ALPHA ACOUSTIKI

iZiSound

ECO FRIENDLY POLYESTER FIBER
ACOUSTIC PANELS

45+ years
In TUNE with YOUR needs

Table of contents

Page No.

#iZiSound 3
MATERIAL OVERVIEW

#iZiSound-Ortho. Felt 4
POLYESTER FIBER ORTHOGONAL ACOUSTIC

#iZiSound-Rec 5
POLYESTER FIBER RECTANGULAR ACOUSTIC PANELS

#iZiSound-Hexa 6
POLYESTER FIBER HEXAGONAL ACOUSTIC PANELS

#iZiSound-Petalo 7
POLYESTER FIBER TRIANGULAR ACOUSTIC PANELS

#iZiSound-Wave 8
POLYESTER FIBER WALL ACOUSTIC PANELS WAVE FORM ENGRAVE

#iZiSound-Ceiling 10
POLYESTER FIBER CEILING ACOUSTIC PANELS

#iZiSound-WoodSkin 12
ACOUSTIC PANELS WITH WOOD-EFFECT FINISH

#iZiSound Baffles 13
POLYESTER FIBER VERTICAL CEILING ACOUSTIC BAFFLES

#iZiSoun-Fly 14
POLYESTER FIBER CLOUD CEILING PANELS

#iZiSound Edge.TF 15
POLYESTER FIBER ANGULAR EDGE TOTAL FABRIC ACOUSTIC PANELS

iZi Sound

ECO FRIENDLY POLYESTER FIBER
ACOUSTIC PANELS

iZi Sound

Description

iZi Sound panels constitute an economical and environmentally responsible acoustic solution. They are produced from thermobonded recycled polyester fibers, entirely free from phenolic or formaldehyde binders, ensuring a chemically inert and low-emission material profile.

The PET felt component is derived from post-consumer plastic bottles, with each square meter incorporating the equivalent of 8 large bottles, contributing to circular-economy performance.

Color:	Black / White upon request
Thickness:	50mm
Weight:	2kg/m^2

Technical Summary

Eco friendly: Made primarily from recycled and fully recyclable materials, reducing environmental impact.

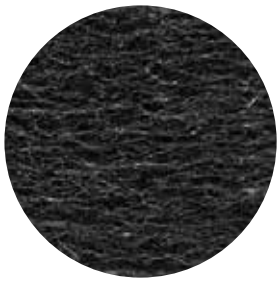
Light Weight & Flexibility: Easy to handle, cut and assemble.

Durable: Resistant to UV radiation, bacteria, microorganisms and insects,ensuring long service life.

Fire Performance: Self-extinguishing core per FMVSS 302:2011. Reaction to Fire: B-s2,d0 (EN 13501-1:2018).

Indoor Air Quality: ISO 16000 compliant; VOC-free and formaldehyde-free.

Acoustic Efficiency: High sound absorption capacity



Side View

Acoustic performance

The practical sound absorption coefficient (α_p) per square meter and the weighted sound absorption coefficient (α_w) according to ISO11654.1997, can be found in the following table:

Type: ***iZiSound.50mm***(α_p)	*125 Hz*	*250*	*500*	*1k*	*2k*	*4k*	Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
Sound Absorption Coefficient	0.30	0.65	0.85	0.95	0.90	0.95	0.90	A

iZiSound-Ortho.Felt

POLYESTER FIBER ORTHOGONAL ACOUSTIC PANELS

iZiSound-Ortho.Felt panels offer an ecological and accessible way to improve everyday acoustic comfort. They are made from thermo-bonded, recycled polyester fibers with no phenolic or formaldehyde binders, ensuring a safe, low-emission material profile.

Rectangular

Square

Available formats:

- *Square:* ***60 × 60 cm***
- *Rectangular:* ***120 × 60 cm***

Note: For available Felt Face color options, please refer to the dedicated selection page.

The panels are produced in square or rectangular formats with right-angle edges, presenting a clean, contemporary look. Their visible face features a thin **felt overlay** from the Standard Felt Face Color Selection, adding refined texture while keeping the construction lightweight.

