

ALPHA ACOUSTIKI

Architectural Acoustics



ALPHA^{acoustic}-Ortho

RECTANGLE CORNER ACOUSTIC PANELS



45+ years
In **TUNE** with **YOUR** need

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RECTANGLE ACOUSTIC PANELS



ALPHAcoustic-AB.Ortho

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SELF-STANDING ACOUSTIC PARTITION



ALPHAcoustic-Desk.Ortho

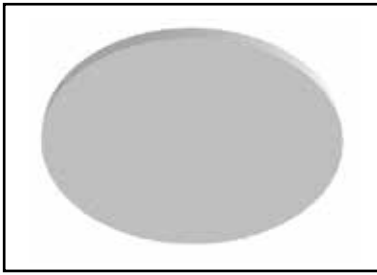
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ALPHAcoustic-AP.Ortho

RECTANGLE ACOUSTIC PANELS



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DESCRIPTION

ALPHAcoustic-AP.Ortho are rectangular acoustic panels totally wrapped with acoustic transparent fabric. They offer reduction of disturbing noise reflections, improving the interior acoustics, reducing the reverberated noise, offering a better acoustic environment.

They can be installed on Walls and/or Ceilings

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Discos
- Waiting rooms
- Classrooms
- Teleconference Rooms
- Call Centers



ACOUSTIC CHARACTERISTICS

ALPHAcoustic-AP.Ortho is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

ALPHAcoustic-AP.Ortho Type:	Practical Sound Absorption Coefficient α_p						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 30 mm	0.05	0.3	0.75	0.8	0.9	0.85	0.8	B
Thickness 50 mm	0.20	0.75	0.9	1	1	1	1	A
Thickness 75 mm	0.45	0.95	1	1	1	1	1	A

Acoustic results from accredited lab tests on 50 mm panels.



INSTALLATION

Rectangular Acoustic Panels **ALPHA**coustic-AP.Ortho can easily be placed on the wall and the ceiling with their simple hanging system at the back of the panel.

Please specify the intended application for more installation options.

EXTERNAL COVERING

Acoustic panels are available with different external covering depending on the aesthetics of each project. The most common is a special sound transparent fabric with high endurance and excellent quality. They are available in various colours and can be self extinguished (*Flammability test EN13501-1 Class B, s2, d0*).

For more color options, please refer to our sound transparent fabric **ALPHA**coustic-CL. Due to their increased sound transmissibility, the sound absorption capabilities of the internal material are not affected.



ALPHAcoustic-AP.Ortho can be produced in different shapes, dimensions and thickness upon request.

Special Edition

ALPHA_{acoustic}-WoodSkin. Panels

ACOUSTIC PANELS WITH WOOD-INSPIRED FINISH

ALPHA_{acoustic} - WoodSkin. Panels combines high acoustic performance with the warm visual character of a wood-inspired finish, offering an elegant solution for spaces that require both aesthetic refinement and effective sound control.

Designed with flexibility in mind, it adapts easily to diverse architectural concepts while maintaining the reliable acoustic behavior of the ALPHA_{acoustic} panels series.



ALPHA_{acoustic}-AP - WoodSkin.
Orthogonal Acoustic Panels



ALPHA_{acoustic}-AB - WoodSkin.
Orthogonal Acoustic Baffles

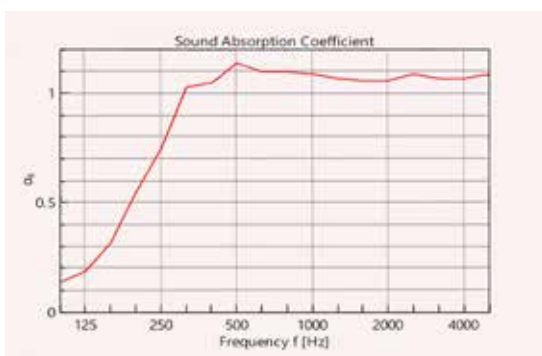


ALPHA_{acoustic}-Kiklos - WoodSkin.
Circle Acoustic Panels

ACOUSTIC CHARACTERISTICS

ALPHA_{acoustic} - WoodSkin. Panels is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented in the corresponding performance graph.



Acoustic results from accredited lab tests on 50 mm panels.

- Weighted Sound Absorption Coefficient $\alpha_w = 1$
- Sound Absorption Class = A

INSTALLATION

ALPHAcoustic - WoodSkin. Acoustic Panels are designed for straightforward installation on wall or ceiling surfaces. Each panel is equipped with an integrated rear hanging system that allows secure and precise mounting on the wall. For ceiling suspension applications, a dedicated hanging system with height-adjustable wire cables is available, ensuring accurate leveling and safe load distribution.

KEY FEATURES

- Wood-effect finish offering the warmth of natural timber with an acoustically transparent fabric
- Broadband sound absorption matching the performance of the ALPHAcoustic AP series
- Non-reflective construction without rigid materials for consistent acoustic behavior
- Custom production tailored to project-specific requirements
- Thickness options: 30, 50, 75, 100 mm
- Flexible dimensions for the rectangular panel format
- Multiple shapes available: rectangular, polygonal, circular.



ALPHAcoustic - WoodSkin. Panels can be produced in different shapes, dimensions and thickness upon request.

Note: Acoustic WoodSkin finish – pattern and color options are shown on the relevant page.

ALPHA**coustic**-AB.Ortho

ACOUSTIC VERTICAL BAFFLES



VERTICAL ACOUSTIC BAFFLES

ALPHAcoustic-AB are vertically hung acoustic baffles covered with acoustic fabric. They offer a better acoustic interior environment by reducing noise reflections and reverberant noise. They offer high sound absorption thanks to the two high sound absorbing sounds of the baffles.



TECHNICAL CHARACTERISTICS

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

They are available in different external sound transparent fabrics and colours, depending on the aesthetics of each project.

