$ : 0,65 (MH)

Absorption class: **C**



# Vertical ceiling baffles

Vertical ceiling baffles are designed for high spaces where improved acoustic comfort is required. It is aesthetically pleasing and functional, making it suitable for modern spaces.





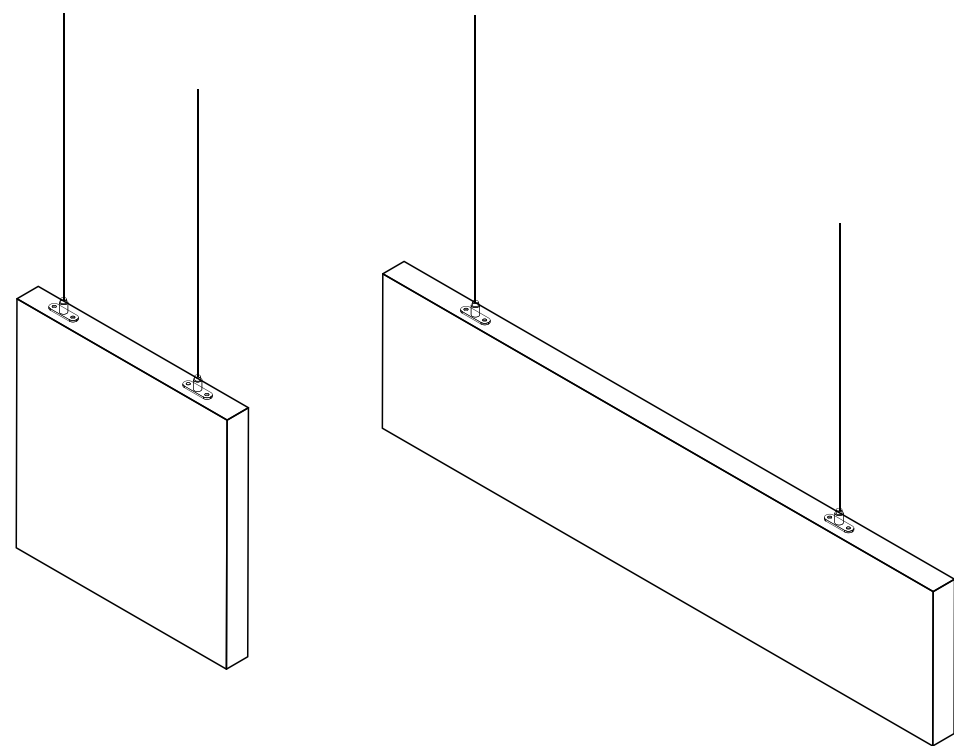


Ceiling acoustic panels are a great way to reduce noise in rooms with high ceilings.

With a wide range of design possibilities, we can produce them in different sizes, colours and with additional mineral wool filling. This product allows interior designers to create creative office, hotel or public spaces.



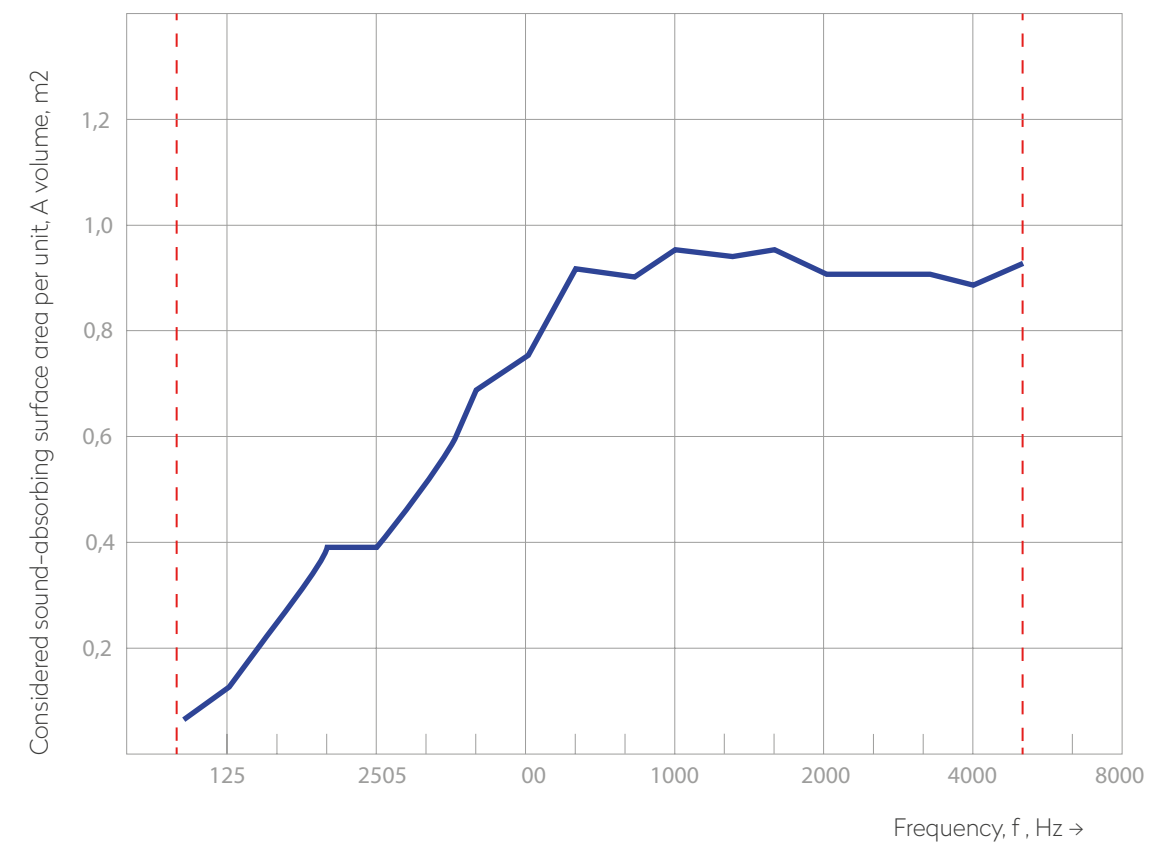
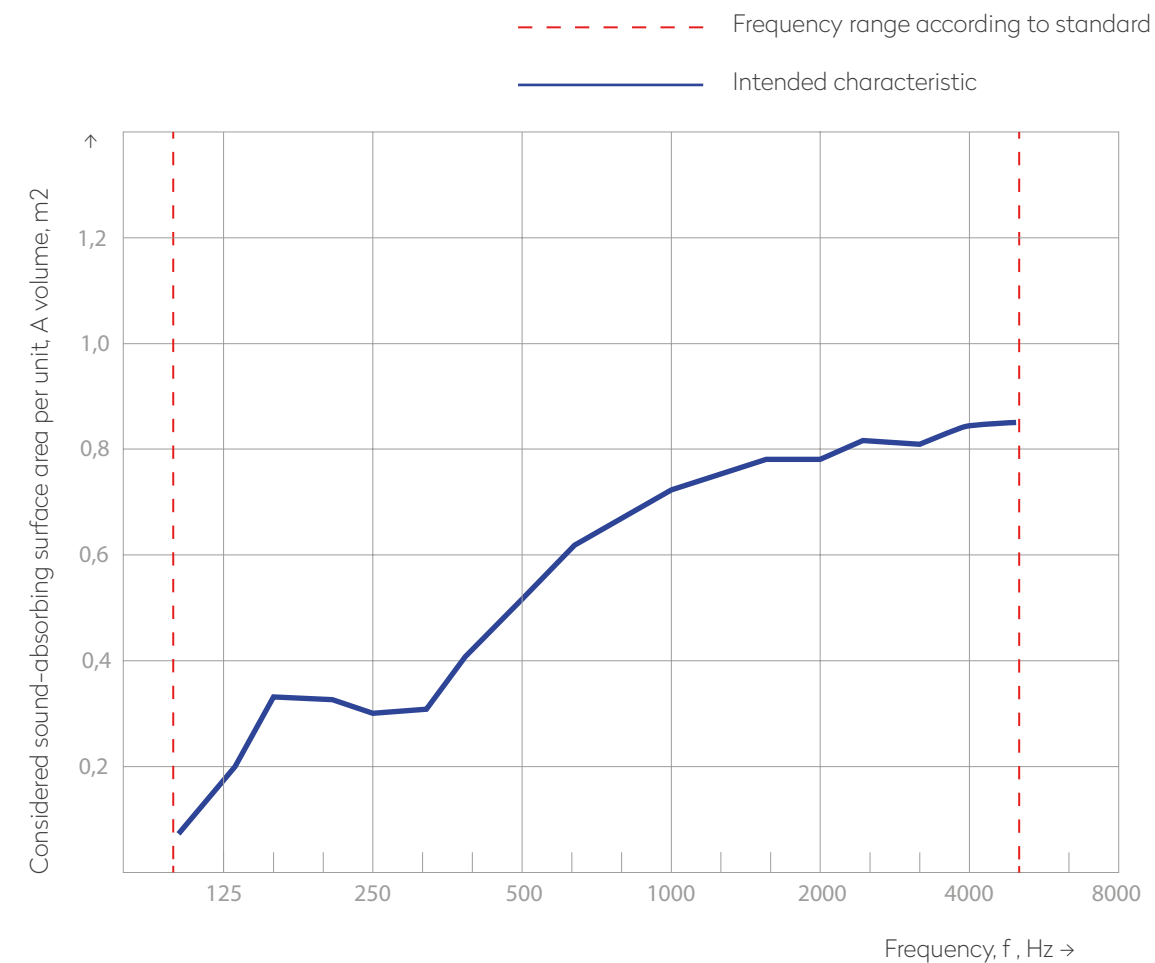
**DETAILS**



