

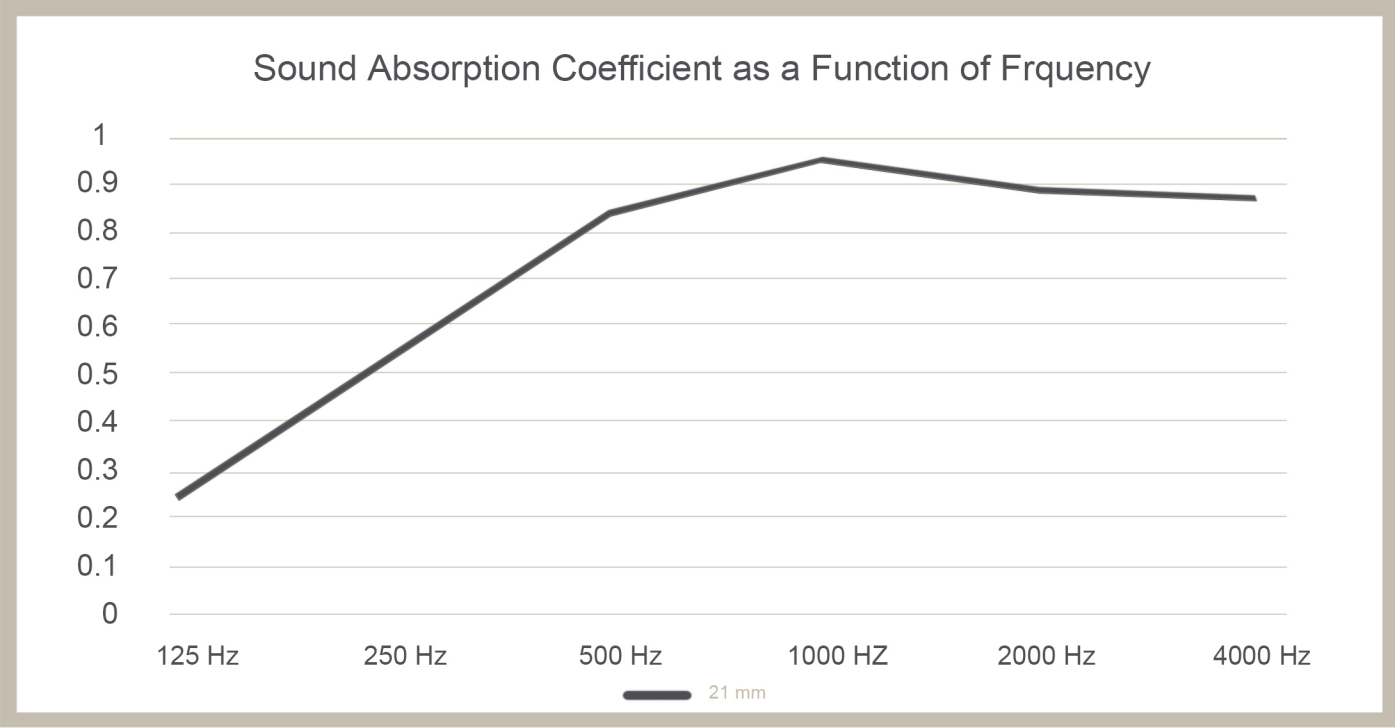
ALPHA-Akupanel Acoustic Panels

ALPHA-Akupanel panels are decorative acoustic solutions combining sound performance with elegant design. Engineered to reduce reverberation and effectively absorb noise, they integrate seamlessly into interior design projects. Their refined appearance makes them ideal for offices, residential spaces, hotels, restaurants, and other environments requiring improved sound quality.

Sound Absorption Coefficients

Tested according to ASTM C423 – Type A Mounting

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
21 mm	0.25	0.55	0.85	0.95	0.90	0.88	0.87



Fire Resistance:

ALPHA-Akupanel panels offer high fire-reaction performance:
ASTM E84: Classified Class A, with a flame-spread index ≤ 25 and a smoke-developed index ≤ 50 .
CAN/ULC-S102: Classified Class A, with a flame-spread index ≤ 25 and a smoke-developed index ≤ 50 .

LEED® Contribution

ALPHA-Akupanel acoustic panels contribute to the sustainability criteria of LEED v4/v4.1. Made with recycled-content PET felt and low-VOC finishes, they support indoor air quality and meet acoustic-performance requirements.

Specifications:

- Dimensions: Length 2400 mm / Width 600, 520, 400 mm (custom sizes available)
- Thickness: 21 mm
- Base panel: 9 mm PET / 1700 g/m²
- Wood slats: 12 mm MDF
- Finish: Melamine, real wood veneer, or custom
- Slat width / Spacing: 27 mm / 13 mm (custom available)

Handling and Storage:

Handle with care to avoid bending or damaging edges. Store in original packaging in a ventilated area. Allow acclimation to environmental conditions. Lay flat; do not place vertically. Protect from moisture, heat, and sunlight.

Cleaning:

Light brushing or gentle vacuuming to remove dust. Clean spills with warm water and mild soap. Test the solution on an unseen area first. Blot dry to avoid saturation. Avoid heavy pressure during cleaning.

Wood Slat Color Chart:

Wood slats are available in real wood veneer, HPL laminate, or melamine-wood surface. Standard felt color is black; available in all ALPHA-P.E.T color chart options.

					
American Walnut OR01	American White Oak OR02	Fraxinus Excelsior OR03	American Red Oak OR04	Cherry OR05	Rosewood OR06
					
Bamboo OR07	Carbonized Bamboo OR08	American Red Oak ST01	American Red Oak ST02	American White Oak ST03	Fraxinus Excelsior ST04
					
Nice ST05	Basswood ST06	Wenge ST07	American Red Oak SM01	American Red Oak SM02	American Red Oak SM03
					
Figured Eucalyptus SM06	Fraxinus Excelsior OI01	American Red OI02	American Walnut OI03	Engineered Oak EV01	Engineered Apricot EV02
					
Engineered Walnut EV03	Engineered Oak EV04	Engineered Oak EV05	Engineered Ash EV06	Engineered Autumn Fragrance EV07	Creative Veneer EV08