They are available in various colours and can be self extinguished (*Flamability test EN13501-1 Class B, s2, d0*).

Standard dimensions 120x60cm and 120x30cm
Regular thickness 50-75-100mm
(Other dimensions & thicknesses upon request)

ACOUSTIC CHARACTERISTICS

ALPHAcoustic-AB is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

Indicative sound absorption coefficient (α_N) for baffles with dimensions 1200x600x80 mm with 600 mm spacing according to ISO 354:2003, can be found in the following table:(where (α_N) is the equivalent sound absorption surface per object).

Type: ALPHA coustic- AB 1200x600x80mm	Frequency (Hz)					
	125	250	500	1000	2000	4000

Depending on the requirements of each application and in order to achieve sound absorption in a wide range of frequencies, a combination of different sound absorptive materials can be applied.

In order to determine the required quality and configurations of acoustic baffles an acoustic study is recommended.

VERTICAL ACOUSTIC BAFFLES WITH LIGHT

ALPHAcoustic-AB.LIGHT are acoustic baffles with the same shape, size and materials having light attached at the bottom side. They can be combined with plain baffles to create a custom ceiling design according to the requirements of the project.

Standard dimensions:
1,15mX40cmX36mm

Other dimensions available upon request.

Light characteristics:
Standard length: 114cm - 2639 lumen output
CRI 80 and optionally 90
CCT: 3000K/4000K/2700K/6500K
Diffuser: Opal/ Micro Prismatic Opal/ Black diffuser
Driver: ON/OFF or dimable



APPLICATION EXAMPLES

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Discos
- Waiting rooms
- Classrooms
- Teleconference Rooms
- Call Centers



The acoustic baffles **ALPHA**coustic-AB can be produced in different shapes, dimensions and thickness upon request.

ALPHA

coustic-AM.Ortho

SELF-STANDING ACOUSTIC PARTITIONS



DESCRIPTION

ALPHAcoustic-AM.Ortho are floor free-standing sound absorbing partitions. They are designed to offer a flexible solution in a variety of room acoustics issues.

The panels are self-standing and do not need floor mounting. They can easily be installed, removed or relocated offering the flexibility of on-the-spot space rearrangement according to the uses functional needs in real time.

They are designed to offer a quiet and professional atmosphere in workspaces that promotes the employees' productivity and well-being. They improve sound diffusion, increase sound absorption, noise insulation and prevent standing waves generation.

The panels are made of a rigid internal frame that is covered with sound-transparent fabric available in different colours on both sides. Its core consists of a special sound absorbing material. Additional internal protection membrane can be added for enhanced acoustic results.

For custom aesthetic options, images and designs such as your company's logo, quotes and custom designs can be printed on the acoustic fabric ALPHAcoustic CL.Art.

ACOUSTIC CHARACTERISTICS

ALPHAcoustic-AM.Ortho is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

ALPHAcoustic- AM.Ortho Type:	Practical Sound Absorption Coefficient (α_p)						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 50 mm	0.20	0.75	0.9	1	1	1	1	A



Special Edition

ALPHACOUSTIC-WoodSkin. AM

WOOD-LOOK FINISH • FREE-STANDING ACOUSTIC PARTITION

Woodskin.AM is a free-standing on the floor acoustic partition featuring a high-performance sound-absorbing core and a fabric surface with a refined wood-printed finish that replicates the warmth and texture of natural timber.

Designed for open-plan environments, it provides effective sound absorption, improving speech privacy and reducing sound reflections within the room. Its self-supporting construction requires no floor mounting, enabling rapid placement and flexible reconfiguration of interior layouts.

WoodSkin-AM combines acoustic efficiency with a natural, architectural aesthetic suitable for contemporary workspace design.

Note: Acoustic WoodSkin finish – pattern and color options are shown on the relevant page.



ALPHAcoustic-Woodskin.AM

APPLICATIONS

ALPHAcoustic-AM.Ortho can be applied at “open plan” spaces to visually and acoustically separate different parts of the room. For example, they can be applied at accounting offices, call centers etc, where phone communications frequently occur, to reduce the disturbance of neighboring employees.

Another application example is in studios to lightly separate room parts where music sound is produced, increase the sound absorption and deffusion etc.



ALPHA **acoustic**-Desk.Ortho

DESK ACOUSTIC PARTITIONS



DESCRIPTION

ALPHAcoustic-Desk.Ortho are sound absorptive and noise insulation partitions for office desks, that offer a flexible solution in acoustic problems in offices. They improve the sound absorption and create a better acoustic working environment. Therefore they increase the productivity of individual employees by offering a quiet and well-being professional atmosphere.

These partitions are made of rigid internal frame and can be covered with sound-transparent fabric available in different colours on both sides.

Internally they contain acoustic fibrous infill, that offers a broad range of sound absorption in all frequency spectrum, which can be covered with additional internal protection membrane.

ACOUSTIC CHARACTERISTICS

ALPHAcoustic-Desk.Ortho is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

ALPHAcoustic-Desk.Ortho Type:50	Practical Sound Absorption Coefficient (α_p)						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 50 mm	0.20	0.75	0.9	1	1	1	1	A

ALPHAcoustic Desk can be constructed in *any shape and size*, so as to satisfy the specific ergonomic and aesthetic needs of the office.



APPLICATIONS

ALPHAcoustic-Desk.Ortho can be applied on most types of office desks to visually separate and acoustically isolate "open plan" spaces such as accounting offices, call centers etc.

They can be easily placed and there is no need of special tools. It can be installed on a desk using a particular fixing component with easy adjustment, without destroying the surface of the desk.

They are available in various colours and can be self extinguished (*Flamability test EN13501-1 Class B, s2, d0*).

