

TRANSLUCENT LIGHTWEIGHT PANEL
WITH HIGH SOUND ABSORPTION

AIR-board[®] acoustic

LOW WEIGHT
WITH HIGH RIGIDITY

FIRE CLASS
EN 13501-1: B S1 D0

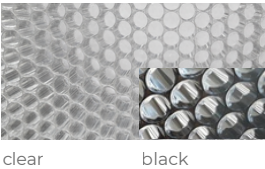
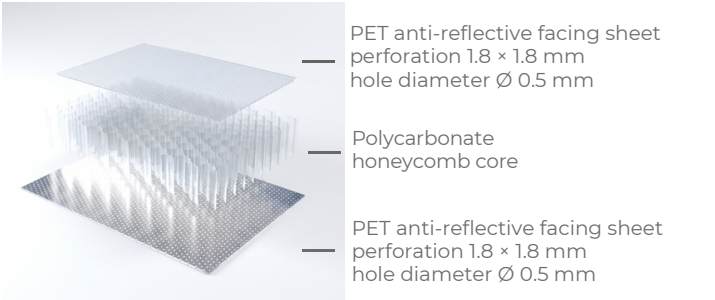
SOUND ABSORPTION
COEFFICIENT 0.70

DESCRIPTION

Using a special bonding technology, honeycomb-like cores are combined with microperforated, translucent PET facing sheets (polyethylene terephthalate) to create panels with a unique appearance. The facing sheets are available in either a clear or digitally printed version.

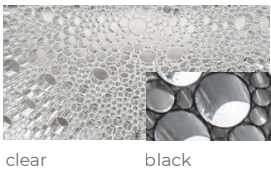
The honeycomb cores are available in two cell sizes and in transparent (clear) or black versions. This combination provides effective sound absorption without compromising brightness, transparency or visual lightness. Custom-printed panels are also available, as well as formed panels with a minimum bending radius of 300 mm, special edge finishes and ready-to-install systems.

STRUCTURE



AIR-board

Cell diameter 7 mm



chaos AIR-board

Cell diameter 4, 7, 12 mm

DIMENSIONS

Standard	Max. custom sizes*	Tolerances
1800, 2500 × 1220 mm	3000 × 1220 mm	Length +2 / -2 mm
Thickness 19, 25 mm	30 mm	Width +1 / -2 mm
		Thickness +0 / -1 mm

