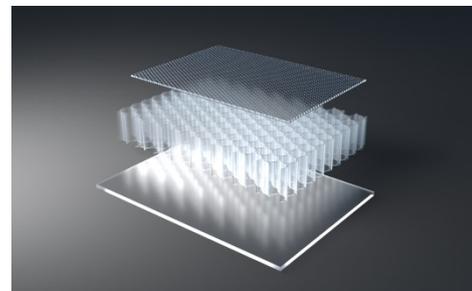


PRODUCT DESCRIPTION

Facing sheets: PET antireflex perf. 1,8 x 1,8 mm perforations Ø 0,5 mm*/2 mm PC clear glossy**

Core: PC-CORE

- AIR-board® acoustic (cell diameter 7 mm)
- big AIR-board® acoustic (cell diameter 12 mm)
- chaos AIR-board® acoustic (cell diameter 4/7/12 mm)



*alternatives: reflective, coated or printed

**alternatives: coated or printed or made of PET

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 quiet panel solves complex tasks. The sandwich element consisting of one micro-perforated translucent and one not perforated translucent outer layer and a colourless or coloured honeycomb core transmits up to 60% of the ambient light, is sound absorbing as well as sound insulating and is characterized by a very low weight with high rigidity.

PROPERTIES

- sound-absorbent up to 65%
- 28 dB sound insulation
- innovative translucent optics
- high light transmission with optimum privacy
- easy cleaning
- easy processing
- available with a range of mounting systems
- formable (PET facing sheets on both sides necessary)
- low weight

DIMENSIONS

Format	Length [mm]	Width [mm]	Thickness [mm]
Standard	2500	1220	20/26
Special dimensions on request			
	max. 3000	max. 1220	max. 30
Tolerances	Length [mm]	Width [mm]	Thickness [mm]
Cut to size	+2/-2	+1/-2	+0/-1

GENERAL PHYSICAL PROPERTIES

Coefficient of thermal expansion acc. DIN 53752-A	Service temperature	Sound insulation acc. DIN EN ISO 10140-2	Light transmission	Weight per unit area
[1/K]	[°C]	[db]	IEC Norm 50 (845)	[kg/m ²]
8 x 10 ⁻⁵	-20 to +60	28	ca. 60%	5,1

APPLICATIONS

free standing wall | wall covering/suspended ceiling | acoustic image by digital printing and light elements | customized application according to our statement 