**SIZES**

SIZE	THICKNESS
200 x 600 mm	50 mm
200 x 800 mm	50 mm
200 x 1000 mm	50 mm
400 x 800 mm	50 mm
400 x 1000 mm	50 mm
400 x 400 mm	50 mm

The dimensions can be adapted to the customer's requirements.



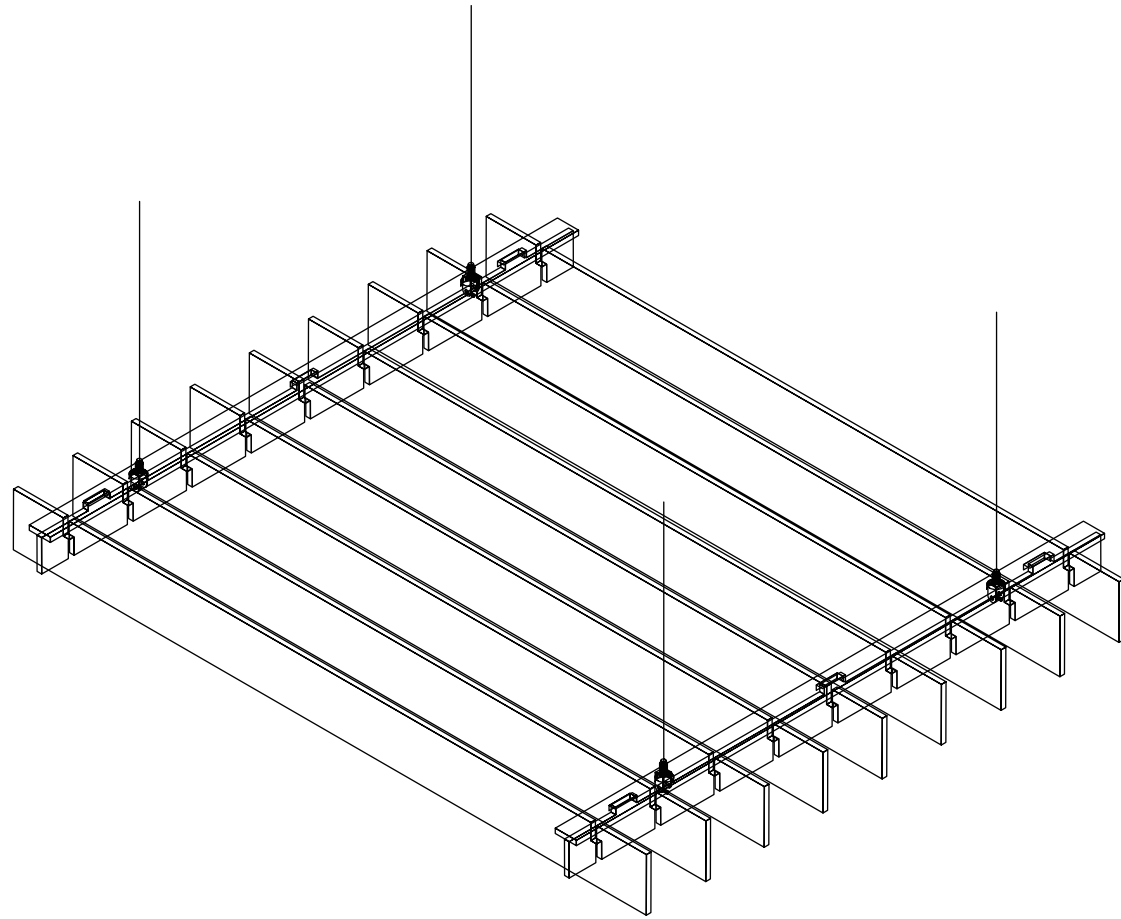
# Ribbed ceiling panels

We also design ribbed ceilings, which are excellent at absorbing ambient sound. Their unique structure is not only an eye-catching feature, but also improves the acoustic comfort of the room. Ribbed ceilings are ideal for soundproofing large spaces such as offices or public buildings.





