



ALPHA^{coustic}-AP.Ortho

RECTANGULAR ACOUSTIC PANELS

DESCRIPTION

ALPHAcoustic-AP.Ortho are **award-winning** rectangular acoustic panels totally wrapped with acoustic transparent fabric. They offer reduction of disturbing noise reflections, improving the interior acoustics, reducing the reverberated noise, offering a better acoustic environment.



They can be installed on:

- Walls
- Ceilings

Typical applications:

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



SOUND ABSORPTION

ALPHAcoustic-AP.Ortho 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:



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

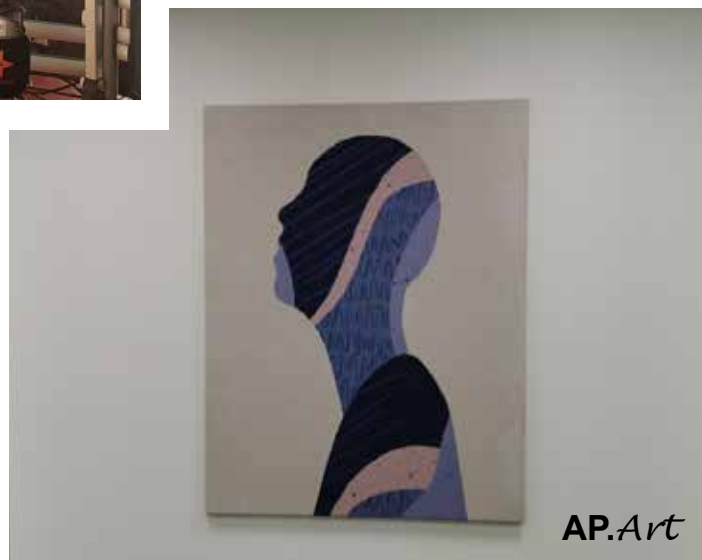
Rectangular Acoustic Panels **ALPHAcoustic-AP.Ortho** can be easily placed on the wall and the ceiling with their simple hanging system at the back of the panel.
Please specify the intended application for more installation options.

EXTERNAL COVERING

Acoustic panels 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.

They are available in various colours and can be self extinguished
(*Flammability 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.



ALPHAcoustic-AP.Ortho 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."

SUSTAINABILITY
SEE OUR ACTIONS



Our technical department (tech@alphacoustic.com), would be happy to help you improve the Architectural Acoustics in your project.

Notice:

Our products are subject to changes reflecting technical progress and we reserve the right to modify their characteristics at any time. The latest technical data and information can be found in our technical data sheets at www.alphacoustic.com.



GET IN TOUCH



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