Each panel is supported by a black acoustic backer plate, ensuring stable and consistent sound absorption. Designed as a cost-effective acoustic solution, the series combines a clean, Doric design language with full utilization of the material's active surface. Unlike shapes that generate material waste during cutting (such as hexagons) the rectangular layout maximizes usable area and enhances both visual simplicity and acoustic efficiency.

iZiSound-Ortho.Felt delivers simplicity, ecological responsibility and dependable acoustic performance, making it an ideal entry-level choice for a wide range of interior applications.

Wall Application

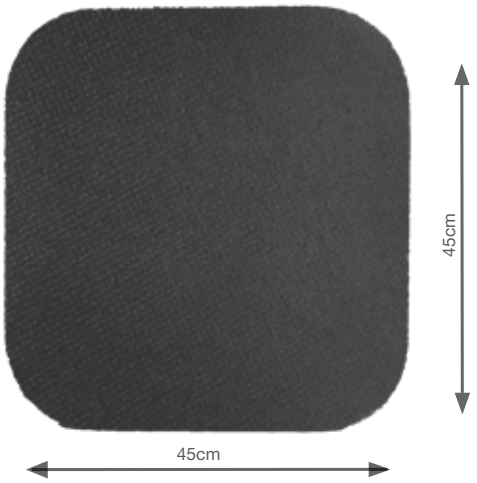
Acoustic Performance

Acoustic performance is specified on the relevant page within the material's general technical specifications.

Core color:
Black / White upon request

Thickness:
52 mm (Black) / 22 mm (White)

iZi Sound-Rec : Rectangle form



Front View

iZi Sound-Rec

iZi Sound-Rec utilizes its square geometry to deliver predictable acoustic performance and clean architectural alignment. The rectilinear form maximizes material surface utilization, making it an efficient choice for installations where coverage, modularity, and cost-effectiveness are key considerations. Its orderly proportions support simple grid layouts that align naturally with linear interior elements, such as lighting tracks, ceiling systems, or wall divisions.

Combined with its recycled PET felt construction, the REC panel offers a reliable, sustainable, and visually disciplined solution for acoustic improvement.

Front view area: 0.19m² Side edges area: 0.08m²

---

iZi Sound-Rec.Felt is a dedicated variant of the iZiSound-Rec series, featuring a front surface finished with a thin layer of colored Felt for added visual refinement and expanded tonal flexibility.

The side surfaces remain exposed in black, maintaining a clear and consistent perimeter outline.

Note: For available color options, please refer to the dedicated selection page.

iZi Sound-Rec.Felt
Color FM 02

---

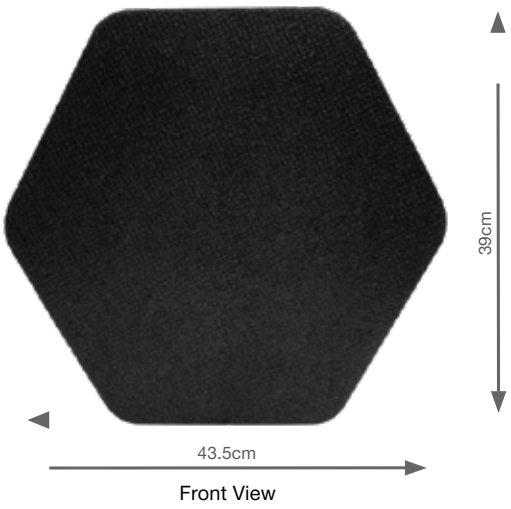
iZi Sound-Rec.Wood
Leaf

iZi Sound-Rec.Wood is a dedicated variant of the iZiSound-Rec series, featuring a melamine front surface with specially designed perforations that introduce a refined wood visual texture while supporting effective acoustic performance.

The black core remains visible both on the sides and through the perforated pattern, creating a pleasing visual contrast.

Note: For available design options, please refer to the dedicated selection page.

iZi Sound-Hexa : Hexagon form



iZi Sound-Hexa

iZi Sound-Hexa utilizes its hexagonal geometry to enhance acoustic performance by dispersing sound energy and reducing directional reflections. The six-sided form supports flexible pattern composition across small or large surfaces, enabling rhythmic, modular layouts that adapt to the architectural context.

Its geometric clarity offers a contemporary visual identity that integrates naturally into modern interiors. Combined with its recycled PET felt construction, the HEXA panel delivers a balance of acoustic efficiency, sustainable material use, and distinctive design expression.