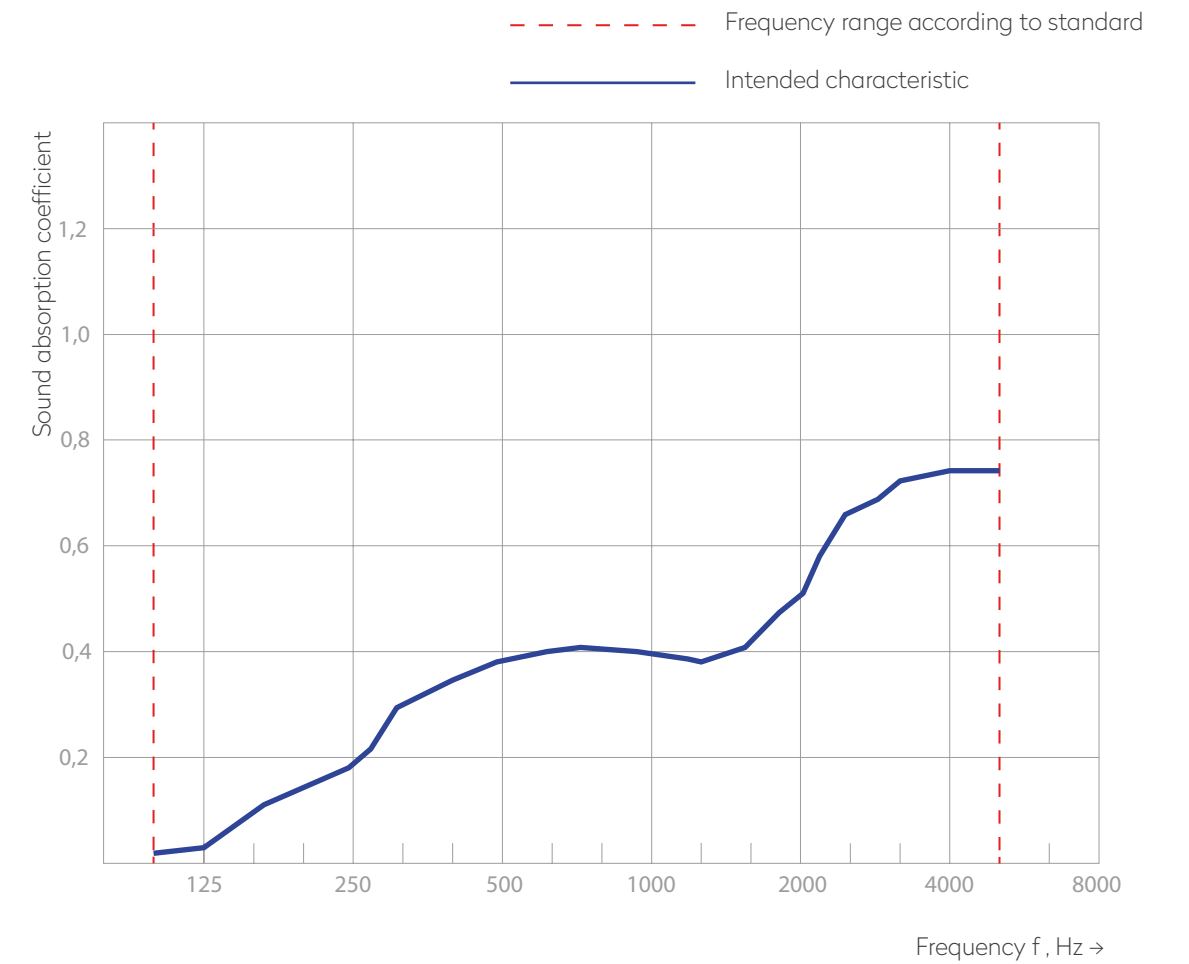
DETAILS



MODULE SIZE

SIZE	WYSOKOŚĆ
1008 x 1200 mm	100 mm

The dimensions can be adapted to the customer's requirements.



Material: **100% polyester fibre**

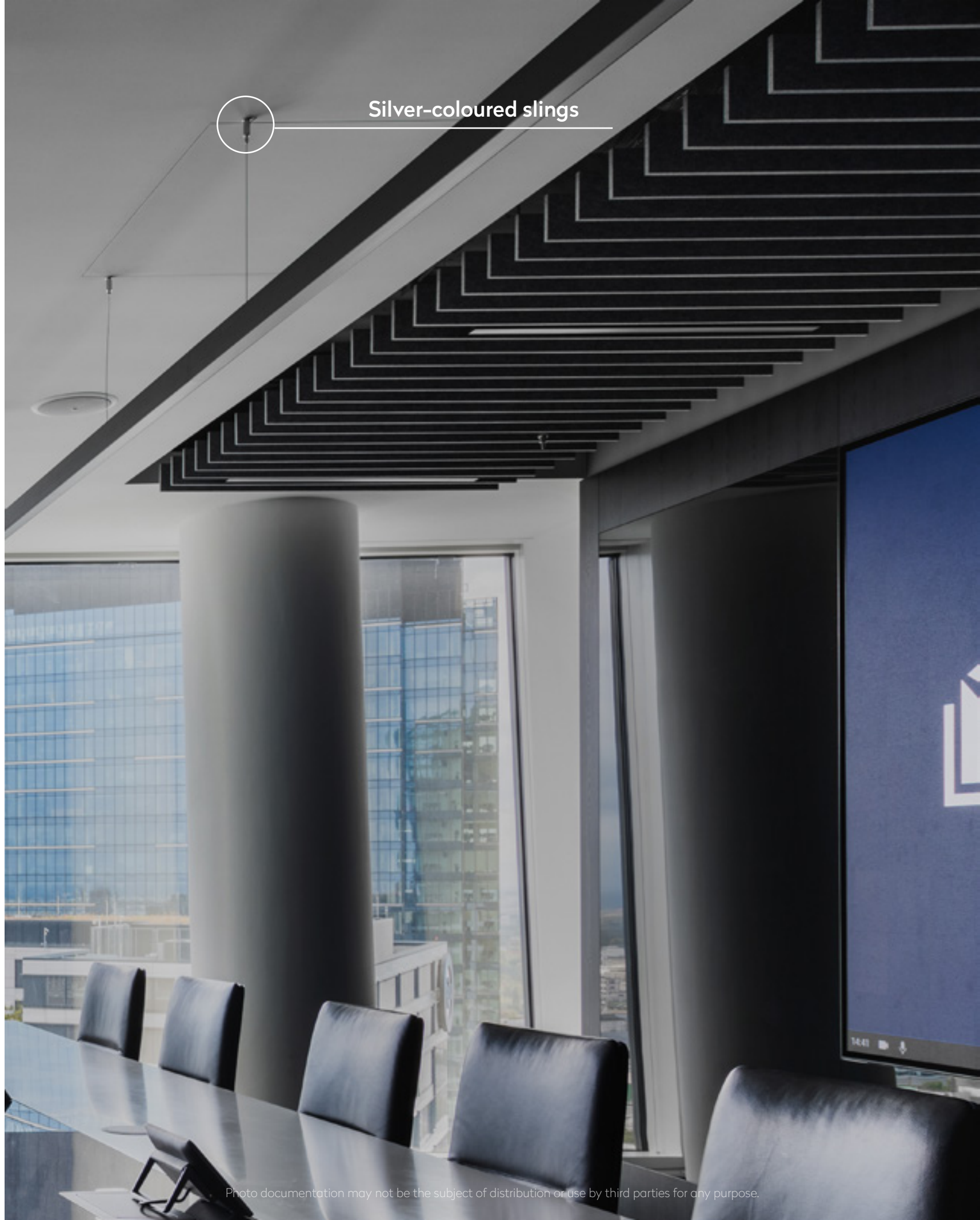
Acoustic properties:  $\alpha_w$ : 0,40(H)

Absorption class: **D**

SOLUTION EXAMPLES



Photo documentation may not be the subject of distribution or use by third parties for any purpose.



