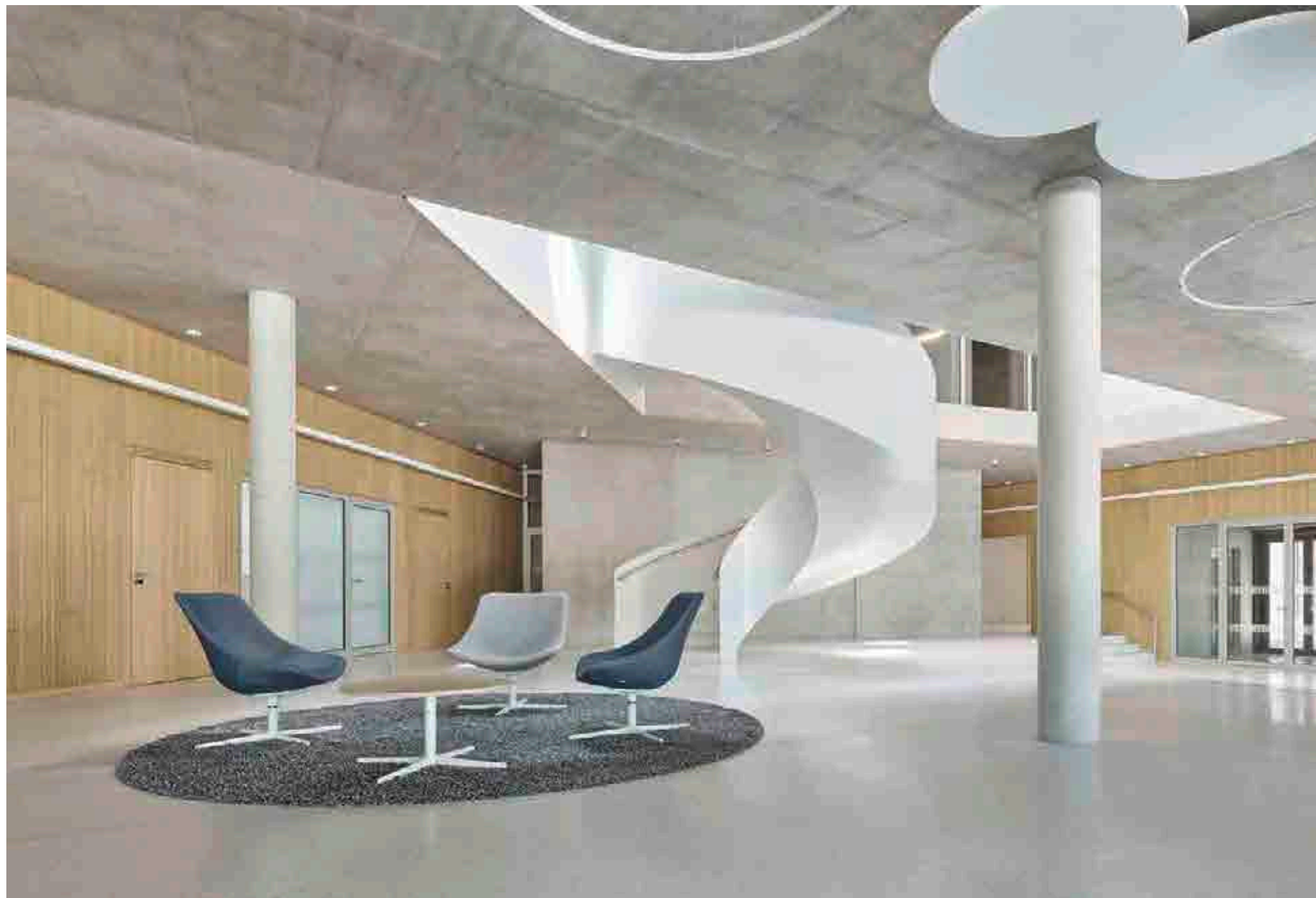


akustik*plus*

**ACOUSTICS**  
MEETS  
ARCHITECTURE





# about us

**akustikplus** is your partner when it comes to high-quality and professional acoustic products for contemporary interior design.

Our product portfolio includes acoustically effective wall and ceiling panels, which are used in the interior both strikingly and discreetly.

With quality, Made in Germany, we produce highly effective sound absorbers, which have been combining functionality and design in an exemplary way for years.