Front view area: 0.13 m² Side edges area: 0.065m²

---

iZi Sound-Hexa.Felt is a dedicated variant of the iZiSound-Hexa series, featuring a front surface finished with a thin layer of colored Felt for added visual refinement and expanded tonal flexibility.

The side surfaces remain exposed in black, maintaining a clear and consistent perimeter outline.

Note: For available color options, please refer to the dedicated selection page.

iZi Sound-Hexa.Felt
Color FM 03

---

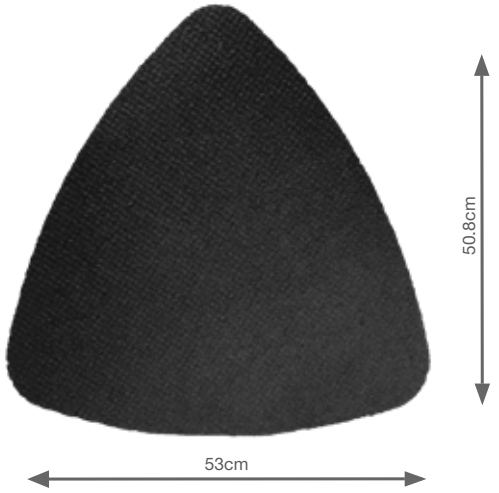
iZi Sound-Hexa.Wood
Jali

iZi Sound-Hexa.Wood is a dedicated variant of the iZiSound-Hexa series, featuring a melamine front surface with specially designed perforations that introduce a refined wood visual texture while supporting effective acoustic performance.

The black core remains visible both on the sides and through the perforated pattern, creating a pleasing visual contrast.

Note: For available design options, please refer to the dedicated selection page.

iZi Sound-Petalo : Triangle form



Front View

iZi Sound-Petalo

iZi Sound-Petalo utilizes its triangular geometry to introduce dynamic patterning and controlled acoustic diffusion. The three-sided form enables simple geometric arrangements, from directional layouts to more expressive patterns, allowing designers to shape both the acoustic and visual character of a space.

Its angular proportions support clear, structured layouts that integrate naturally into contemporary interior concepts. Combined with its recycled PET felt construction, the PETALO panel offers an effective, sustainable, and visually distinctive solution for acoustic enhancement.

Front view area: 0.19m² Side edges area: 0.08m²

---

iZi Sound-Petalo.Felt is a dedicated variant of the iZiSound-Rec series, featuring a front surface finished with a thin layer of colored Felt for added visual refinement and expanded tonal flexibility.

The side surfaces remain exposed in black, maintaining a clear and consistent perimeter outline.

Note: For available color options, please refer to the dedicated selection page.

iZi Sound-Petalo.Felt
Color FM 01

---

iZi Sound-Petalo.Wood
Bubble

iZi Sound-Petalo.Wood is a dedicated variant of the iZiSound-Rec series, featuring a melamine front surface with specially designed perforations that introduce a refined wood visual texture while supporting effective acoustic performance.

The black core remains visible both on the sides and through the perforated pattern, creating a pleasing visual contrast.

Note: For available design options, please refer to the dedicated selection page.

iZiSound-Wave

ECO FRIENDLY POLYESTER FIBER WALL ACOUSTIC PANELS WAVE form engrave

iZiSound-Wave panels provide an ecological, highly effective way to improve a room's acoustic quality. They are manufactured from thermo-bonded, recycled polyester fibers and contain no phenolic or formaldehyde binders. The panels are created as rectangular modules with smoothly rounded corners.

The visible face is covered with a denser layer of the same material, engraved with a continuous sine-wave pattern.

Behind every panel sits a black, sound-absorbing backer plate to ensure consistent acoustic performance.

iZiSound-Wave *Color Options*

Note: Felt Face color options are shown on the relevant page.

Description

PET felt polyester fibers used in iZiSound-Wave are sourced from recycled plastic bottles, making it a post-consumer material that significantly contributes to environmental sustainability.

Acoustic Performance

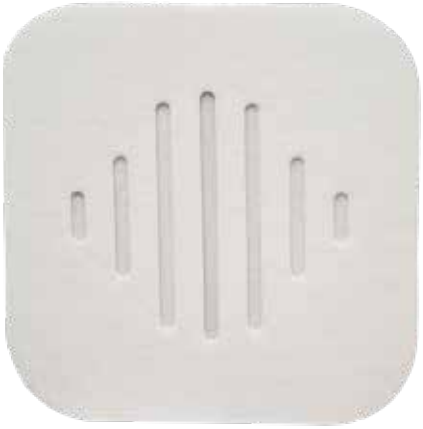
Acoustic performance is specified on the relevant page within the material's general technical specifications.

