



ALPHAacoustic-Cloud
Acoustic Ceiling Panels

DESCRIPTION

ALPHAcoustic-Cloud are sound absorbing panels, hung from ceiling. They offer an innovative lightweight solution in acoustic problems in crowded spaces such as multi-purpose halls, bars, restaurants, cinemas, clubs etc. They improve the absorption of the produced noise offering a better acoustic environment.



- High sound absorption
- Versatility of sizes
- Alignment with technical aspects of space
- Aesthetic options



SOUND ABSORPTION

ALPHAcoustic-Cloud 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 (α_s) for your project according to ISO 354.2003 and ISO 11654.1997. Indicative practical sound absorption coefficient (α_p) per square meter, and weighted sound absorption coefficient (α_w) can be found in the following table:

ALPHAcoustic-AP.C	Practical Sound Absorption Coefficient (α_s)						Weighted Sound Absorption Coefficient (α_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 combination of different sound absorptive materials can be applied.

EXTERNAL COVERING

Acoustic panels are available in different external covering with a variety of sound transparent fabric types depending on the aesthetics of each project. One common option is the high endurance and excellent quality fabric ALPHAcoustic-CL.CR available in colours.

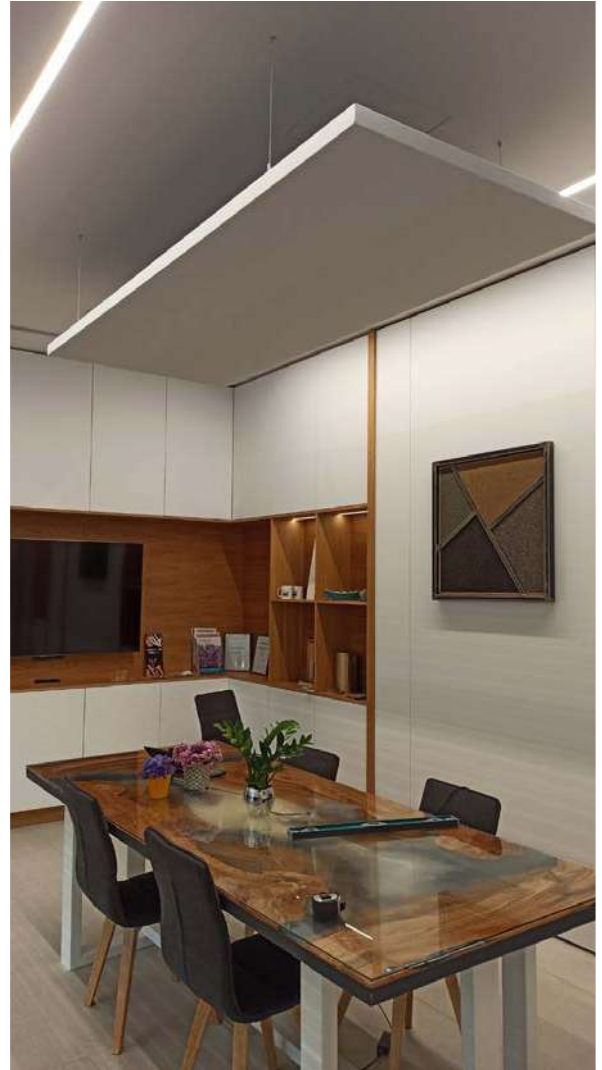
All fabric types:

- Are specially selected to contribute to the acoustic effectiveness of the product.
- They are available in various colours.
- Self extinguished fabric options are available (*Flammability test EN13501-1 Class B, s2, d0*).

APPLICATION EXAMPLES

Typical applications:

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



ALPHAcoustic-AP.C 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 with its Engineering team, 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

Please be informed about our acoustic panel designs such as:

- **ALPHAacoustic-Fabric**
- **ALPHAacoustic-Fos**
- **ALPHAacoustic-Woolen**



CONTACT



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Eco-friendly



Recyclable