MEASURED VALUES

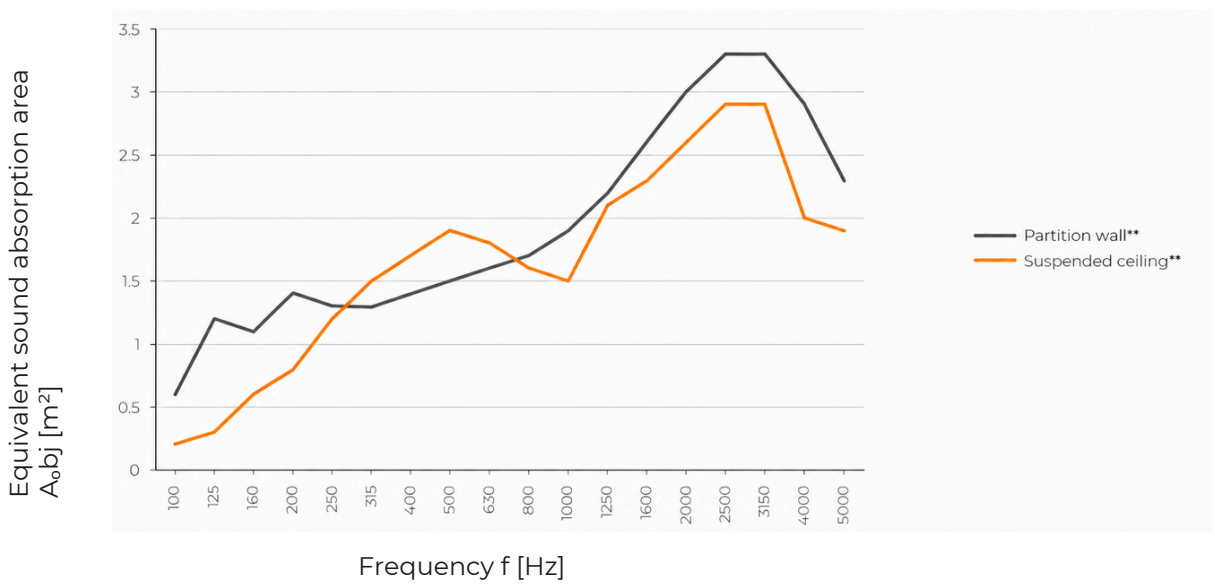
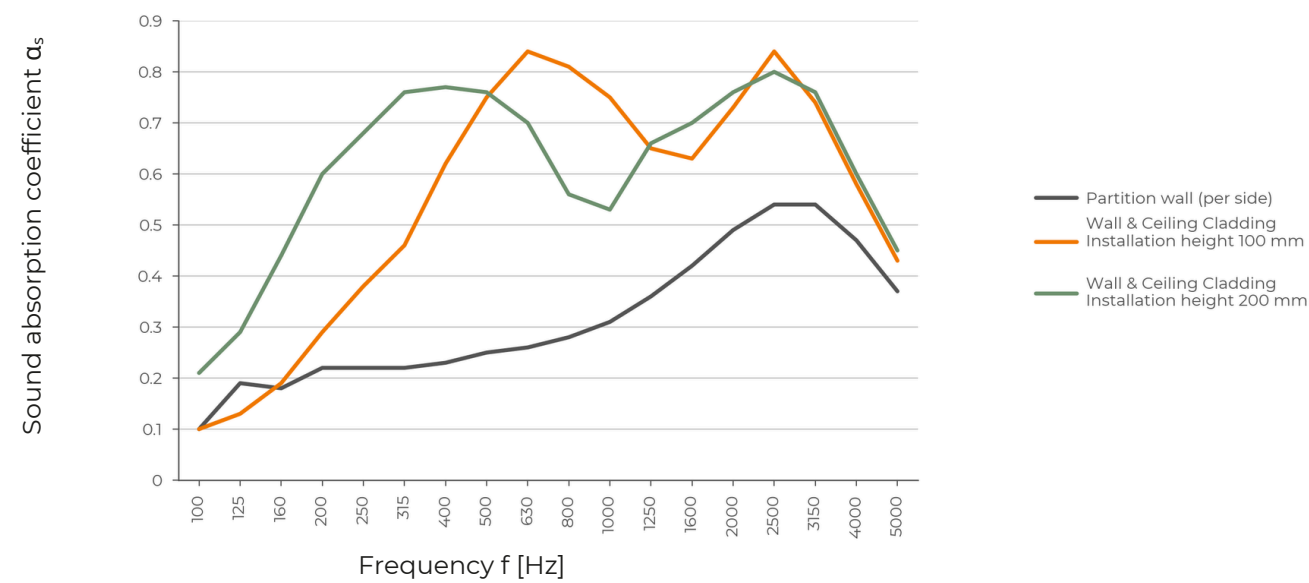
	Freestanding wall	Wall & Ceiling Cladding		Coefficient of thermal expansion DIN 53752-A	8 × 10 ⁻⁵ 1/K	3.6 kg/m ²
		Installation height 100 mm	Installation height 200 mm			
sound absorption coefficient α_w	0.30	0.65	0.70	Service temperature -20 to +60 °C	Fire class EN 13501-1: B-s1, d0	IEC 50 (845): Light transmittance 60 %
Noise Reduction Coefficient NRC	0.30	0.65	0.70			
Sound Absorption Average SAA	0.30	0.65	0.69			
Sound absorption class	D	C	C			

CLEANING

Remove the protective film only after installation and cleaning have been completed.

For cleaning, use a lukewarm soap solution or water containing 50 % isopropanol together with a very soft cleaning cloth. Remove dust using an antistatic cleaning agent. Do not dry-clean the surface, as this may cause scratches.

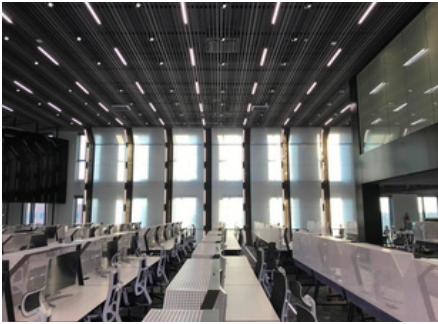
PROPERTIES



APPLICATIONS



Partitions



Wall & Ceiling Cladding



Furniture construction
Lighting design

*on request

**based on a panel size of 2500 × 1220 mm

All information reflects the current state of knowledge and is subject to change at any time. No legally binding guarantee of specific properties or suitability for a particular application can be derived from this information. Subject to change. Version: 08/2026.

ESG Report 🏡