Color:	Black / White upon request
Dimensions:	45X45cm
Thickness:	52mm
Weight:	2.2kg/m^2

iZiSound-Wave.2W

ECO FRIENDLY POLYESTER FIBER
WALL ACOUSTIC PANELS WAVE form engrave

Special Edition – White-on-White Finish



iZiSound-Wave.2W

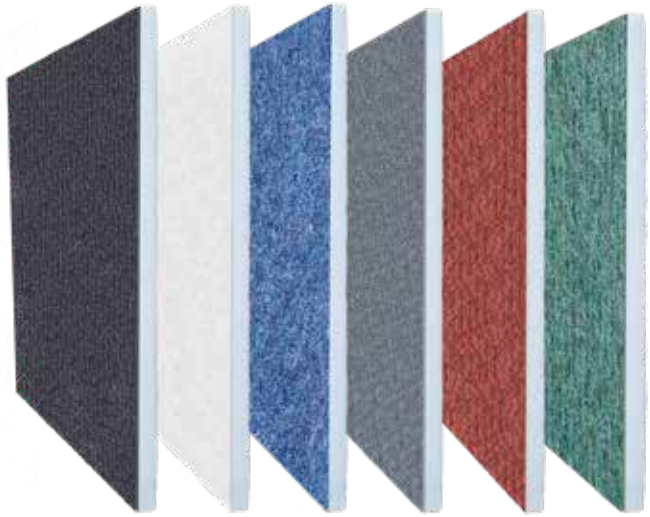
The iZiSound WAVE is now available in a refined all white configuration - iZiSound WAVE.2W white core and white felt, unified for a clean, discreet aesthetic. Made from eco-friendly polyester fibers, this edition delivers the similar key features in a cleaner, more cohesive look.

Base/Cover Color:	White
Dimensions:	45X45cm
Thickness:	22mm
Weight:	2.2kg/m^2

Suitable for these space

iZiSound-Ceiling

ECO FRIENDLY POLYESTER FIBER FRAMELESS ACOUSTIC CEILING PANEL FOR SUSPENDED GRID SYSTEMS



iZiSound-Ceiling *Color Options*

Note: Felt Face color options are shown on the relevant page.

iZi Sound-Ceiling is a frameless acoustic panel designed to replace conventional 600x600 mm false ceiling tiles, offering enhanced room acoustics and a refined architectural finish.

Its visible surface is covered with an acoustically transparent thin felt, available in a variety of modern colors, allowing it to blend seamlessly with different interior designs.

Manufactured from thermo-bonded, recycled polyester fibers, it is free from phenolic resins and formaldehyde, ensuring a safe and sustainable solution.

Description

The panels fit precisely into standard metal ceiling grids, providing quick installation and excellent acoustic performance by reducing flutter echoes and reverberation, thus improving speech intelligibility and acoustic comfort.

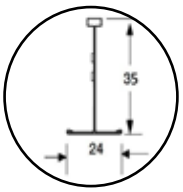
Color:	White/(Black for 52mm)
Dimensions:	59.5X59.5cm
Thickness:	25 or 52mm
Weight:	600gr/pc

Acoustic performance

The iZiSound-Ceiling is specifically engineered to deliver high acoustic performance, achieving maximum sound absorption within its targeted frequency range. According to ISO 354:2003 and ISO 11654:1997, the panel's sound absorption index (α_s), indicative practical absorption coefficient (αp), and weighted sound absorption coefficient (α_w) demonstrate excellent results, reaching up to Class A, depending on the panel thickness and the void space above the ceiling.
Acoustic efficiency can be further improved by integrating iZiFON.50 sound-absorbing slabs into the void above the false ceiling.

Installation

iZiSound-Ceiling Acoustic Panels can be easily installed on standard T-bar suspended ceilings, either as a direct replacement for existing tiles or as part of a new layout. Lightweight and precise, they fit securely without additional tools, providing a seamless finish and immediate acoustic improvement.