Silver-coloured slings

Photo documentation may not be the subject of distribution or use by third parties for any purpose.



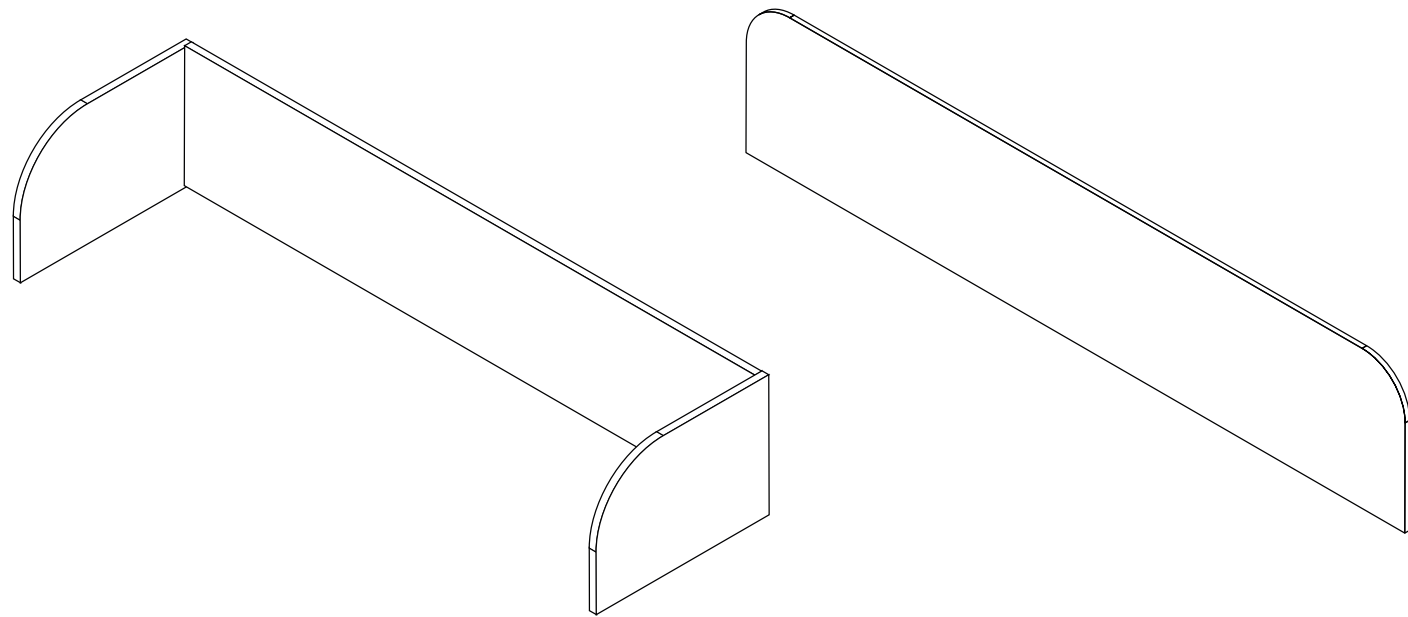
# Desktop partitions

Create a private yet cohesive workspace in an instant Create a private yet cohesive workspace in an instant with our PET desk dividers.





DETAILS



MODULE SIZE

SIZE	THICKNESS
1000 x 400	12 mm
1200 x 400	12 mm
1400 x 400	12 mm
1600 x 400	12 mm
1800 x 400	12 mm
1000 x 400	24 mm
1200 x 400	24 mm
1400 x 400	24 mm

SIDE WINGS

SIZE	THICKNESS
400 x 400	12 mm

The dimensions can be adapted to the customer's requirements.







Desk partitions are suitable for all types of offices. We offer partitions in various sizes and thicknesses, and the customer can choose from 60 colours. We design this product in two variants: as a module with side panels or as a module without side panels.

Desk partitions in ecoPET effectively absorb sound and, in an open plan environment, increase privacy and promote efficient working.

Available with C or L fixings, which can be painted in any RAL colour, the partitions are not only strong but also highly customisable.