Special Edition

ALPHACOUSTIC-WoodSkin. Desk

WOOD-LOOK FINISH • DESK-MOUNTED ACOUSTIC DIVIDER

Woodskin.Desk is a tabletop desk-mounted acoustic divider constructed with a high-performance sound-absorbing core and a fabric surface featuring a wood-printed finish. It is designed to enhance speech privacy and reduce near-field noise transmission between adjacent workstations in open-plan environments.



The panel delivers effective sound absorption, enhancing acoustic comfort at desk level, while its premium wood-look finish and refined surface texture introduces a warm, natural aesthetic that elevates the visual appeal of any workspace environment.

Note: Acoustic WoodSkin finish – pattern and color options are shown on the relevant page.

ALPHAcoustic-Woodskin.Desk

TYPICAL APPLICATIONS



ALPHA**coustic**-ACu.Reverb

SOUND ABSORBING CURTAINS



SOUND-ABSORBING CURTAIN



ACu.Reverb Sound-Absorbing Curtains are designed to absorb sound energy and improve room acoustics. Acoustic curtains can be utilized as a cover for a window or wall to improve the reverberation time of a room.



- Low cost acoustic solution
- Achieve variable reverberation time
- Versatility of shapes
- Easy to install/ move
- Low space requirement
- Tailored to your needs
- Sun/Artificial light control

ACu.Reverb is offered in a variety of fabric types to cover more aesthetic requirements and additional needed features.

- Cotton
- Velour
- Felt
- Wool
- WoodSkin
- Velvet FR

MAIN ASPECTS TO CONSIDER



The main aspects to consider while choosing your tailored-to-your-needs sound absorbing curtain are:

- Desired sound absorbing results
- Light control needs
- Material/fabrics
- Size (greater than the opening)
- Hardware (hanging system type)
- Aesthetics

ACOUSTIC DATA

For each type of sound-absorbing curtain, official certifications on its acoustic performance are available upon request.



Officially certified

Weighted sound absorption coefficient α_w measured according to ISO 354 and ISO 11654

ACu.Reverb-WoodSkin

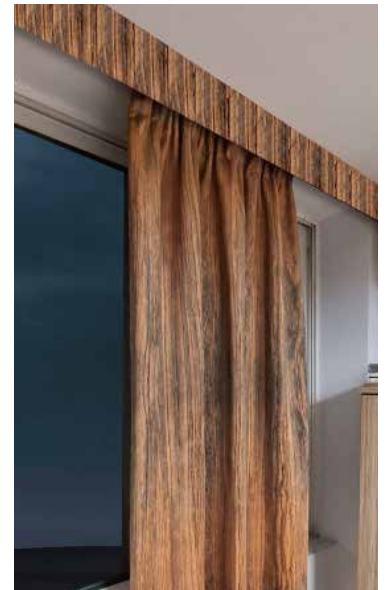
ACOUSTIC CURTAINS WITH WOOD-EFFECT

ACu.Reverb - Woodskin. Acoustic curtains are designed to improve room acoustics while maintaining a clear architectural language inspired by natural materials and wood-based interiors. They are manufactured from high-density velvet fabric, offering effective sound absorption and controlled reduction of reverberation.

One side features a wood-effect printed surface, providing the visual warmth of wood without the acoustic limitations associated with rigid or reflective materials. The result is an acoustic solution with a strong wooden appearance, integrating naturally into spaces dominated by timber, neutral palettes, and biophilic design concepts, while remaining flexible and easy to implement.

ADVANTAGES

- Wood-effect architectural appearance
- Effective sound absorption and reverberation control
- Thermal insulation
- Sunlight control
- Easy and non-invasive installation
- Ability to achieve variable reverberation time



ACu.Reverb-Woodskin
Acoustic Wood Effect Curtains

TECHNICAL CHARACTERISTICS

The estimated weighted sound absorption coefficient can reach $\alpha_w = 0.7$, according to ISO 11654. Acoustic performance depends on the curtain pleating and the distance from the wall.

Curtain supplied ready for installation

Material: Polyester velvet type fabric

Standard width: 1.5 m

Height: According to project requirements

PATTERN SELECTION AND PREFERENCES

A selection of standard wood-effect designs are available on following page.



Note: Acoustic WoodSkin finish – pattern and color options are shown on the relevant page.

RAIL SYSTEM



The standard tracking system of **ACu.Reverb** consists of a heavy duty aluminum rail with gliders where the sound absorbing curtain can easily be moved, heavy duty hooks and mounting accessories.

- Wall or ceiling hanging systems available.
- Fitting methods and hanging rail system selected based on project requirements.
- Polyethylene slides & track gliders in accordance to curtain's weight.

Moving method options:

- By hand
- Cord operated
- With electric motion (wall mounted switch or remote control)



Motorized system

ADDITIONAL FEATURES AVAILABLE UPON REQUEST

- Flame retardant fabrics
- More external fabric finishes
- Rail system options (colours, dimensions, forms, types)

APPLICATION EXAMPLES



For sound-proofing curtains instead of sound-absorbing ones, we invite you to be informed about the series of acoustic curtains **A.Cu-Noise** with three layers of fabric, certified sound-proofing performance and an extensive range of aesthetic options.

Our team of acoustic engineers will assist you in choosing the acoustic curtain type with the most suitable acoustic properties for your project.

ALPHA **coustic** - ACu.Noise

SOUND PROOFING CURTAINS



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SOUND-PROOFING CURTAIN



ACu.Noise Acoustic Sound-Proofing Curtains are designed to reflect and absorb sound energy, reduce noise and improve room acoustics.