Set audible accents in your projects and enliven interior concepts with unique acoustic products.

**We are looking forward to your project!**



SUSTAINABLE



HIGHLY EFFECTIVE



CERTIFIED



MADE IN GERMANY



CONFIGURABLE



DIVERSE

**akustikplus**

sound  
in  
perfection.



INNØVATION IS  
OUR STANDARD!



DEVELOPMENT COMPETENCE

**W**e are experts in the field of acoustically effective elements.

Patented products and specially developed production processes are the hallmarks of our success story. This makes us one of the world's innovation leaders in this field. From the sketch to the prototype to serial production: we invest in continuous product development. This enables us to meet individual customer requirements, respond to current demands and offer a suitable solution for every project.

MAKE IT  
OUR PROBLEM!



SOLUTION COMPETENCE

**O**ur customers benefit from our solution expertise, especially in challenging projects.

There's no such thing as can't! We offer individual and systematic combinations of products and services. In doing so, we are always in intensive cooperation with our customers. With application-oriented know-how, we analyze requests on an equal footing and involve our customers throughout the entire project phase. Transparency becomes visible with us.

QUALITY,  
THAT CAN BE HEARD!



MANUFACTURING COMPETENCE

**Q**uality management is something we live and breathe. It starts with the selection of suppliers and runs like a common thread through the entire production process. We adjust the right key levers to meet the demands of our customers in every project phase.

In addition to consistent quality, a particular focus of our manufacturing expertise is on modern machinery and a large number of patented production processes.

WE ANSWER  
YOUR QUESTIONS!



CONSULTING COMPETENCE

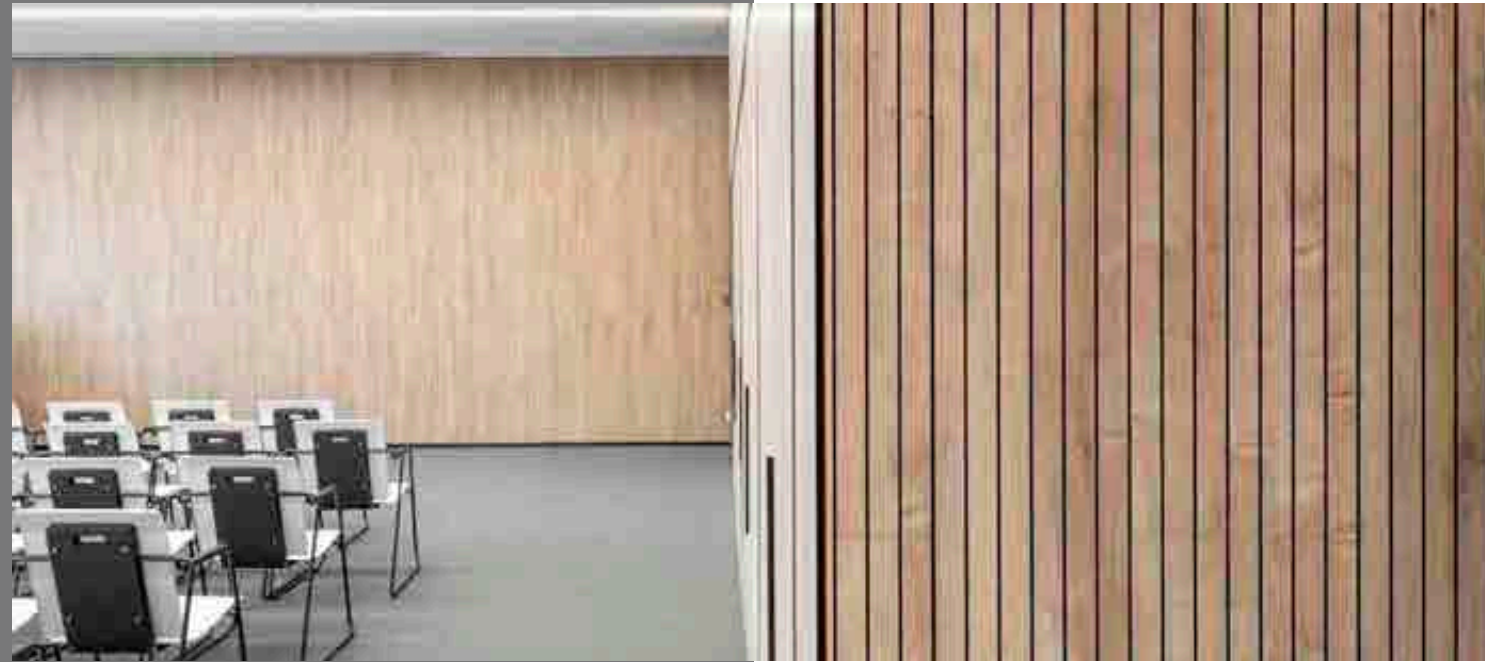
**R**oom acoustics is not magic but pure physics. We have been working for years on the acoustic optimization of interiors and gladly share our knowledge and experience with you.

