

# ALPHA<sup>acoustic</sup>-Kiklos.Ortho

ACOUSTIC CIRCLE PANELS

## DESCRIPTION

The acoustical circle panels **ALPHAcoustic-Kiklos.Ortho**, is a sound absorption cloud acoustic item. The panels are totally wrapped with an acoustic transparent fabric. They offer reduction of the disturbing noise reflections improving the interior acoustics, reducing the reverberated noise. They provide a vibrant special look to your hall.

It can be installed on:

- Ceilings
- Walls

Typical applications:

- Reception areas
- Offices
- Restaurants
- Recording studios
- Call Centers
- Waiting rooms
- Classrooms
- Meeting rooms
- Gyms



## ACOUSTIC CHARACTERISTICS

**ALPHAcoustic-Kiklos** 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, expressed in flat equivalent surface:

| Type:<br>ALPHAcoustic-Kiklos | 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              | 0.28                                              | 0.75 | 0.93 | 1    | 1    | 1    | 1                                                    | A                      |

Panel with 50mm thickness at 150 mm suspension height.

## TECHNICAL CHARACTERISTICS

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|                       |                                                                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Max. Diameter         | 1200 mm                                                                                                                                                   |
| Thickness             | 50 mm *                                                                                                                                                   |
| Weight                | 15 daN* ( $\Phi$ 1200mm)                                                                                                                                  |
| Internal construction | Fiber sound absorption slab/wooden frame                                                                                                                  |
| External covering     | Upholstered according to our wide range of fabrics. Please refer to our ALPHAcoustic-CL sound transparent fabric collection, or any digital print textile |
| Suspension system     | 3-4 gable hangers, with ceiling fixing<br>(*approximately)                                                                                                |
| Available also        | Square, oval and many other custom shapes                                                                                                                 |
| Lighting system       | Kiklos panels can be equipped with LED lighting system.<br>Please refer to <a href="#">ALPHAcoustic -Fos</a> .                                            |

## INSTALLATION

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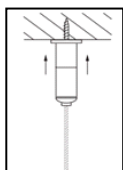
The installation of the wave acoustical panels is easy, simple and quick.

The panels can be suspended from the ceiling by 3 or 4 flexible stainless steel cables, which are fixed at the backside of the panel. The height can be adjusted, as required, to achieve the horizontal position of the panel.

The cloud mounting kit includes the necessary wire ropes and simple locks with height regulation. Optional tool-free cable installation system is available on request.

## ACCESSORIES

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**ALPHAcoustic-HS:** Vertical hangers with stainless steel wire and height adjustable roof suspension mechanism.





In TUNE with YOUR needs

**ALPHA ACOUSTIKI S.A.** combines technical experience and scientific knowledge of its Engineers who are 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

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](mailto:tech@alphacoustic.com)), would be happy to help you improve the Architectural Acoustics in your project.



### CONTACT



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Eco-friendly



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