

ALPHAcoustic - AB
VERTICAL ACOUSTIC BAFFLES

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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 50-80-100mm
(Other dimensions & thicknesses upon request)

ACOUSTIC CHARACTERISTICS

ALPHAcoustic-AB is designed to achieve maximum sound absorption at a specific frequency range. Our team of acoustic engineers can assist you in choosing the acoustic baffles with the most adequate sound absorption index for your project according to ISO 354.2003 and ISO 11654.1997.

Indicative sound absorption coefficient (α_N) for baffles with dimensions 1200x600x80 mm with 600 mm spacing 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
Sound Absorption Coefficient (α_N)	0.2	0.43	0.98	1.4	1.4	1.3

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 dimentions:
1,15mX40cmX36mm

Other dimentions available upon request

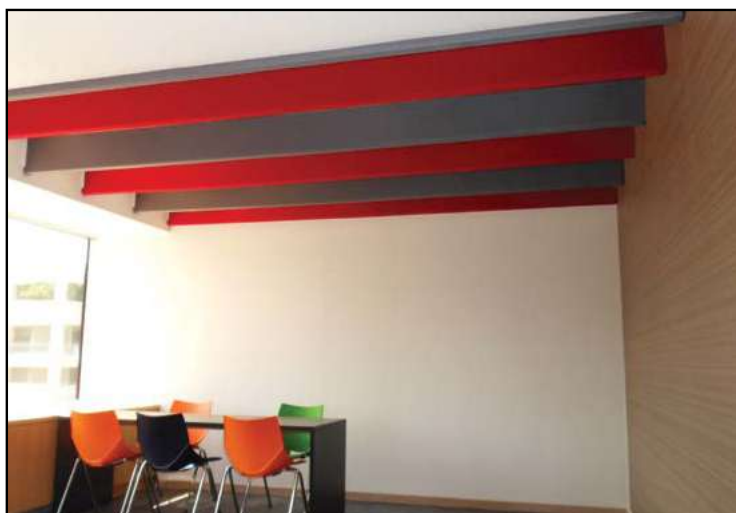
Light characteristics:
Standard length: 114cm - 2639 lumen output
CRI 80 and optionally 90
CCT: 3000K/4000K/2700K/6500K
Diffuser: Opal/ Micro Prismatic Opal/ Black diffuser
Driver: ON/OFF or dimable



APPLICATION EXAMPLES

Typical applications:

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



ALPHAcoustic - **AB.Ortho** acoustic baffles can be produced in different shapes, dimensions and thickness upon request.



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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