T-Bar Profile Section
(Not Included)

Application

iZiSound-WoodSkin

ACOUSTIC PANELS WITH WOOD-EFFECT VELVET FINISH

iZiSound-Woodskin *Shape Options*

iZiSound-WoodSkin is a surface finish variant within the iZiSound acoustic panel system, developed to offer a **wood-inspired visual appearance** while maintaining **identical acoustic performance**.
The panels are covered with a **high-density velvet fabric featuring a wood-effect surface**, providing the visual characteristics of timber without introducing reflective rigid materials.

Due to the pile structure of the velvet fabric, **all panels must be installed with the fibers oriented in the same direction** to ensure a uniform visual appearance.

iZiSound-WoodSkin
Core slab in black, 50 mm thickness as standard. White core, 20 mm thickness available upon request.

iZiSound-WoodSkin pattern option

WS- 001

WS- 002

WS- 003

WS- 004(=3730)

Acoustic performance

Acoustic performance, specified on the relevant page within the material's general technical specifications.

iZiSound-Baffles

ECO FRIENDLY POLYESTER FIBER VERTICAL CEILING ACOUSTIC PANELS

iZiSound-Baffles - Sine

iZiSound-Baffles are acoustic vertical suspended panels, made of PET felt polyester compressed fibers produced in a variety of standard shapes, designs and sizes.

They offer a better acoustic interior environment by reducing noise reflections and reverberant noise.

They are highly sound absorbent thanks to the two high sound absorbing sides of the baffles.

Vertical Acoustic Baffles can easily be hung from the ceiling with their simple two-point hanging system at the top of the panel.

STANDARD BAFFLES MODELS

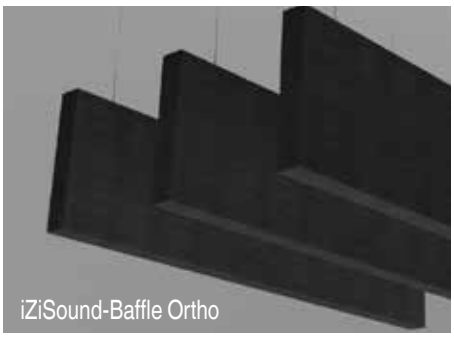
Visual	Type	Dimensions (cm)
	Baffle Ortho	120 x 30 120 x 60
	Baffle Curve	120 x 30 120 x 60
	Baffle Sine	120 x 30 Max. 120 x 60 Max.

Color: Black / White upon request

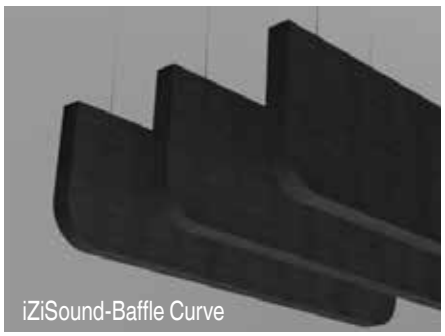
Thickness: 50mm

Weight: 2kg/m²

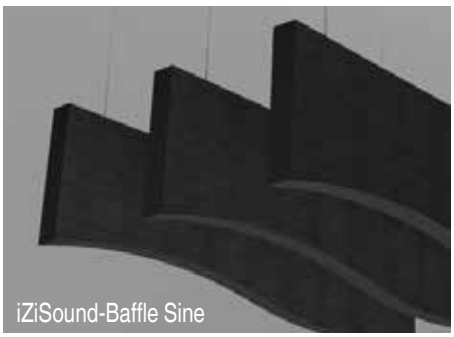
Other dimensions and shapes upon request with minimum order quantity.



iZiSound-Baffle Ortho



iZiSound-Baffle Curve



iZiSound-Baffle Sine

iZiSound-Baffles-TF : Ortho Baffles can be upholstered on their sides with sound-permeable fabric from our wide range of acoustic fabric options.

Note: Acoustic performance is specified on the relevant page within the material's general technical specifications.

iZi Sound-Fly

ECO FRIENDLY POLYESTER FIBER HORIZONTAL CEILING ACOUSTIC CLOUDS

iZi Sound-Fly Curve composition

iZi Sound-Fly are acoustic horizontal suspended clouds, made of PET felt polyester compressed fibers produced in a variety of standard shapes, designs and sizes.They offer a better acoustic interior environment by reducing noise reflections and reverberant noise.

