Architectural Acoustics

ALPHAcoustic - Kima

WAVE ACOUSTIC CLOUD

ALPHA ACOUSTIKI

In TUNE with YOUR needs

DESCRIPTION

The wave acoustical ceiling panel **ALPHAcoustic**-Kima.Ortho, is a rectangular concave & convex form sound absorption cloud aesthetic object. 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.
Typical rooms: Reception area meeting rooms, offices, restaurants, recording studios, disco etc.

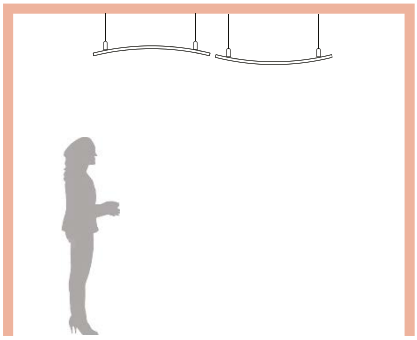
ALPHAcoustic-Kima.Ortho

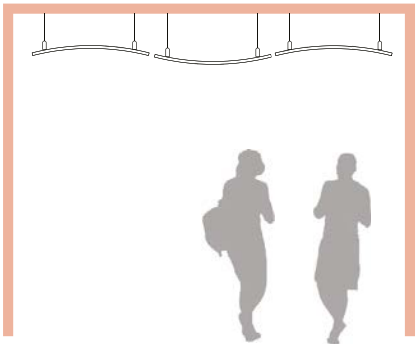
It can be installed on:

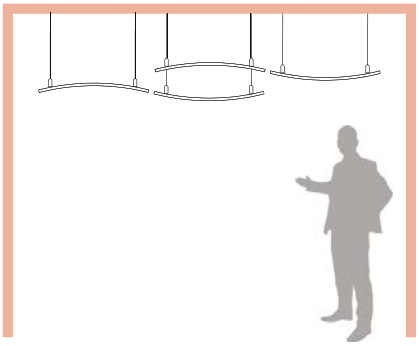
- Ceilings

Typical applications:

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







ACOUSTIC CHARACTERISTICS

ALPHAcoustic-Kima.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), and weighted sound absorption coefficient (α_p) can be found in the following table, expressed in flat equivalent surface:

Type: **ALPHAcoustic**-Kima.Ortho	**Practical Sound Absorption Coefficient** (α_p)						**Weighted Sound Absorption Coefficient** (α_w)	**Sound Absorption Class**
	Frequency (Hz)							
	125	*250*	*500*	*1000*	*2000*	*4000*		
Thickness 40 mm	0.25	0.70	0.9	1	1	1	1	A

Panel with 40mm thickness at 150 mm suspension height.

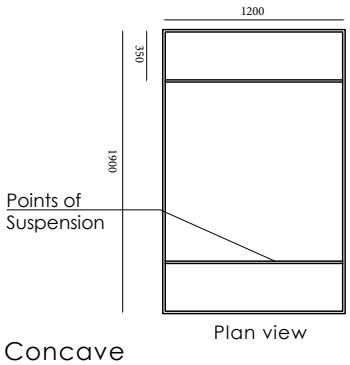
TECHNICAL CHARACTERISTICS

Dimensions max.	1200 x 1900 mm (rectangular)
Thickness	40 mm *
Forms	ConveX (CX) and , ConcaVe (CV)
Mid-ordinate Distance	90 mm*
Weight	15 daN*
Internal construction	Fiber sound absorption slab/ steel frame
External covering	According to our wide range of fabrics.
Suspension system	4 cable hangers, with ceiling fixing

*(*approximately)*

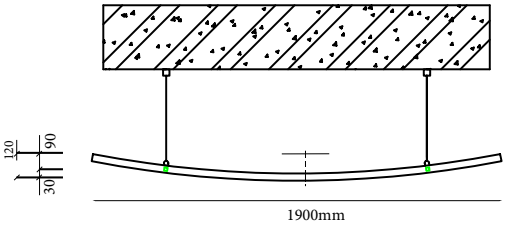
INSTALLATION

The installation of the wave acoustical panels **ALPHAcoustic-Kima.Ortho** is easy, simple and quick.
The panels can be suspended from the ceiling by four 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.

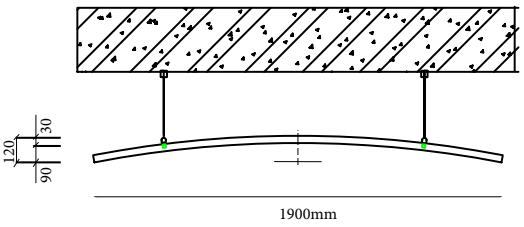


Plan view

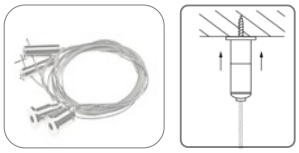
ALPHAcoustic-Kima.Ortho Convex



ALPHAcoustic-Kima.Ortho Concave



ACCESSORIES



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

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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)*, would be happy to help you improve the Architectural Acoustics in your project.

CONTACT

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