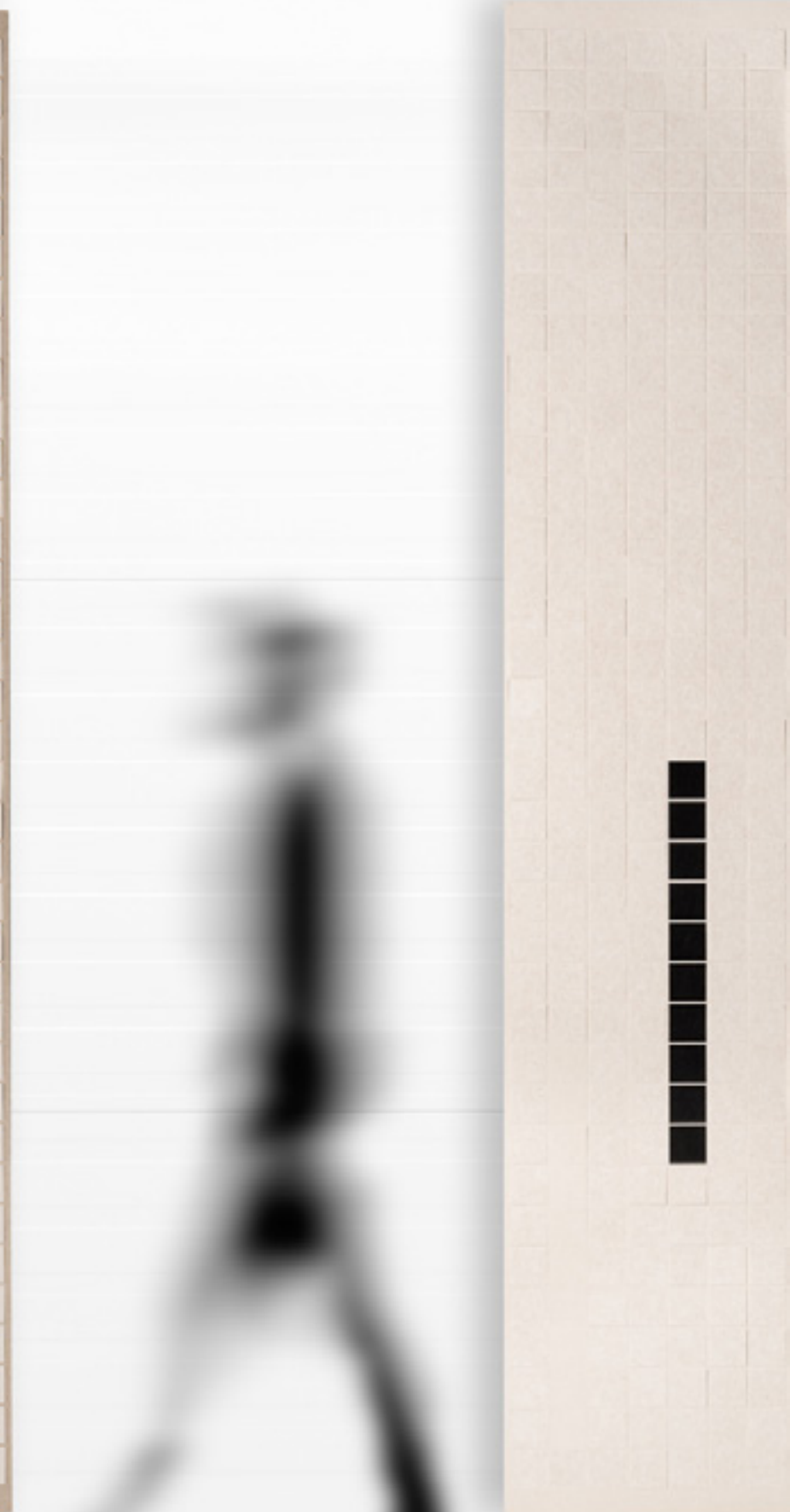


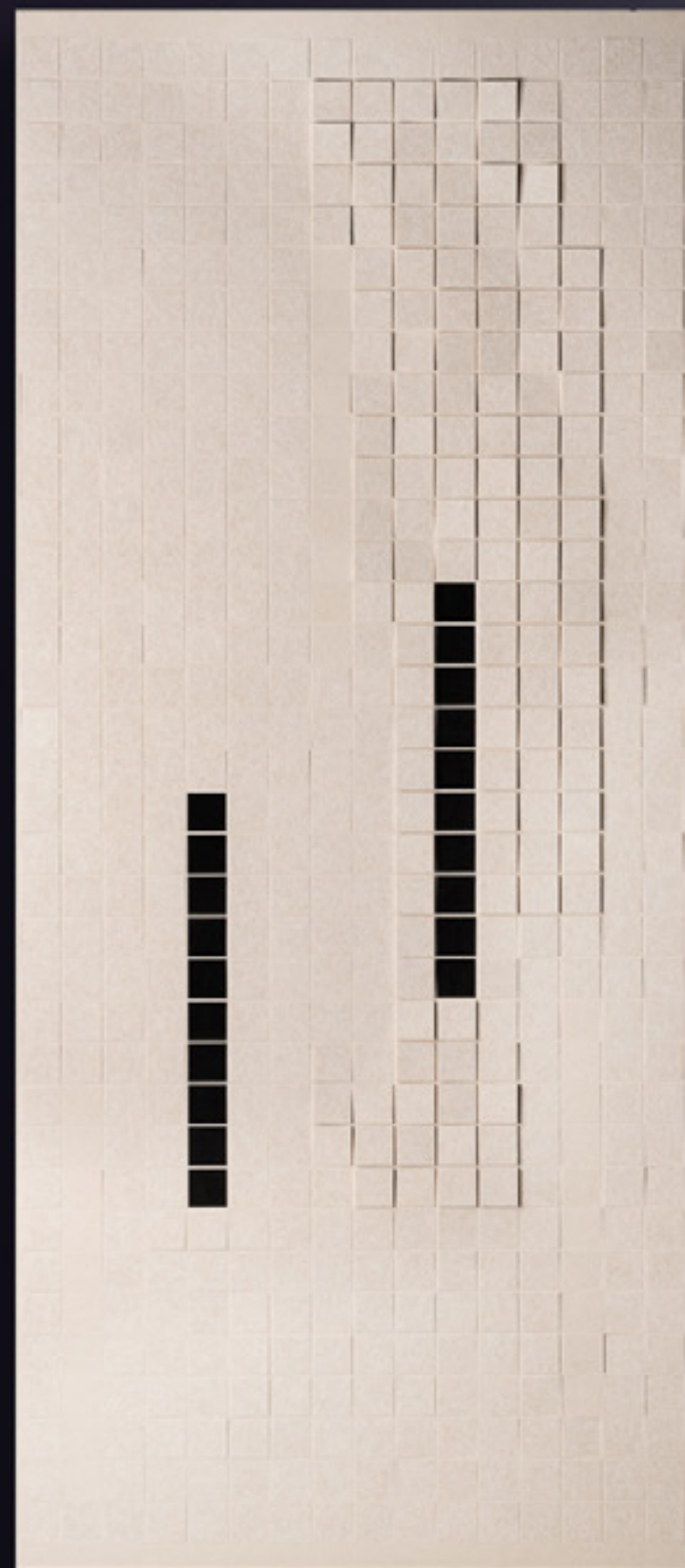