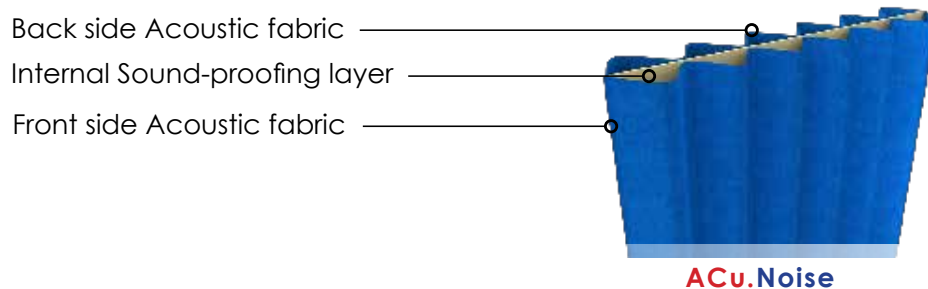
Acoustic curtains can be utilized as a cover for a door or window to improve sound insulation from external noise. Also, they can be used to divide a room in domestic and commercial applications to form divided spaces such as separate offices, quiet zones, think tanks, conference halls etc.



- Low cost acoustic solution
- Flexible space divider
- Versatility of shapes
- Easy to install/ move
- Low space requirement
- Aesthetics
- Tailored to your needs

SOUND-PROOFING CURTAIN - MULTI LAYER

With the interpolation of high mass fabrics/membrane between the external face fabrics, **ACu.Noise** curtains achieve sound insulation values at least 13dB.



MAIN ASPECTS TO CONSIDER



The main aspects to consider while choosing your tailored-to-your-needs sound blocking curtain are:

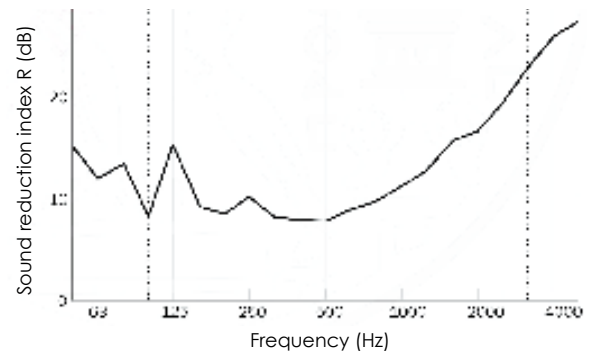
- Desired sound proofing results
- Material/fabrics
- Size (greater than the opening)
- Hardware (hanging system type)
- Aesthetics

ACOUSTIC DATA



Sound proofing curtain system can achieve up to 13dB of sound reduction confirmed in independant lab testing.

Rw(C.Ctr) = 13 (-1,-2)
according to
ISO 10140-2:2010 and
ISO 717-1:2013



ACu.Noise sound proof curtains are used for light noise transmission reduction in selected cases, with careful installation detailing. For better acoustic results, the surrounding flanking paths need to be designed for sealing (for example with ceiling recess surrounding the rail, overlapping the opening etc)

ADDITIONAL FEATURES AVAILABLE UPON REQUEST

- Flame retardant fabrics
- More than three layers for better results
- More external fabric finishes
- Rail system options (colours, dimentions, forms, types)

RAIL SYSTEM

The standard tracking system consists of a heavy duty aluminum rail with gliders where the sound curtain can easily be moved, heavy duty hooks and mounting accessories.

- Wall or ceiling hanging systems available.
- Fitting methods and Hanging rail system selected based on project requirements.
- Polyethylene slides & track gliders in accordance to curtain's weight.

Moving method options:

- By hand
- Cord operated
- With electric motion (wall mounted switch or remote control)



Motorized system

For sound-absorbing curtains instead of sound-proofing ones, we invite you to be informed about the series of acoustic sound absorbing curtains A.Cu-Reverb with a single layer of fabric, from a very extensive range of aesthetic options, with certified sound absorption.

Our team of acoustic engineers can assist in choosing the acoustic curtain type with the most adequate acoustic properties for your project.

ALPHA **coustic** - Kiklos.Ortho
ACOUSTIC CIRCLE PANELS



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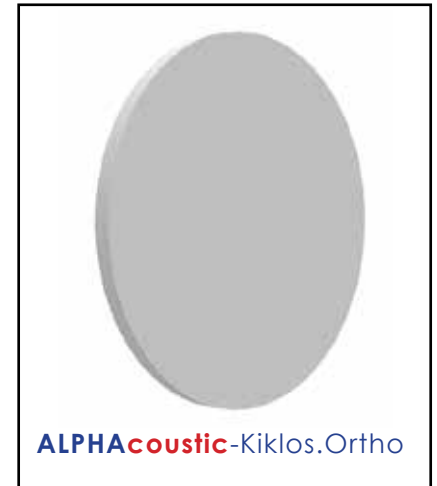
DESCRIPTION

The acoustical circle panels **ALPHAacoustic-Kiklos.Ortho**, is a sound absorption cloud acoustic item. The panels are totally wrapped with an acoustic transparent fabric. They offer reduction of the disturbing noise reflections improving the interior acoustics, reducing the reverberated noise. They provide a vibrant special look to your hall.

It can be installed on Ceilings and/ or Walls.

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Call Centers
- Waiting rooms
- Classrooms
- Meeting rooms
- Gyms



TECHNICAL CHARACTERISTICS

Max. Diameter	600-800-1200 mm (Other dimension upon request.)
Thickness	50 mm
External covering	Upholstered according to our wide range of fabrics. Please refer to our ALPHAacoustic-CL sound transparent fabric collection, or any digital print textile
Suspension system	3-4 gable hangers, with ceiling fixing
Lighting system	Kiklos panels can be equipped with LED lighting system.A Please refer to ALPHAacoustic -Fos .

ACOUSTIC CHARACTERISTICS

ALPHAacoustic-Kiklos.Ortho: The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

ALPHAcoustic- Kiklos.Ortho Type:	Practical Sound Absorption Coefficient (α_p)						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 30 mm	0.05	0.3	0.75	0.8	0.9	0.85	0.8	B
Thickness 50 mm	0.20	0.75	0.9	1	1	1	1	A
Thickness 75 mm	0.45	0.95	1	1	1	1	1	A

INSTALLATION

The installation of the wave acoustical panels is easy, simple and quick.

