

ALPHA^{Acoustic}-AB.Tondo

CURVED ACOUSTIC VERTICAL BAFFLES

DESCRIPTION

ALPHAcoustic-AB.Tondo are vertically hanged acoustic baffles with curved edges, wrapped with acoustic transparent fabric. They offer reduction of the disturbing noise reflections, improving the interior acoustics, reducing the reverberated noise, offering a better acoustic environment. Due to the two highly absorptive sides of the baffle, ALPHAcoustic-AB.Tondo offer high sound absorption.

Typical applications:

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

Standard dimensions 120x60cm and 120x30cm

Regular thickness 50-80-100mm

(Other dimensions & thicknesses upon request)



ALPHAcoustic-AB.Tondo

ACOUSTIC CHARACTERISTICS

ALPHAcoustic-AB.Tondo is specifically designed to achieve maximum sound absorption at a specific frequency range. Our team of acoustic engineers can assist 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: ALPHAcoustic-AB.Tondo 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 quantity and configurations of acoustic baffles, an acoustic study is recommended.

INSTALLATION

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

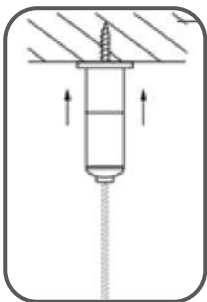
The curved Acoustic baffles are available with different external covering, depending on the aesthetics of each project. The most common is a special sound transparent fabric with high endurance and excellent quality ALPHAcoustic CL-CR.

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.



ACCESSORIES



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

*The acoustic baffles **ALPHAcoustic-AB.Tondo** 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 which are specialized in the field of room acoustics since 1978.

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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