In addition to professional acoustics measurements in the object, you have the option to attend professional training courses through us. These can be adapted to your individual needs in terms of content and scope. We provide professional advice for your building project.

# products

Our portfolio is a combination of high-quality processed standard products and project-specific developed special solutions. Depending on the area of application, functional requirements and design concept, our customers decide in the first step between slotted acoustic panels of the **slimline** and **smartline** or perforated acoustic boards of the **proline**. All product lines offer a wide range of designs and surfaces.

Use the **QR codes** on the following pages to get detailed information about the respective products!



slotted  
acoustic panels

perforated  
acoustic boards

## slimline

TREND-COLLECTION  
EXCLUSIVE-COLLECTION  
MADE-TO-ORDER



## smartline



## proline

multiONE  
MADE-TO-ORDER



# slimline

## visible acoustics

with slotted  
panels



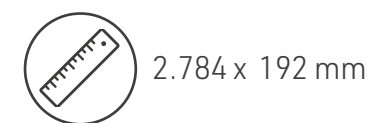
The **slimline** acoustic panels can be mounted both vertically and horizontally on walls and ceilings. The practical tongue and groove system is simply screwed onto a standard substructure using an acoustic clip. You can get the popular acoustic panels in a variety of surfaces and different slits. The panels score with excellent absorption values and are a popular style element in modern interior design.

We've summarized the most popular product variants in the **slimline** TREND-COLLECTION for you. In addition, you will find high-quality acoustic panels in the EXCLUSIVE COLLECTION, which represent a benchmark in contemporary interior design through the combination of functionality and design.

Let us inspire you!