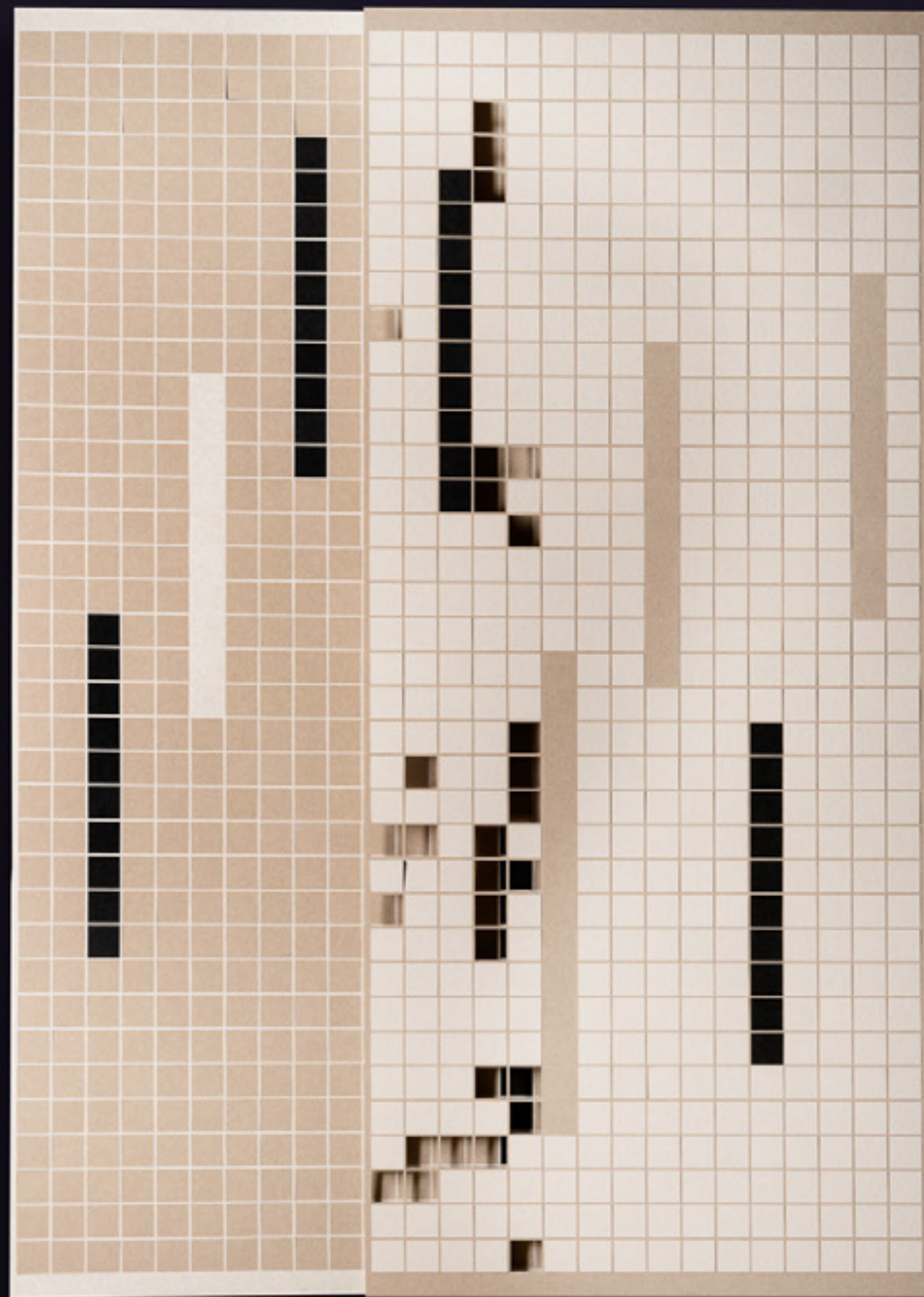




