



HOME OF TRANSLUCENT ACOUSTIC SOLUTIONS

AKUSTIKPANEELE | ACOUSTIC PANELS



Transluzente Akustik-Paneele

Das Streben nach **Transparenz** muss nicht im Widerspruch zur **Akustik** stehen. Die lichtdurchlässigen Elemente überzeugen nicht nur durch eine spürbar verbesserte Qualität hinsichtlich Raumakustik (reduzierte Nachhallzeit), sondern auch durch ihr geringes Gewicht, die vielen Designmöglichkeiten und der einfachen Montage.

Translucent acoustic panels

*The pursuit of **transparency** must not contradict **room acoustics**. The translucent elements not only convince with noticeably improved room acoustics (reduced reverberation time) but also by their low weight, the many design options and the ease of assembly.*

**Eigenschaften/
characteristics**

Leicht/
low weight

Brandklasse/
fire rating-B s1d0

3D-Effekte/
3D-effects

Hohe Lichtdurch-
lässigkeit/
*high light
transmission*

Schallabsor-
bierend bis zu
70 %/*sound
absorbent
up to 70%*

Added value

Formteile/
formed elements

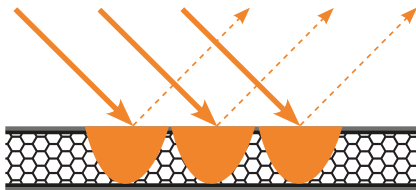
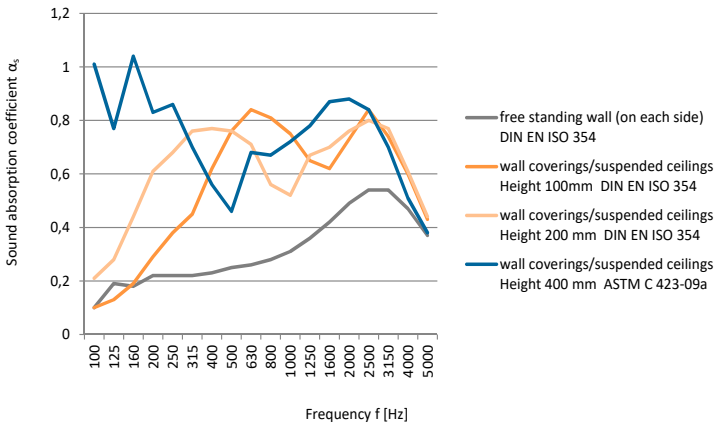
Bedruckung/
printing

Montagefertige
Systeme/
*ready to install
systems*

Kantenverschlüsse/
edge sealings

Befestigungen/
fittings

„ASTM Procedure C423-09a“



Schallabsorption/ sound absorption

AIR-board® acoustic panels are in compliance and conform to the United States Model Building Codes, Uniform Building Code / International Building Code (UBC/IBC) Chapter 26 "Light Transmitting Plastic" for fire behavior and smoke development. UBC / IBC Chapter 26 have been established to provide flammability and smoke development criteria for building applications using acrylic, PET, polycarbonate and PVC type material (thermoplastics). Under Chapter 26, approved plastics must meet all criteria and PASS each test as C1 / CC1 fire classification.

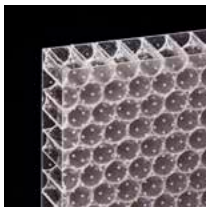
AIR-board® acoustic

Das Sandwich-Element bestehend aus mikroperforierten lichtdurchlässigen Deckschichten und einem farblosen Wabenkern, ist bis zu 60% lichtdurchlässig, wirkt in einem hohen Grad schallabsorbierend, zeichnet sich durch ein sehr geringes Gewicht bei gleichzeitig hoher Steifigkeit aus und ist darüber hinaus schwer entflammbar (B s1 d0 – EN13501-1).

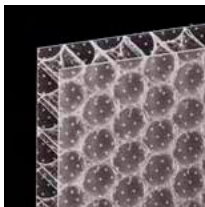
AIR-board® acoustic

The sandwich element consisting of micro perforated translucent facing sheets and a transparent honeycomb core, has a translucency of up to 60%, a high level of sound-absorbing properties, is characterized by a very low weight combined with high stiffness and is also difficult to ignite (B s1 d0 according to EN13501-1).

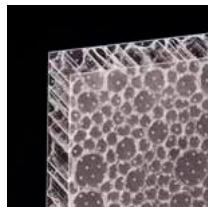
Die Paneele sind in 3 Kernauführungen erhältlich/ *The panels are available in 3 core versions:*



AIR-board® acoustic:
7 mm Zelldurchmesser/
cell diameter



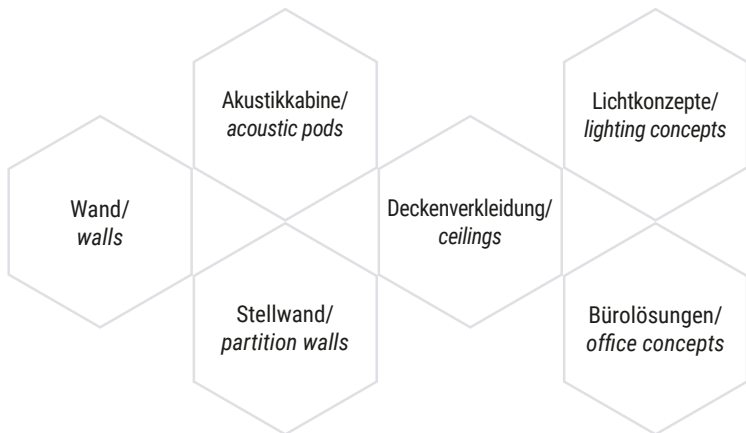
big AIR-board® acoustic:
12 mm Zelldurchmesser/
cell diameter



chaos AIR-board®
acoustic: 4,7 und 12 mm
Zelldurchmesser/
cell diameter

Standarddimension/ *Standard dimension*: 2.500 x 1.220 x 19 oder/or 25 mm
US 98.42" x 48" x 0.75"/1"

ANWENDUNGEN/ APPLICATIONS





Trennwand/*partition wall*
Restaurant Italy
chaos AIR-board® UV PC



Decke/ceiling
Ecot Offices, Columbus US
NVIRONMENT Architect,
AIR-board® acoustic



Bürokonzepte/office solutions

LKH 6060 Hall
Arch. Di Johann G. Waldhart
6020 Innsbruck
AIR-board® acoustic

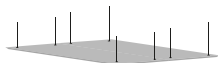
Google Office, San Diego US
big AIR-board® acoustic





Beleuchtete Deckenverkleidung/ *illuminated ceiling*
CSUSM Ballroom US
printed AIR-board® acoustic

BÜROKONZEPTE & INDIVIDUALISIERTE LÖSUNGEN/ OFFICE & INDIVIDUAL SOLUTIONS



3D-effect



printed & formed

AIR-board® acoustic kann beliebig als fertiges System wie Trennwand, Tischaufsatz und Raumteiler (stehend oder hängend) eingesetzt werden. Weitere maßgeschneiderte Lösungen verbinden auf innovative Art und Weise dekorativen Innenausbau, Raumakustik und Lichtplanung.

AIR-board® acoustic can be supplied as a ready to use system such as partition, table top or freestanding/suspended room divider. Additional customized solutions combine innovative decorative interior design with acoustics and lighting design (customized solutions).



formed acoustic pod

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