32/4 | coastal oak | EXCLUSIVE COLLECTION



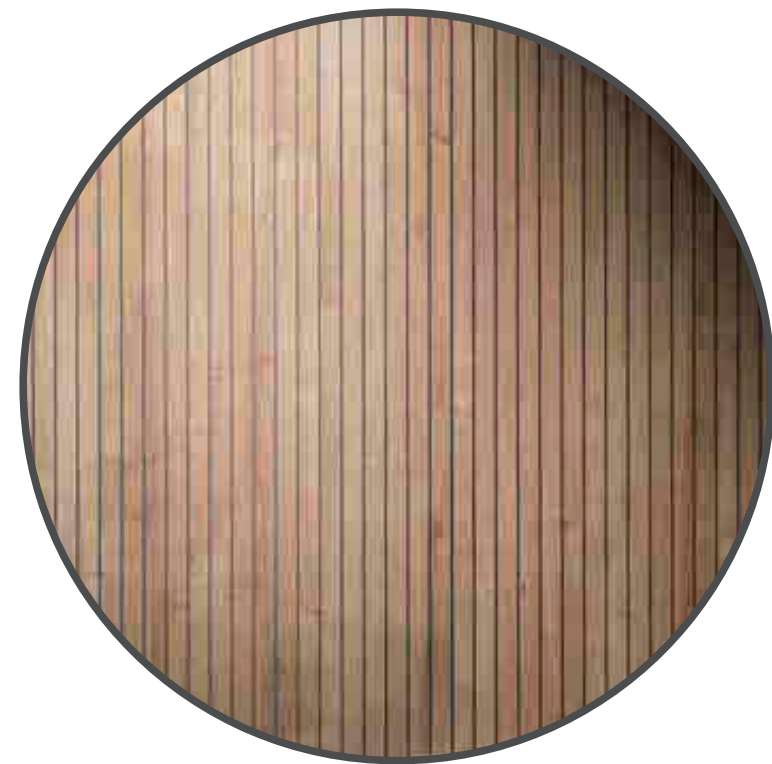
2.784 x 192 mm



slimline  
TREND-COLLECTION

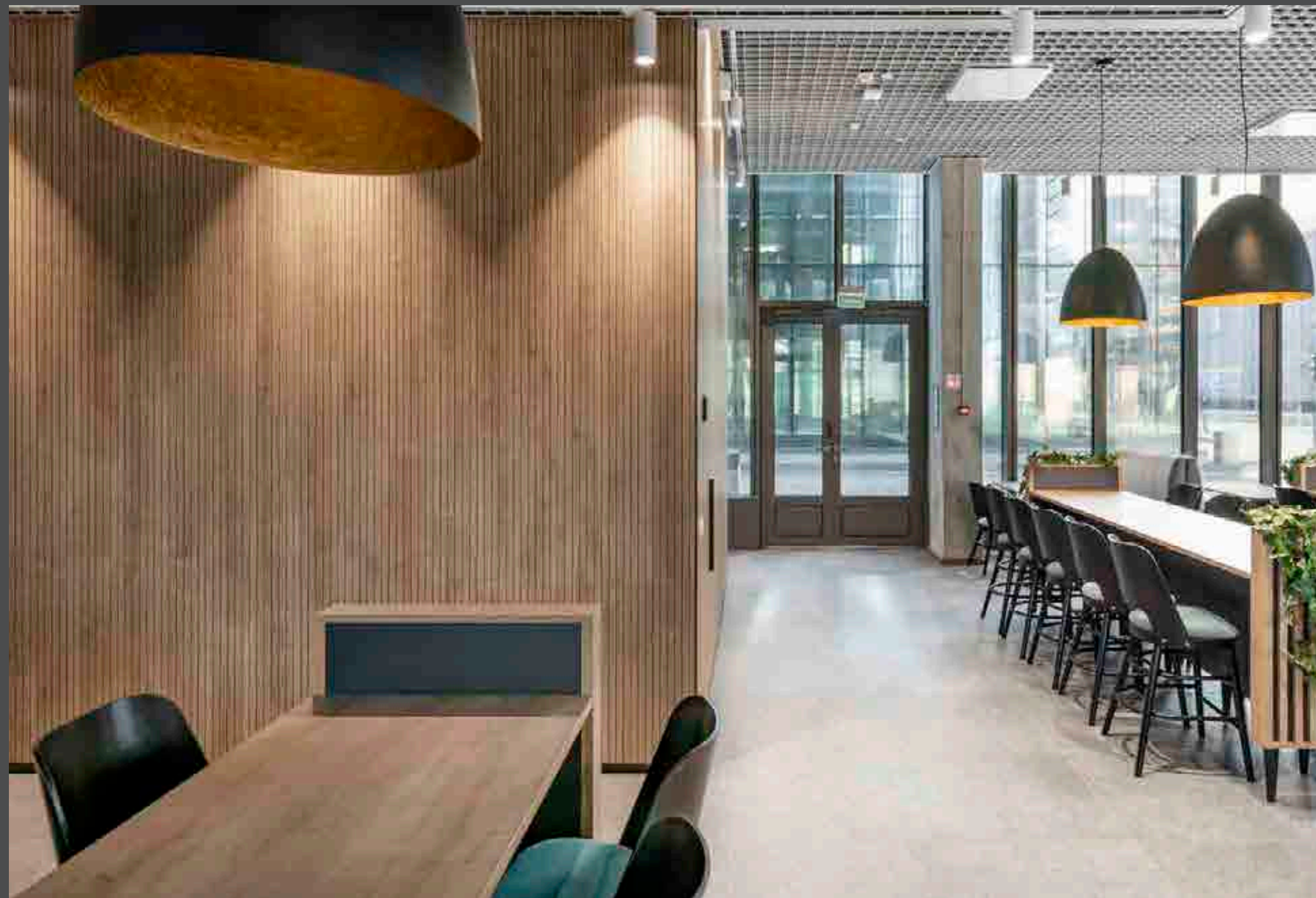


slimline  
EXCLUSIVE-COLLECTION



**EUROPEAN OAK**  
REAL WOOD VENEER

slimline **32**  
**/4**

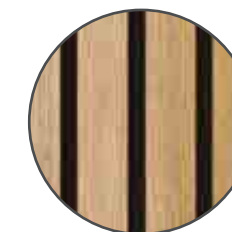


# smartline

—  
**visible**  
**acoustics**  
with integrated  
acoustic absorber

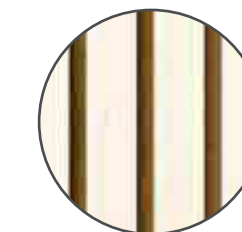


EUROPEAN OAK  
real wood veneer



incl.  
black joint

SILVER FIR  
real wood veneer



incl.  
black joint

All veneer surfaces incl. matte lacquer.