# Hanging acoustic partitions

Meet the Relief collection of hanging walls, which lend an elite touch to the interiors in which they are used. The three shades of beige, punctuated by deep black, blend naturally with the classic design. The square elements can be freely extended and pushed into the frame, creating a dynamic, spatial structure that can be adapted to individual arrangements.







# Wall and ceiling panels

Our acoustic coffers not only have sound absorbing properties, but also create space for creative interior design. The product skilfully combines functionality with aesthetics, transforming any room into an acoustically comfortable space you want to be in.

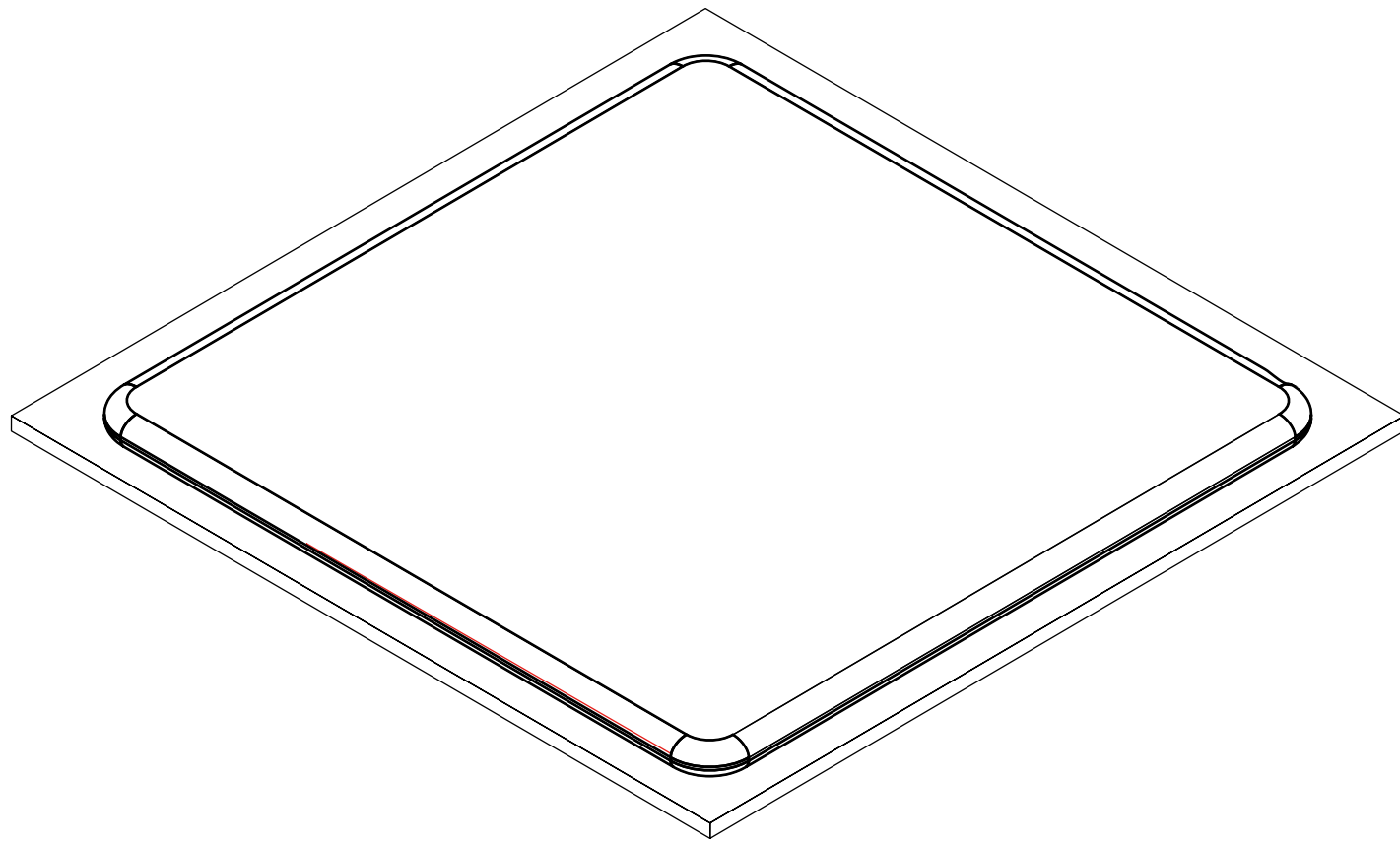








DETAILS



MODULE SIZE

WALL PANELS

SIZE	HIGH
600 x 600 mm	40 mm

CEILING PANELS

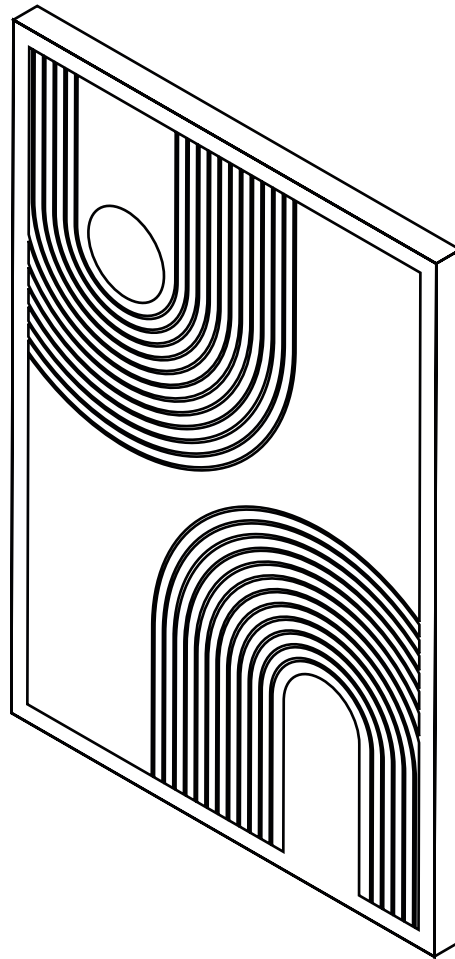
SIZE	HIGH
600 x 600 mm	40 mm

The dimensions can be adapted to the customer's requirements.





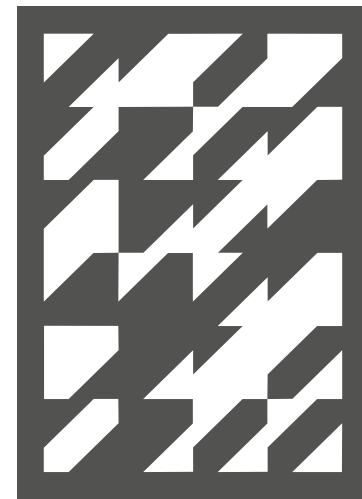
# Acoustic paintings



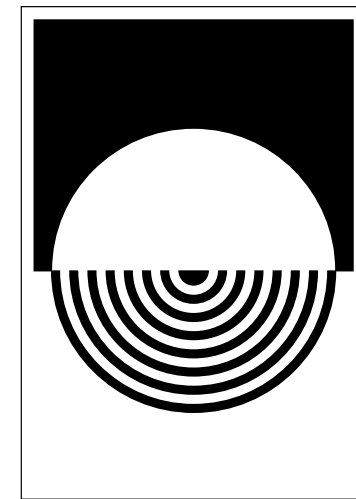
A beautiful and functional product that can be used in lobbies, hotel rooms, corridors, stairwells, offices and open spaces - wherever acoustic comfort is required.



