



**ALPHA**acoustic-AM.Tondo  
CURVED SELF-STANDING ACOUSTIC PARTITIONS

# DESCRIPTION

**ALPHA**coustic-AM.Tondo are floor self-standing sound absorptive panels that offer a flexible solution in several room acoustics problems, improving the sound diffusion, noise insulation and prevent standing waves generation. Therefore they increase the productivity of individual employees by offering them quiet and well-being professional atmosphere. These panels are made of rigid internal core and can be covered with sound-transparent fabric on both sides.



## MAIN CHARACTERISTICS

- Refined and elegant
- Smooth, flowing design
- Soft curves that suggest comfort, safety, familiarity and relaxation that recall the curves of the human body
- Cost effective acoustic solution

The AM Tondo are round form panels, with two curved perimeter edges on the top.



# ACOUSTIC CHARACTERISTICS

**ALPHAcoustic-AM.Tondo** is specifically designed to achieve maximum sound absorption at a specific acoustic range band. The sound absorption

coefficient ( $\alpha_s$ ) according to ISO 354.2003 and ISO 11654.1997 expressed in flat equivalent surface can be found below:

Type: ALPHAcoustic-AM.Tondo	Practical Sound Absorption Coefficient ( $\alpha_p$ )						Weighted Sound Absorption Coefficient ( $\alpha_w$ )	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

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.

## TECHNICAL CHARACTERISTICS

<b>Dimensions</b>	1200x1700 mm*
<b>Thickness</b>	50 mm
<b>Weight</b>	~20kg
<b>Edge Radius</b>	R1=15, R2=25 and R3=35cm*
<b>Internal construction</b>	Fiber sound absorption slab/wooden core
<b>External covering</b>	Upholstered according to our wide range of fabrics. Please refer to our <a href="#">ALPHAcoustic-CL</a> sound transparent fabric collection.

\*Other dimensions and forms available on request.

## APPLICATIONS

**ALPHAcoustic-AM.Tondo** can be applied to visually and acoustically separate "open plan" spaces such as accounting offices, call centers etc. They can also be placed to separate musical instruments in studios, increase the sound absorption and diffusion of a room etc.

They can be easily placed, removed or relocated for space rearrangement.

They are available in various colors and can be self extinguished.\*

\* Flammability test EN13501-1 Class B, s2, d0



In TUNE with YOUR needs



**ALPHA ACOUSTIKI** 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



**ALPHA ACOUSTIKI**  
73, Apostolopoulou Str.  
Chalandri, 15231 Greece



T: +30 210 6779875  
F: +30 210 6779269



info@alphacoustic.com  
www.alphacoustic.com

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