They are highly sound absorbent thanks to the two high sound absorbing sides of the cloud. Horizontal Acoustic Clouds can easily be hung from the ceiling with their simple eye bolts hanging system at the top of the panel.

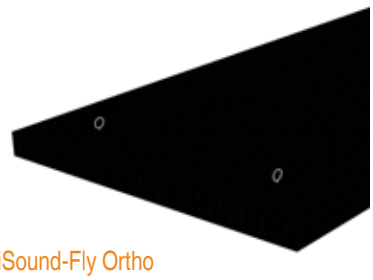
The clouds can have either a PET felt finish or be covered on one side with a special sound transparent fabric, offering a wide range of color options.

STANDARD FLY MODELS

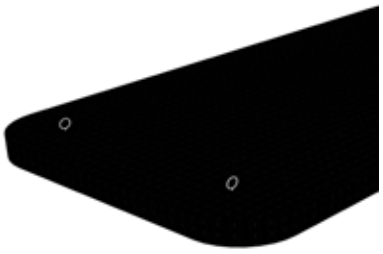
Visual	Type	Dimensions (cm)
	Fly Ortho	120 x 60
	Fly Curve	120 x 60
	Fly Kiklos 60	Φ 58

Color: Black / White upon request
Thickness: 50mm
Weight: 2kg/m²

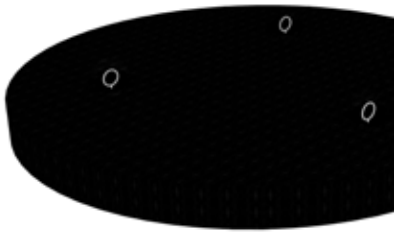
Other dimensions and shapes upon request with min order quantity.



iZiSound-Fly Ortho



iZiSound-Fly Curve



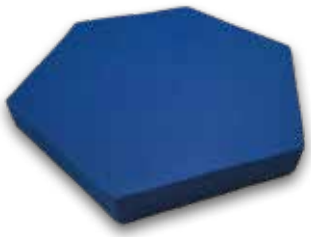
iZiSound-Fly Kiklos

Rear side ready for Closed Hook Eye mounting.

Note: Acoustic performance, specified on the relevant page within the material's general technical specifications.

iZiSound-Edge.TF

ECO FRIENDLY POLYESTER FIBER ANGULAR EDGE TOTAL FABRIC ACOUSTIC PANELS



The *iZiSound-Edge.TF* acoustic panels combine full fabric coverage with a sleek Angular Edge design, offering strong sound absorption and a clean, modern look.

The core of the panel is made from iZiFON, an eco-friendly polyester fiber slab derived from recycled plastic bottles, with B-s2,d0 reaction to Fire classification. This material effectively captures sound, minimizing reverberation time and significantly improving vocal clarity.

Visual	Type	Dimensions (cm) Standard thickness: 5 cm
	iZiSound - Edge.TF Rec	60 x 60 120 x 60
	iZiSound - Baffle. Ortho.TF	30 x 120 60 x 120
	iZiSound - Edge.TF Hexa	Φ 55 (external)
	iZiSound - Edge.TF Kiklos	Φ 58

Other dimensions and shapes upon request with minimum order quantity.

THE COVER FABRIC

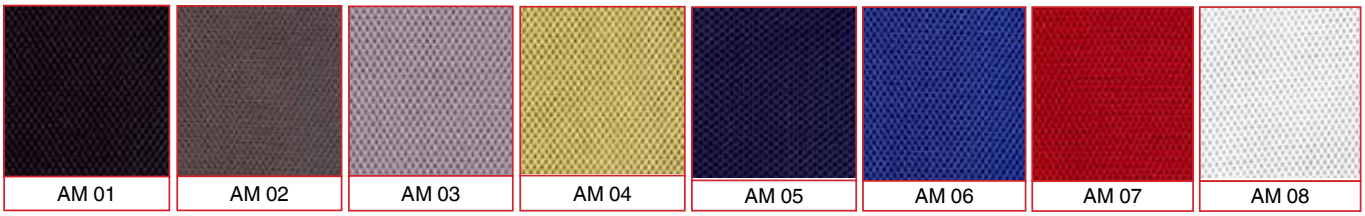
The fabric covering is made from our acoustically transparent **ALPHAcoustic-CL.Air Mesh collection**, featuring a 3D mesh structure available in multiple colors. The fabric color collection can be found on the corresponding page.

iZiSound-Edge.TF panels available in three shapes—rectangular/parallelogram, hexagon, and circular—each offering a distinct look. Custom patterns are available on request (MOQ applies).

