

Architectural acoustics



## **ALPHA**acoustic-Desk.Tondo

CURVED ACOUSTIC PARTITIONS ON THE DESK

**ALPHA** ACOUSTIKI

## DESCRIPTION

**ALPHAcoustic-Desk.Tondo** are desk standing sound absorptive and noise insulation partitions for office desks. They offer a flexible solution in acoustics problems in offices, increasing the sound absorption and noise insulation.

Therefore they increase the productivity of individual employees by offering them quiet and well-being professional atmosphere.

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

### MAIN CHARACTERISTICS

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

**ALPHAcoustic-Desk.Tondo** are round forms panels applied on three sides of desk. Lateral panels have their one free edge curved.



## ACOUSTIC CHARACTERISTICS

**ALPHAcoustic-Desk.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: <b>ALPHAcoustic-Desk.Tondo</b>	<b>Practical Sound Absorption Coefficient (<math>\alpha_p</math>)</b>						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	A	

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

## TECHNICAL CHARACTERISTICS

Dimensions	1500x500 mm & 800x500 mm*
Thickness	50 mm*
Lateral edge radius	R1=15, R2=25 and R3=35cm*
Internal construction	Sound absorption slab/wooden core
External covering	Upholstered on both sides according to our wide range of fabrics. Please refer to our <b>ALPHAacoustic-CL</b> sound transparent fabric collection.

*\*Other dimensions and forms available on request.*



## APPLICATIONS

**ALPHAacoustic-Desk.Tondo** can be applied on most common types of office desks to visually separate and acoustically insulate “open plan” spaces such as accounting offices, call centers etc.

They can be easily placed, removed or

relocated in any type of desk surface, using an innovative universal fixing system.

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

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



**ALPHA ACOUSTIKI** Ltd combines technical experience and scientific knowledge of its Engineers which are specialized in the field of room acoustics since 1980. Our complete range of innovative acoustics products can offer solutions to complex architectural acoustic projects.

Some of our Acoustics products creations:

- **ALPHAcoustic - AP.Tondo:** Rectangular Acoustic Panels
- **ALPHAcoustic - AM.Tondo:** Curved self standing Acoustic Panels
- **ALPHAcoustic - Multi.Tondo:** Curved Multi-pattern Acoustic Panels
- **ALPHAcoustic - Kiklos.Tondo:** Circular Acoustic Panels
- **ALPHAcoustic - Kéros:** Cycladic Form Acoustic Panels

Our technical department (tech@alphacoustic.com), will be glad to assist you improve the Architectural Acoustics in your project.



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