

Our unique bonding technology enables us to combine a rigid translucent honeycomb core with translucent thermoplastic top sheets resulting in a panel with exceptional optical features. The translucent AIR-board® acoustic panel solves complex tasks. The sandwich element consisting of micro-perforated translucent outer layers and a colourless honeycomb core transmits up to 60% of the ambient light, is a highly effective sound absorber, is characterized by a very low weight with high rigidity and is also flame retardant.



Product description

Facing sheet on both sides	PET antireflex perf. 1.8 x 1.8 mm perforations Ø 0,5 mm*
Core	PC-Core (cell diameter 7mm) other core designs as big AIR-board® und chaos AIR-board® on request

*alternatives: reflective, coated or printed

Properties

- sound-absorbent up to 70%
- innovative translucent optics
- high light transmission with optimum privacy
- low weight
- easy processing
- available with a range of mounting systems

Format

Format	Length [mm]	Width [mm]	Thickness [mm]
Standard	2500	1220	19
Special dimensions	on request		

Tolerances	Length [mm]	Width [mm]	Thickness [mm]
Cut to size	+2/-2	+1/-2	+0/-1

General physical properties

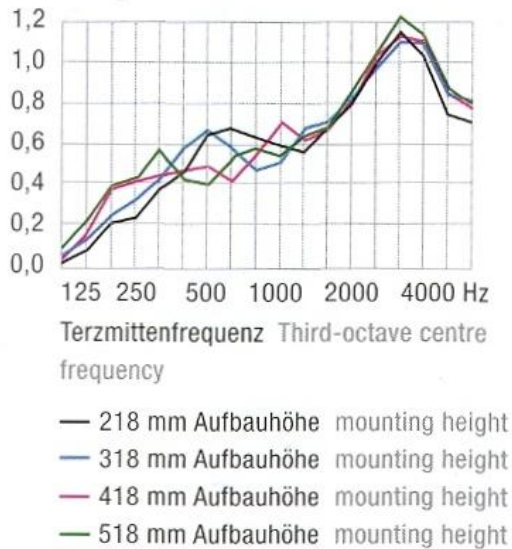
Coefficient of thermal expansion acc. to DIN 53752-A	Service temperature	Fire class	Light transmission	Weight per unit area



[1/K]	[°C]	DIN 4102-1	BS 476 Part 7	EN 13501	acc. to IEC Norm 50 (845)	[kg/m ²]
8×10^{-5}	-20 bis +60	B1		B s1 d0	ca. 60%	3,6

Sound wave absorption

Schallabsorptionsgrad Sound absorption coefficient



Cleaning

The protective foil should be removed after installation is complete. The panels can be cleaned with warm soapy water or a 50% isopropanol solution and a soft lint free cloth. Dust can be removed with antistatic detergent. Cleaning with a dry cloth may lead to surface scratches.

Use as suspended ceiling

Can be used as suspended ceiling elements in combination with standard or customised systems (e.g. transparent T or L profiles).

All these specifications are based on our most up-to-date information but are subject to changes at any time. A legally binding assurance of certain properties or the suitability of an individual type for a specific field of application cannot be assumed from these specifications.



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