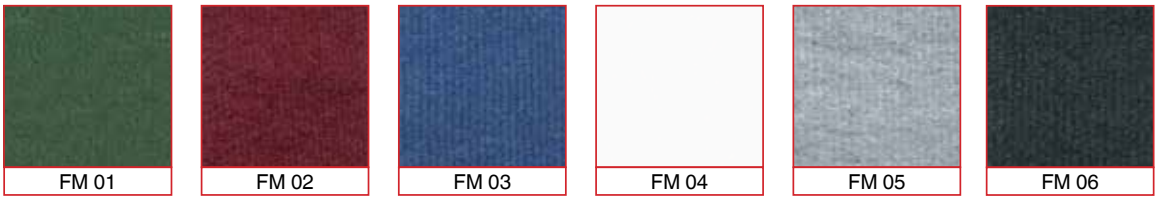
THE FABRIC COLOR COLLECTION

The TOTAL FABRIC (TF) panels can be upholstered with our Air-Mesh sound-permeable acoustic fabrics, offered in a curated collection that ensures full acoustic transparency and a seamless surface finish.
The color options are shown below.

For additional types of acoustic fabrics, please contact our technical department at tech@ALPHAcoustic.com.



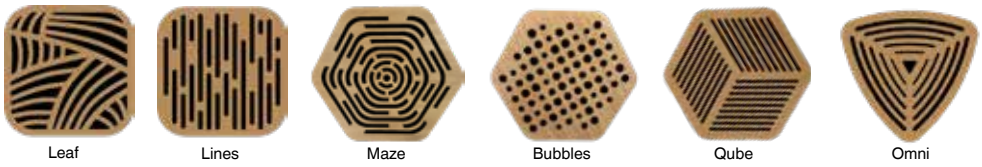
STANDARD FELT FACE COLOR



Color Matching
Batch to batch variations in shade may occur with commercial tolerances.
Photographic felt scans are not color accurate. Always request actual felt samples, before ordering.

STANDARD WOOD FACE PATTERN COLLECTION

Optional perforated wood face available in multiple patterns.
Visit our website for the full range.
Custom designs on request.



INSTALLATION

Wall Mounting

Panels can be mounted on the wall using a suitable contact adhesive (please inquire) or by attaching the metal coil element on the back, allowing simple suspension with a small nail or an L-shaped screw.
The number of suspension points depends on the panel size, and both methods may be combined.

Ceiling Suspension

When used as horizontal ceiling clouds, iZiSound-Edge panels must be ordered with a rear fitting suitable for wire-rope suspensions. Vertical Acoustic Baffles can be hung from the ceiling using their two-point top suspension system, using either the included Closed Hook Eyes or the optional height-adjustable stainless-steel wire ropes.

ACCESSORIES

Metal Coil Hook
(Not Included)

Closed Hook Eye
(Included)

Vertical hanger system with stainless steel wire and height adjustable roof suspension.
(upon request)

LEGAL NOTICE

Due to reproduction, catalogue colors and quality may differ from the actual product. Always select products from samples. Customers are responsible for ensuring suitability for their intended use. Technical data may change without notice; refer to the latest data sheets at www.ALPHAcoustic.com.
Information is based on tests and calculations in good faith and serves as a guideline. We are not liable for printing or spelling errors.

ALPHA ACOUSTIKI

45+ years
In TUNE with YOUR needs

ALPHA ACOUSTIKI S.A. unites decades of acoustic expertise
with in house production capabilities,
led by an Engineering team active in room acoustics
since 1980.

Our technical department *(tech@alphacoustic.com)*
would be happy to help you find the best acoustic solution
for your project.

Copyright by Alpha Acoustiki S.A.| 04-26

SUSTAINABILITY
SEE OUR ACTIONS

GET IN TOUCH

ALPHA ACOUSTIKI S.A.
EUID ELGEMI: 004207401000

T: +30 210 6779875

info@alphacoustic.com
www.alphacoustic.com

*Design and Production according to Quality Management System **ISO 9001.2015** & Environmental Management System **ISO 14001.2015**.*