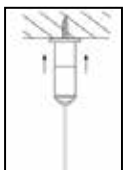
The panels can be suspended from the ceiling by 3 or 4 flexible stainless steel cables, which are fixed at the backside of the panel. The height can be adjusted, as required, to achieve the horizontal position of the panel.

The cloud mounting kit includes the necessary wire ropes and simple locks with height regulation.

Please specify whether the installation is intended for ceiling suspension or wall mounting, so that the appropriate fixing system and structural requirements can be determined.



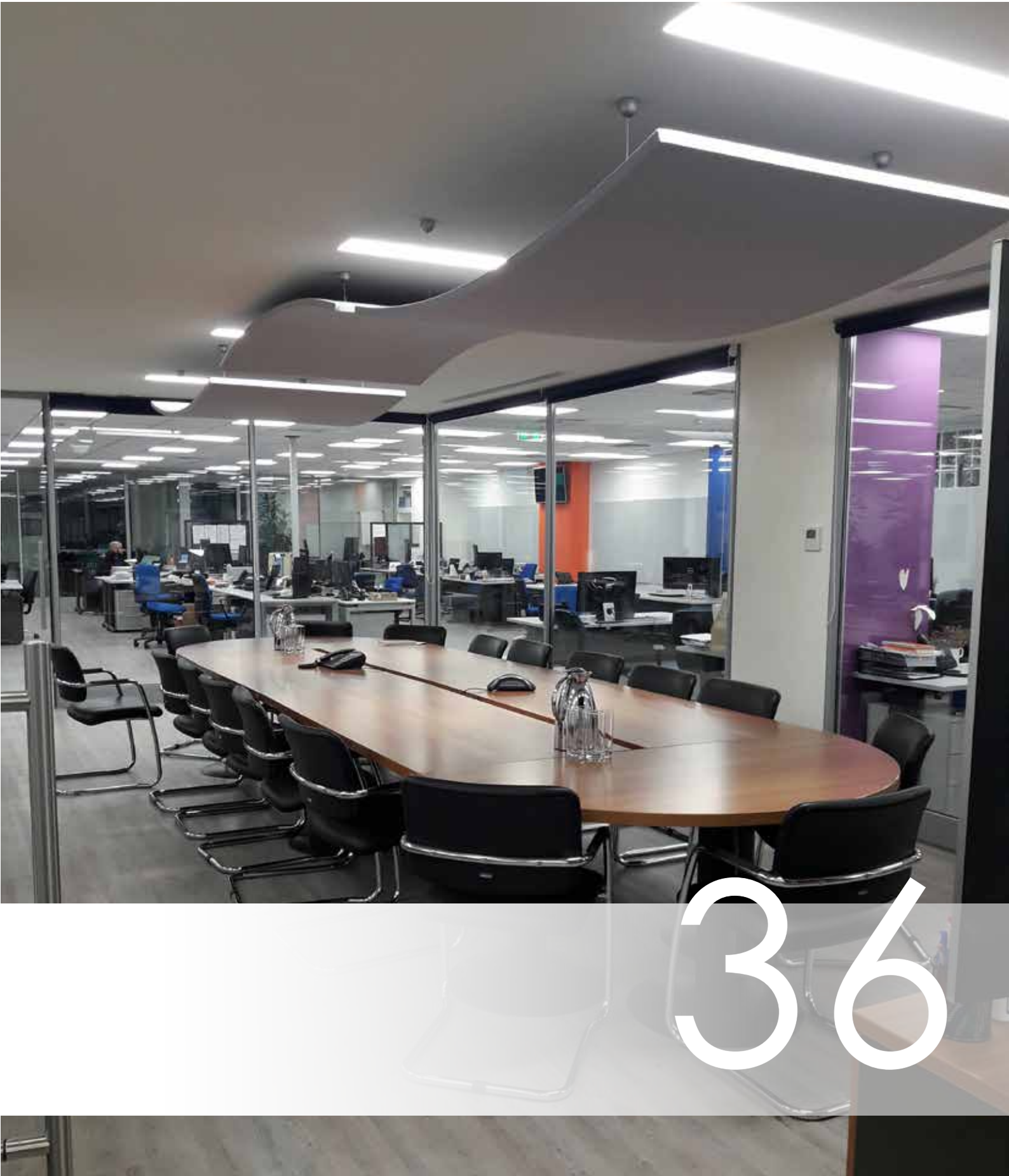
ACCESSORIES (INCLUDED)



ALPHAcoustic-**HS**: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.

ALPHAacoustic-Kima.Ortho

WAVE ACOUSTIC CEILING CLOUD



DESCRIPTION

The wave acoustical ceiling panel **ALPHAcoustic-Kima.Ortho**, is a rectangular concave & convex form sound absorption cloud aesthetic object. The panels are totally wrapped with an acoustic transparent fabric. They offer reduction of the disturbing noise reflections improving the interior acoustics, reducing the reverberated noise. They provide a vibrant special look to your hall.

Typical rooms: Reception area meeting rooms, offices, restaurants, recording studios, disco etc.

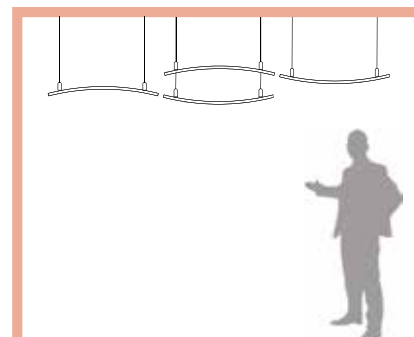
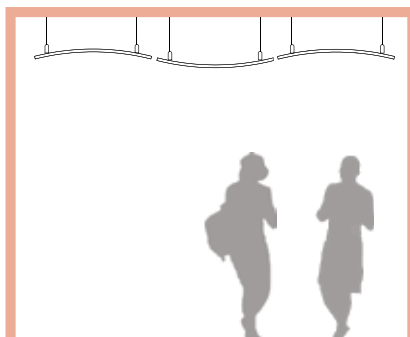
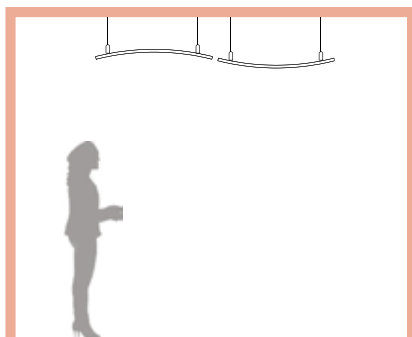
It can be installed on Ceilings.