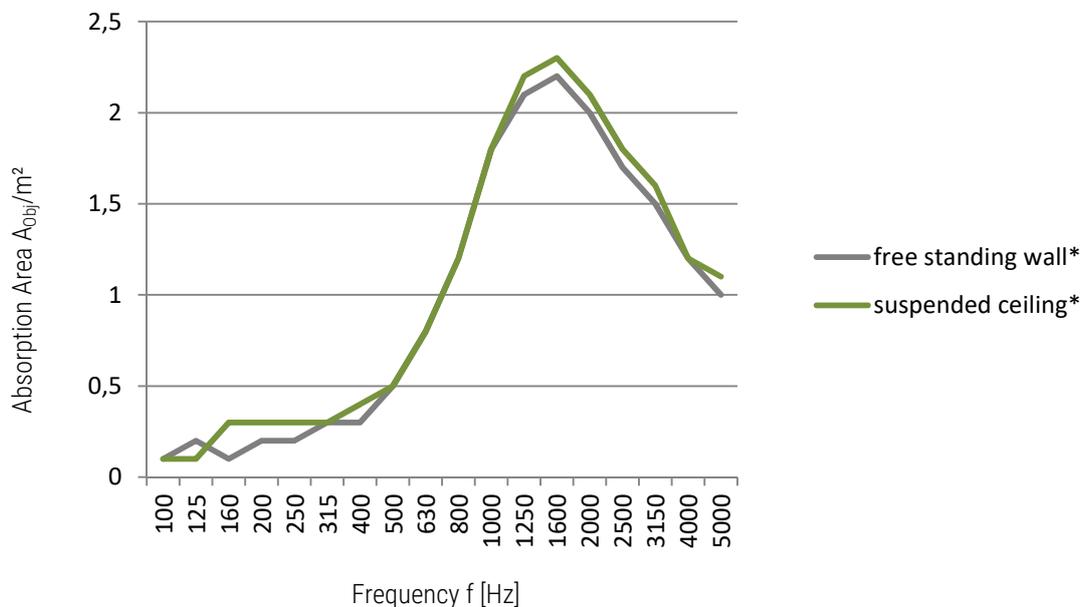
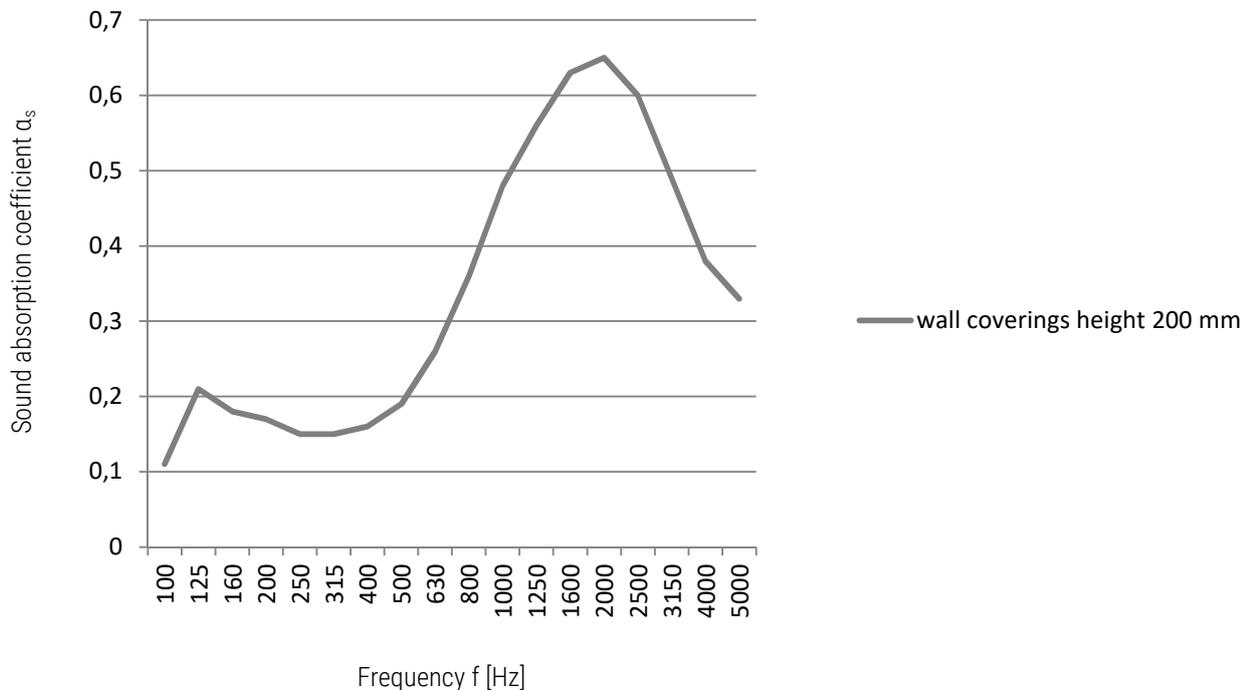
CLEANING

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.

MEASURED VALUES

	Free standing wall/ suspended ceiling	Wall coverings Height 200 mm
Assesed sound absorption coefficient α_w		0,30
Noise Reduction Coefficient NRC		0,35
Sound Absorption Average SAA		0,36
Sound absorption class		D
equ. Absorption Area A_{obj} [m ²]	see graphics below	

AIR-board® acoustic quiet



*based on 2500 x 1220 mm element size

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. All information is provided without any obligation. No legal liability can be assumed.