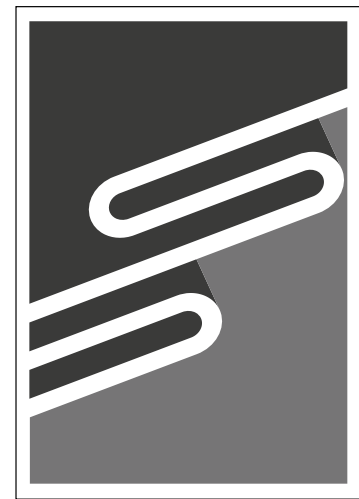




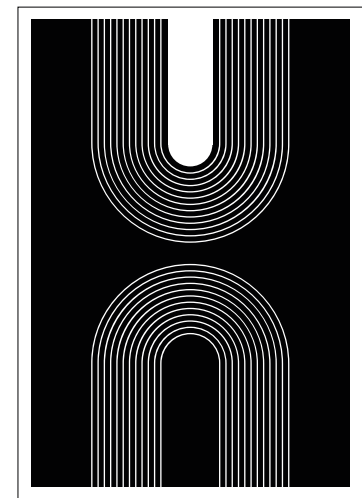
A



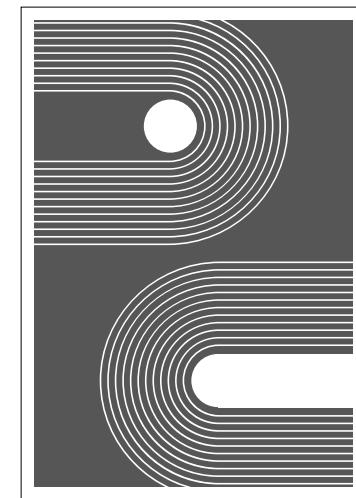
B



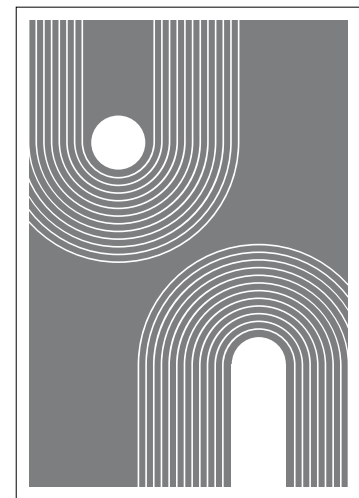
C



D



E



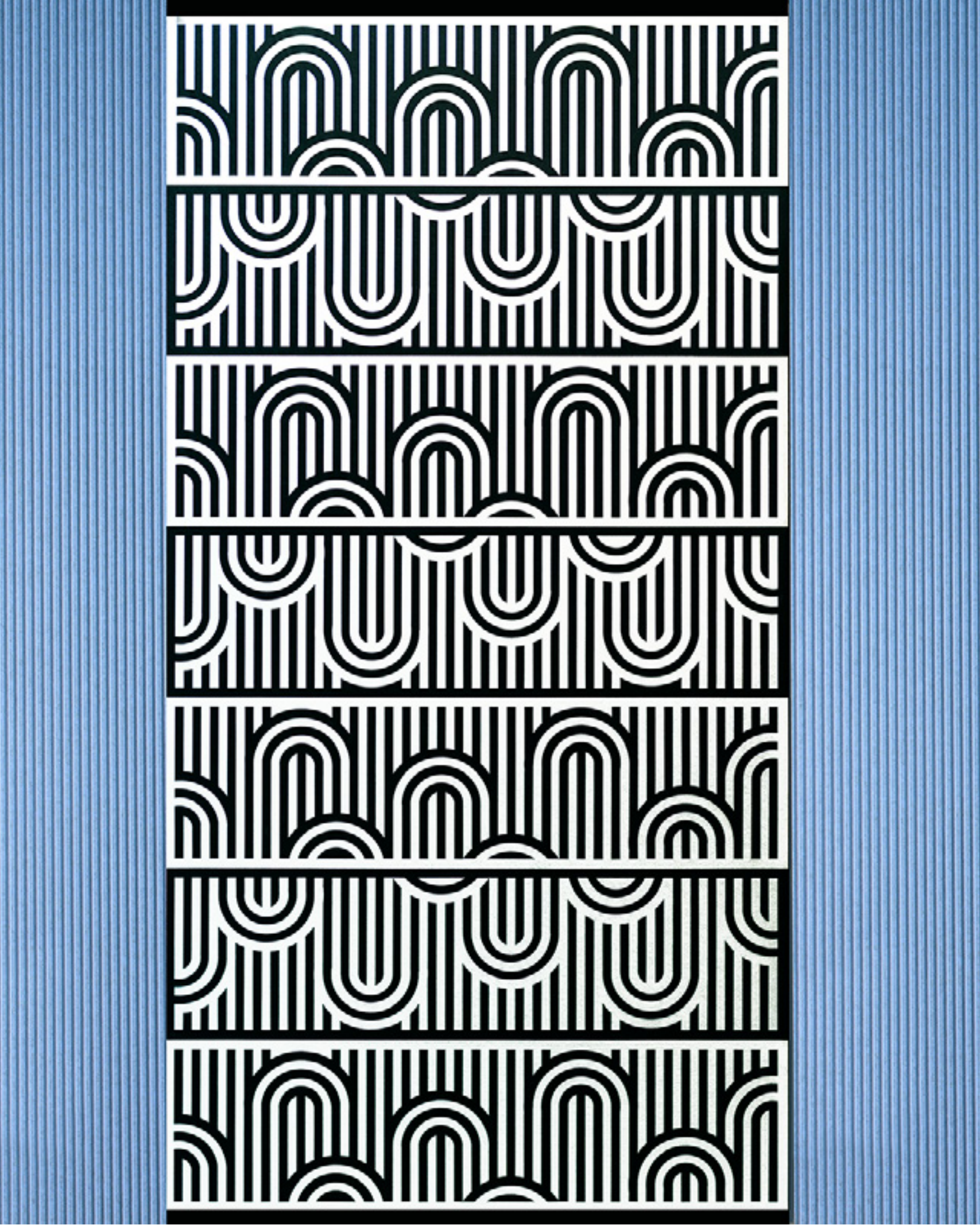
F

SIZE	THICKNESS	THICKNESS
1000x700 mm	50 mm	80 mm



# Mosaic Art Deco

The mosaic refers to the elegance of the 1920s, so it will fit perfectly into exclusive interiors.







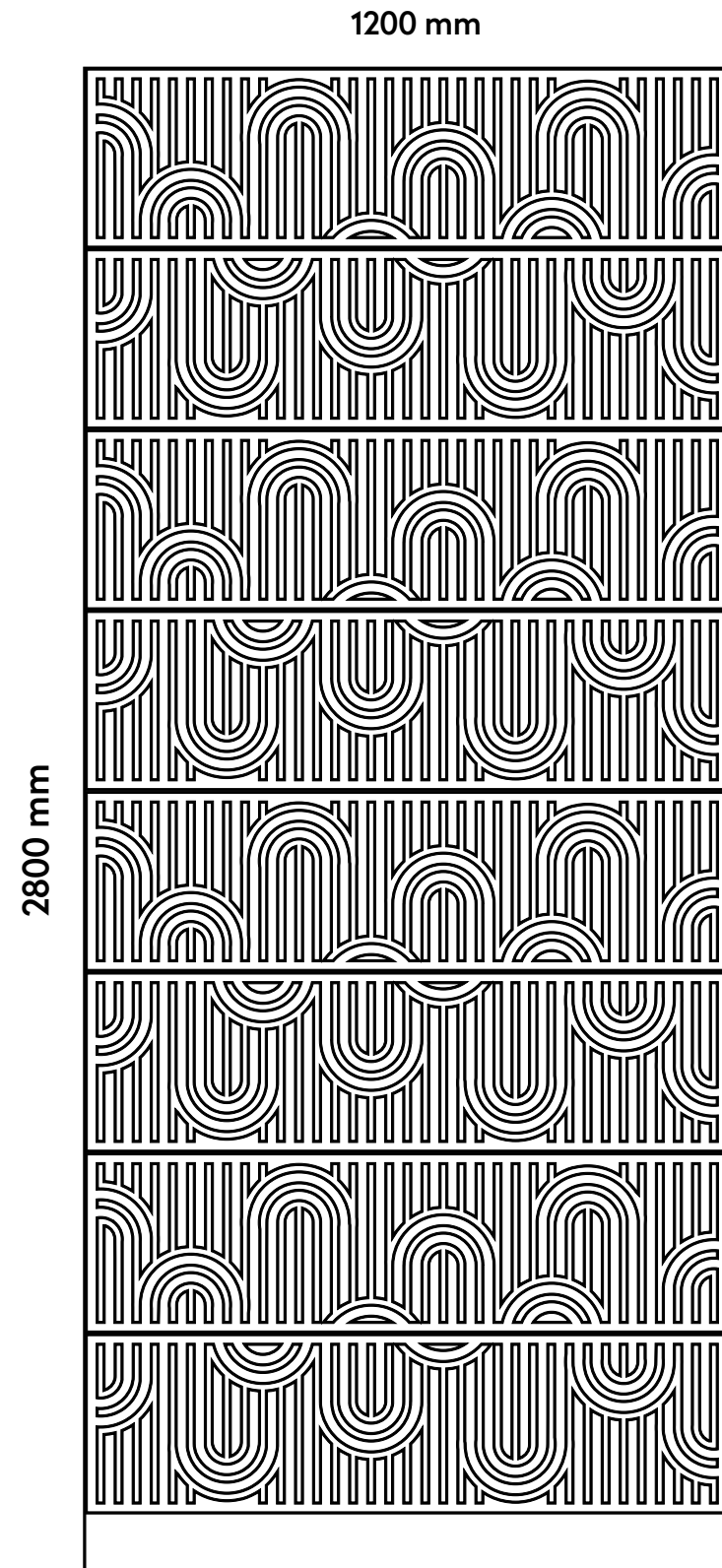
The elegant Art Deco style acoustic mosaic absorbs sound and reduces reverberation, bringing peace and harmony to the interiors in which it is used. Inspired by art, this premium product from the Bafeo brand provides a modern interior finish that enhances the comfort of the space. The pattern used: vertical lines and geometric sha-

pes, as well as curves in repeating patterns, bring harmony to interiors and blend perfectly with any other style.

Decorative and elegant, the pattern enhances the aesthetic qualities of the interior in which it is used. This makes it ideal for hotel interiors - lobbies, foyers and suites.



DETAILS



SIZE	THICKNESS
1200x2440 mm	9 mm
1200x2800 mm	12 mm



CONTACT

+48 537 705 880

[sjakubowska@creoconcept.pl](mailto:sjakubowska@creoconcept.pl)

**BAFEO**