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Discos
- Waiting rooms
- Classrooms
- Meeting rooms
- Gyms



ALPHAcoustic-Kima.Ortho



ACOUSTIC CHARACTERISTICS

ALPHAcoustic-Kima.Ortho: The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

ALPHAcoustic-Kima.Ortho Type:	Practical Sound Absorption Coefficient (α_p) *						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 40 mm	0.25	0.70	0.9	1	1	1	1	A

Panel with 40mm thickness at 150 mm suspension height.

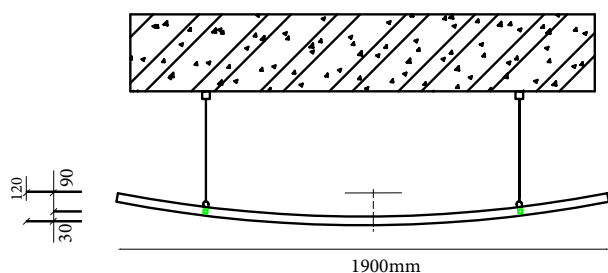
TECHNICAL CHARACTERISTICS

Dimensions max.	1200 x 1900 mm (rectangular)
Thickness	40 mm *
Forms	ConveX (CX) and , ConcaVe (CV)
Mid-ordinate Distance	90 mm*
Weight	15 daN*
Internal construction	Fiber sound absorption slab/ steel frame
External covering	According to our wide range of fabrics.
Suspension system	4 cable hangers, with height regulation. (*approximately)

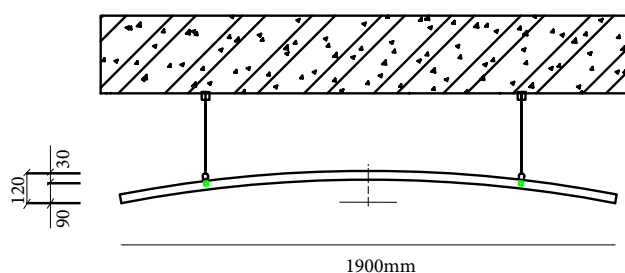
INSTALLATION

The installation of the wave acoustical panels **ALPHAcoustic-Kima.Ortho** is easy, simple and quick. The panels can be suspended from the ceiling by four flexible stainless steel cables, which are fixed at the backside of the panel. The height can be adjusted, as required, to achieve the horizontal position of the panel.