With the **smartline**, we present acoustic panels that skillfully combine functionality and natural design.

The panels have an integrated wood fiber absorber. In addition to its sound-absorbing properties, this also serves as a natural insulator. Interiors can thus be optimized in terms of energy efficiency. In conjunction with the real wood veneer surfaces in silver fir and oak, only ecologically sustainable raw materials are used in the manufacture of the panels.

Whether as a discreet style element or striking wall and ceiling cladding - interior

concepts are acoustically optimized and visually enhanced at the same time with the **smartline**.

In addition, the panel offers ease of assembly. A tongue-and-groove joint in the absorber allows the smart panels to be simply plugged into each other. They can be mounted on walls and ceilings using adhesive or a mounting rail.

As an innovative acoustic manufacturer, we have combined design, room sound and contemporary considerations on the subject of building biology in a natural and high-quality product.



2.770 x 184 mm



energetically positive



brochure



EUROPEAN OAK  
REAL WOOD VENEER

smartline  
23  
/6





# proline

## invisible acoustics

with (micro-)perforated  
acoustic boards



The **proline** multiONE is an acoustic panel that is precisely designed to meet the needs of processing companies. Hole-free webs ensure optimum stiffening of the panel. A circumferential hole-free edge offers the possibility of fitting holes for appropriate hinges. This makes the panel, which measures 2.800 x 1.320 mm, universally applicable and an ideal companion in high-quality interior design.

The innovative acoustic board, in the popular (micro-)perforations **finest** and **classic**, is especially suitable for (further) processing for:

- large-format ceiling sails,
- ready-made wall and ceiling coverings
- or the individual furniture construction.

With the easily configurable acoustic panel, size adjustments can also be made on site by the fabricator at short notice.

The complexity in tender texts can be reduced to a minimum with the universal multiONE.



