



ALPHAcoustic-AM.Ortho
FREE-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

SOUND ABSORPTION

ALPHAcoustic-AM.Ortho is specifically designed to achieve high sound absorption. Our team of acoustic engineers can assist you in choosing the acoustic panel with the most adequate sound absorption index (α_s) for your project according to ISO 354.2003 and ISO 11654.1997.

Indicative practical sound absorption coefficient (α_p) per square meter, and weighted sound absorption coefficient (α_w) can be found in the following table:

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

For applications with special sound absorbing requirements, in order to achieve higher sound absorption at a wide range of frequencies, different sound absorbing materials are combined.

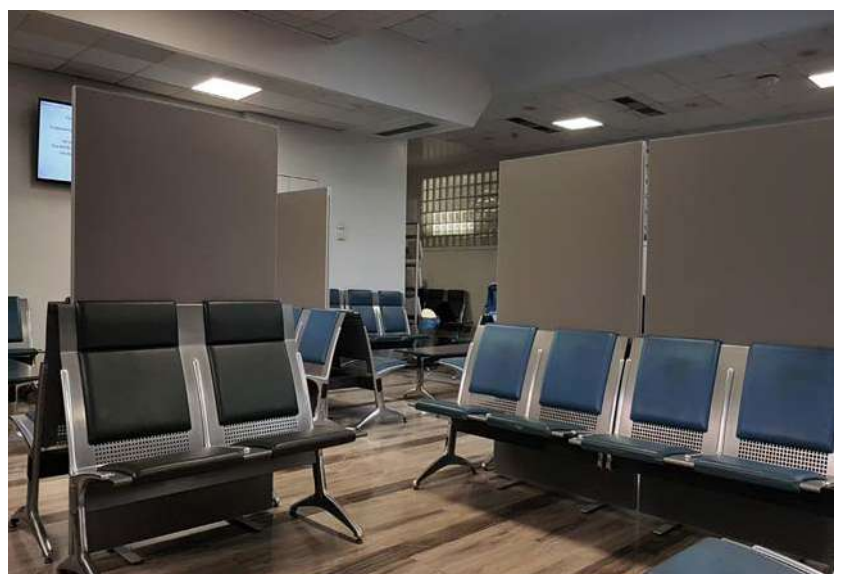


APPLICATIONS

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 defussion etc.

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



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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 offer flexibility in space arrangement. They 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.

Furthermore, they can be applied alone or be combined with each other to create spaces.



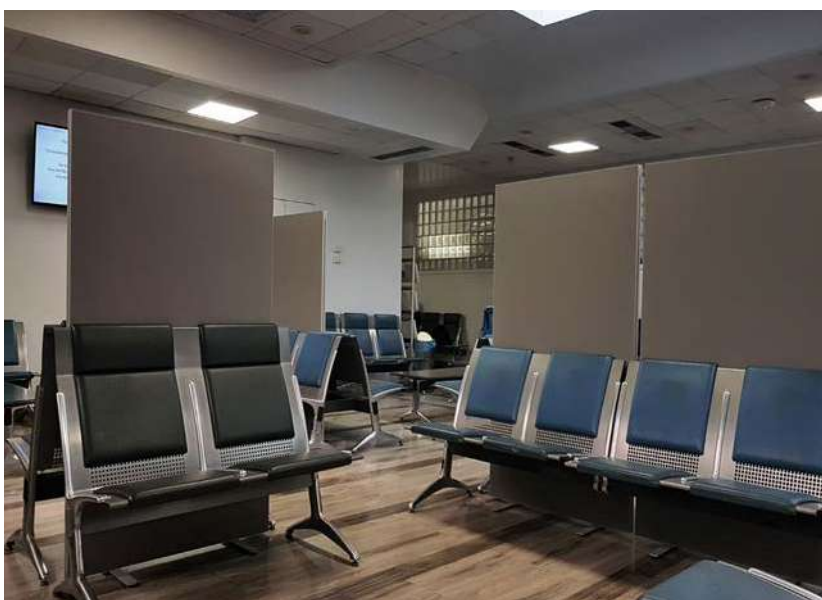
TECHNICAL CHARACTERISTICS

The panels are self-standing and do not need floor mounting for easy installing and rearrangement.

They 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.

The panels are completely custom made according to the needs of each project:

- Additional internal protection membrane can be added for enhanced acoustic results.
- The dimensions are adjusted according to the plan
- A variety of fabrics and finishes can be applied according to the desired aesthetic result
- Images and designs such as your company's logo, quotes and custom designs can be printed on the acoustic fabric ALPHA^{Acoustic} CL.Art
- They can be self extinguished upon request (*Flamability test EN13501-1 Class B, s2, d0*).



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APPLICATIONS

ALPHAcoustic-AM.Ortho can be applied at "open plan" spaces to visually and acoustically separate different parts of the room, in studios to lightly separate room parts where music sound is produced, increase the sound absorption and defusion etc.





In TUNE with YOUR needs

ALPHA ACOUSTIKI S.A. combines technical experience and scientific knowledge of its Engineers who are specialized in the field of room acoustics since 1980.

We create workplaces where people choose to work, tailored to the specific requirements of each job, with particular attention to the acoustic necessities of the employee.

DESIGNING FOR WELL-BEING

The concept designed of ALPHAcoustic products puts in practice all fundamentals of well-being.

Focus on employee and workplace well-being, can result in improved productivity, increased confidence, offering a better staff concentration.

Our Acoustic products help to achieve the WELL Building Standard™ Certification.

Our technical department (tech@alphacoustic.com), would be happy to help you improve the Architectural Acoustics in your project.



CONTACT



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Eco-friendly



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