ALPHAcoustic-Kima.Ortho Convex



ALPHAcoustic-Kima.Ortho Concave



ACCESSORIES

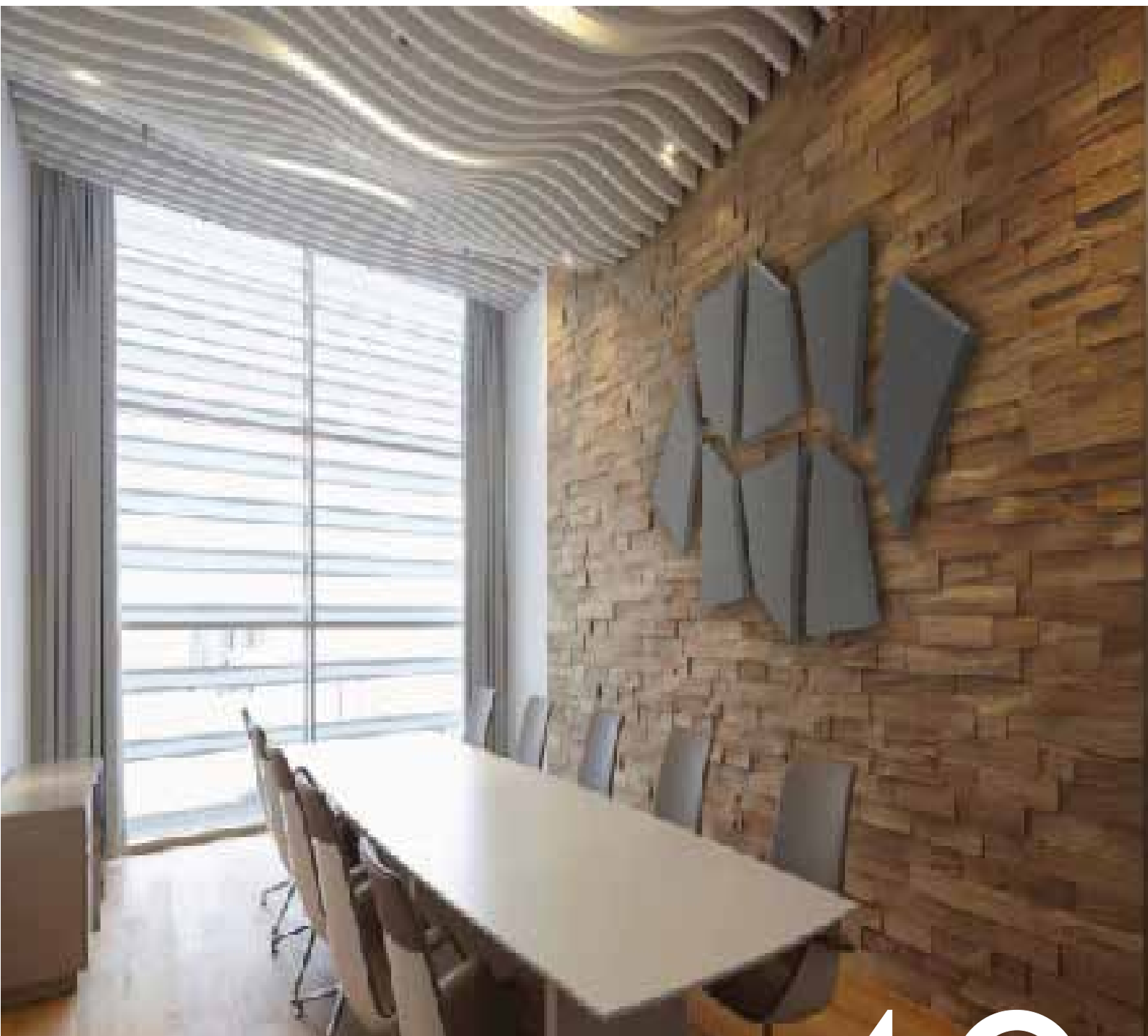


ALPHAcoustic-HS: Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism. (Included)



ALPHA**acoustic**-Multi.Ortho

MULTI-PATTERN ACOUSTIC PANELS



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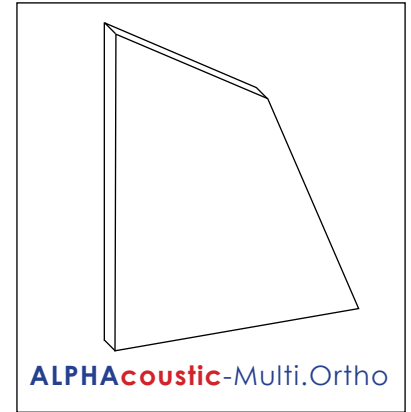
DESCRIPTION

ALPHAcoustic-Multi.Ortho is a multi-pattern, fabric wrapped sound absorptive panel with innovative form. It offers high installation flexibility, with multi combination patterns, according to aesthetic needs. These panels with their irregular shape offer an absolute creative and expressive freedom. They offer reduction of the disturbing noise reflections, improving the interior acoustics, reducing the reverberated noise.

It can be installed on Walls and/ or Ceilings.

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Discos
- Waiting rooms
- Classrooms
- Teleconference Rooms
- Call Centers



ACOUSTIC CHARACTERISTICS

ALPHAcoustic-Multi.Ortho is engineered to deliver maximum sound absorption within a specific acoustic frequency range.

The Sound Absorption Index (α_s) per square meter, measured according to ISO 354:2003, as well as the Practical Sound Absorption Coefficient (α_p) and the Weighted Sound Absorption Coefficient (α_w) in accordance with ISO 11654:1997, are presented below.

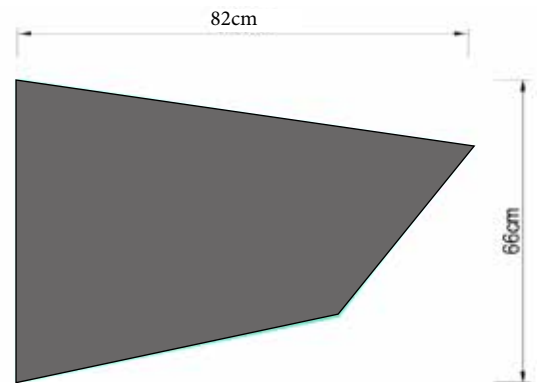
ALPHAcoustic-Multi.Ortho Type:	Practical Sound Absorption Coefficient (α_p)						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency (Hz)							
	125	250	500	1000	2000	4000		
Thickness 30 mm	0.05	0.3	0.75	0.8	0.9	0.85	0.8	B
Thickness 50 mm	0.20	0.75	0.9	1	1	1	1	A

INSTALLATION

Multi-pattern Acoustic Panels **ALPHAcoustic-Multi.Ortho** can be easily installed on the wall with their simple hanging system at the back of the panel.

The panels can be also suspended from the ceiling with properly designed system.

The acoustic panel can be produced in different dimensions and thickness upon request.



EXTERNAL COVERING

Acoustic panels are available with different external covering depending on the aesthetics of each project. All the fabrics present sound transparent characteristics with high endurance and excellent quality.

They are available in various colours and can be self extinguished. (Flamability test EN13501-1 Class B, s2, d0)

For more color options, please refer to our sound transparent fabric **ALPHAcoustic CL**. Due to their increased sound transmissibility, the sound absorption capabilities of the internal material are not affected.



