



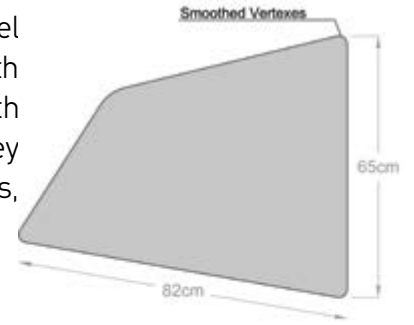
## ALPHA **acoustic**-Multi.Tondo

CURVED MULTI-PATTERN ACOUSTIC PANELS

# DESCRIPTION

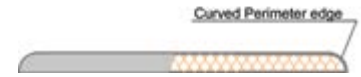
**ALPHA**acoustic-Multi.Tondo is a multi-pattern, innovative form, acoustic panel wrapped with acoustic transparent fabric. It offers high installation flexibility, with multi combination patterns, according to aesthetic needs. These panels, with their irregular shape, offer an absolute creative and expressive freedom. They offer reduction of disturbing noise reflections, improving the interior acoustics, reducing the reverberated noise.

They develop smooth vertexes and curved perimeter edges.



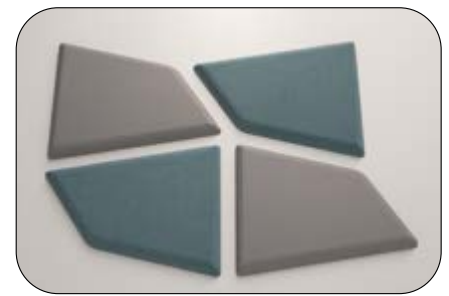
## MAIN CHARACTERISTICS

- Refined and elegant
- Smooth, flowing design
- Soft curves that suggest comfort, safety, familiarity and relaxation that recall the curves of the human body
- Ability to adapt perfectly to any living space
- Cost effective acoustic solution



## TYPICAL APPLICATIONS

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



# ACOUSTIC CHARACTERISTICS

**ALPHA**acoustic-Multi.Tondo is specifically designed to achieve maximum sound absorption at a specific acoustic range band. Our team of acoustic engineers can assist in choosing the acoustic panel with the most adequate sound

absorption index ( $\alpha_s$ ) for your project according to ISO 354.2003 and ISO 11654.1997.

Indicative practical sound absorption coefficient ( $\alpha_p$ ) and weighted sound absorption coefficient ( $\alpha_w$ ) can be found in the following table:

Type: <b>ALPHA</b> acoustic-Multi. 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 30 mm	0.05	0.30	0.75	0.80	0.90	0.85	0.80	B
Thickness 50 mm	0.20	0.75	0.90	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.

## INSTALLATION

Multi-pattern Acoustic Panels **ALPHA**coustic-**Multi.Tondo** can be easily placed on the wall, with their simple hanging system at the back of the

panel. The panels can be also suspended from the ceiling with properly designed system.

## EXTERNAL COVERING

Acoustic Panels **ALPHA**coustic-**Multi.Tondo** are available with different external covering depending on the aesthetics of each project. The most common is a special sound transparent fabric **ALPHA**coustic-**CL.CR** with high endurance and excellent quality.

They are available in 32 different colors and can be self extinguished. Please refer to our specific catalogue.

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

## INTERNAL ACOUSTIC CORE

Trying to achieve the best sound absorption with our **ALPHA**coustic-**Multi.Tondo** acoustic panels, and taking into consideration environmental factors, we selected *iZiFON*<sup>®</sup> Polyester fiber slabs,

a type of acoustic material produced by recycled plastic, for use inside our acoustic panels. Other acoustic materials can be used according to specific acoustic needs.



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



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