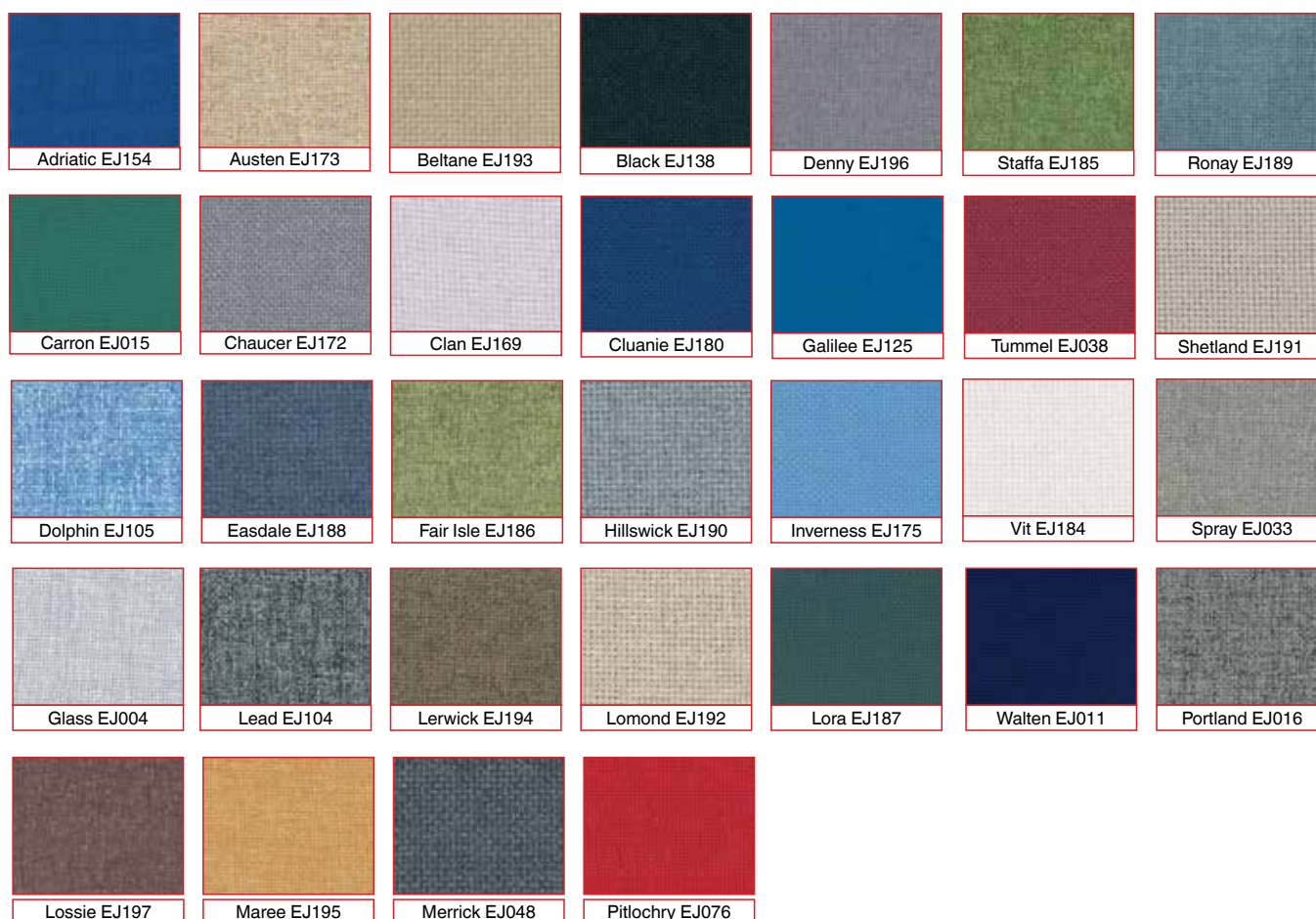
ALPHA

coustic-CL
ACOUSTIC FABRIC COLLECTION

EXTERNAL FABRIC COVERING

1. ALPHA^{acoustic}-CL Type: CR

The special sound transparent fabric ALPHA^{acoustic} CL Type CR is used for external covering of the acoustic panels. Due to their increased sound transmissibility, the sound absorption capabilities of the internal material are not affected.



2. ALPHA^{acoustic}-CL Type: Air Mesh

ALPHA^{acoustic}-CL Type Air Mesh has a honeycomb-three dimensional appearance, making it not only visually striking, but also providing in-built cushioning for comfort and breathability. With a smooth, plain back and cellular face, it has useful depth between the layers which creates shadow, 3D and texture appearance.



EXTERNAL FABRIC COVERING

3.ALPHAcoustic-CL Type:Wool

Here is the wide variety of colors from the ALPHAcoustic-CL.WF collection, made of natural wool.
This Eco-conscious, eco-friendly wool fabric offers a Circular-material material option for all ALPHAcoustic acoustic panels.



MAINTAINANCE

Vaccum regularly. Wipe clean with a damp cloth or shampoo using proprietary upholstery shampoo.

NOTE

Photographic fabric scans are not color accurate. Always request actual fabric samples before ordering.

WOODEN PATTERN SELECTION

The WoodSkin Collection offers a curated range of high-quality wooden-pattern textiles designed for use with ALPHAcoustic acoustic frames. These finishes replicate the visual warmth and grain of natural wood while maintaining the acoustic transparency and durability required for optimal sound performance.

The selection provides consistent, realistic wood aesthetics that integrate seamlessly into contemporary interior environments.



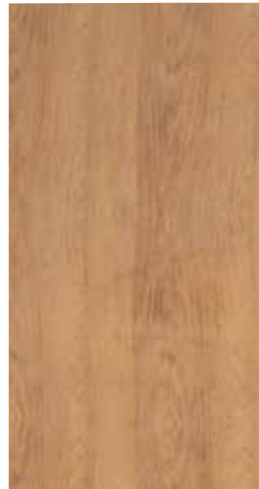
WS- 001



WS- 002



WS- 003



WS- 004(=3730)

A wider selection of wood-pattern finishes is also available upon request and can be produced with a minimum order quantity (M.O.Q.).

This extended range provides additional aesthetic options for projects requiring customized WoodSkin acoustic panels.

LEGAL NOTICE

Product colors and quality in this catalogue may differ from the actual items. Always select products from samples.

Technical information in this brochure is based on laboratory tests and is for guidance only; customers must verify suitability for their specific project. Data may change without notice. Sales and payment terms apply. We are not liable for printing or typographical errors.

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45+ years
In TUNE with YOUR need

Since 1980, **ALPHA ACOUSTIKI S.A.** has been applying engineering expertise and scientific knowledge to the field of room acoustics.

Our focus is to create work environments that support well-being, functionality, and acoustic comfort.

DESIGNING FOR WELL-BEING

Discover more acoustic solutions from our collections:

- **ALPHAacoustic-Tondo**
- **SonusFelt**

SUSTAINABILITY
SEE OUR ACTIONS



For project support, our technical team is available at tech@alphacoustic.com to assist with the acoustic optimization of your space.

GET IN TOUCH



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