2.800 x 1.320 mm



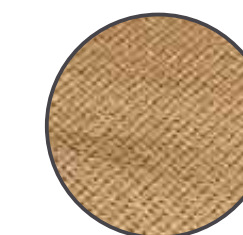
brochure



finest  
1,8/1,8/0,5



single-sided  
decorative



classic  
3/3/1



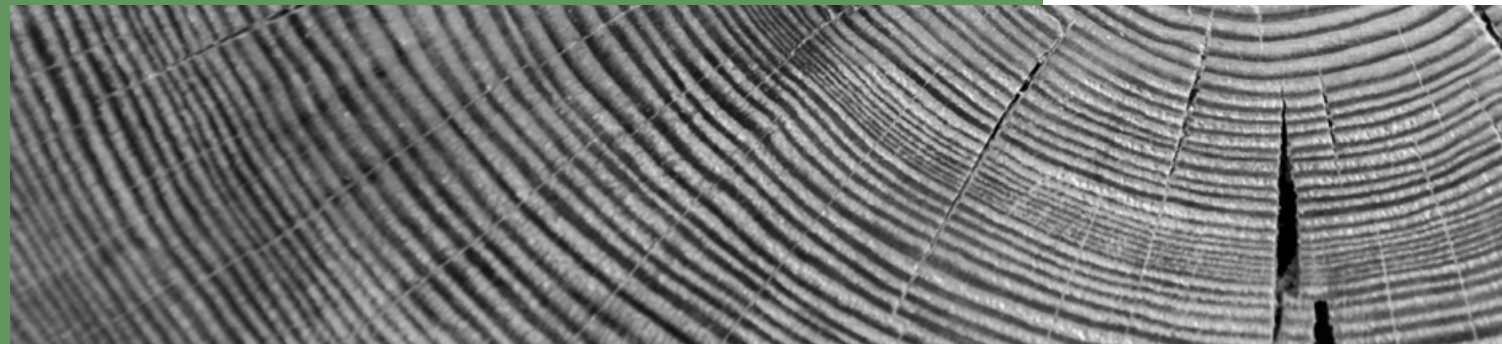
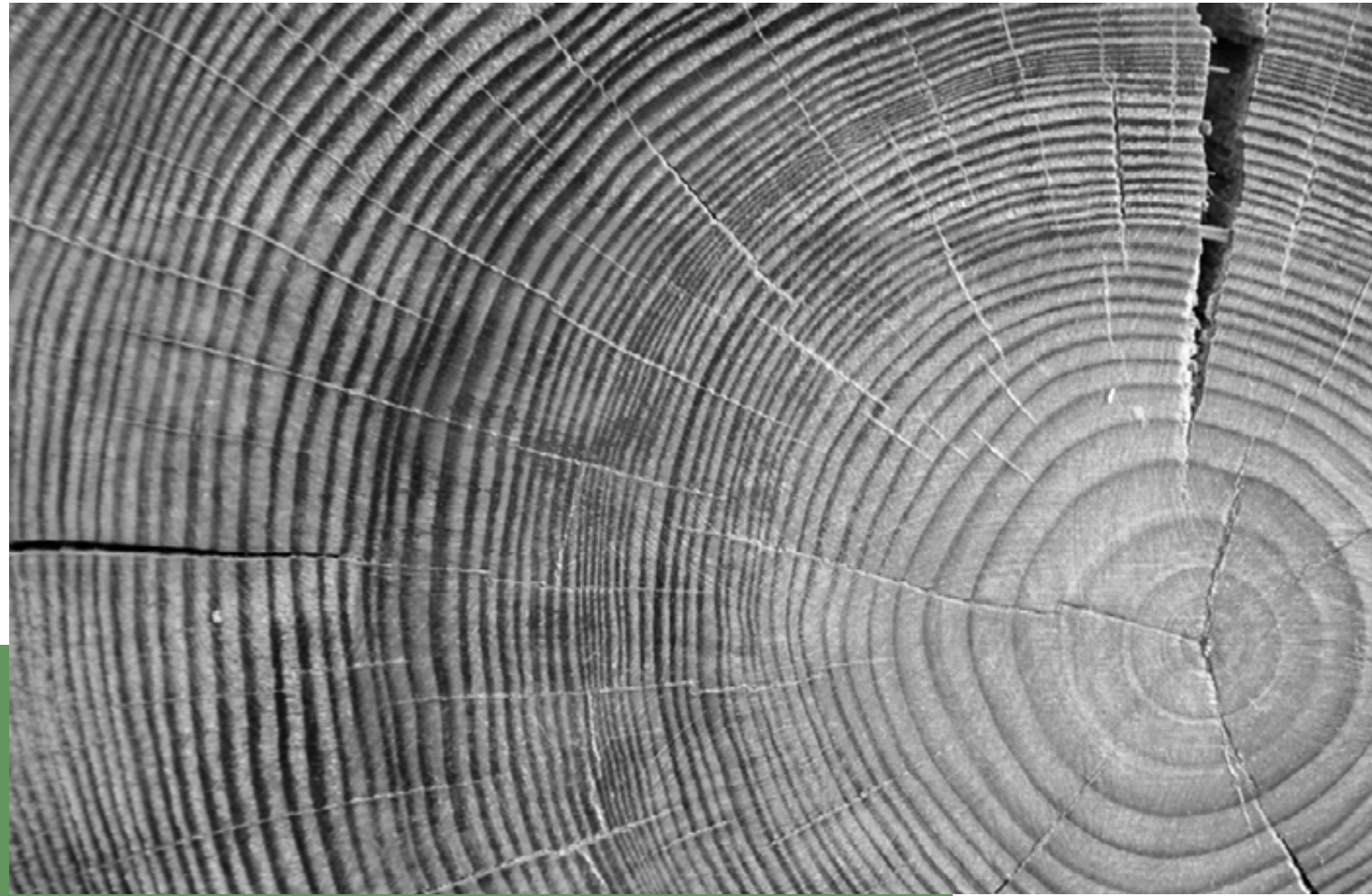
double-sided  
decorative



EUROPEAN OAK  
REAL WOOD VENEER

proline **finest**





# sustain able

Responsible use of natural resources is a matter of course for us. On request, our customers can therefore obtain all products with a proven origin from independently certified forests. We have CoC certification (Chain-of-Custody) according to both FSC® (Forest Stewardship Council®) and PEFC™ (Program for the Endorsement of Forest Certification Schemes) and can therefore meet all national and international requirements in this area as well.

Our understanding of sustainability also applies to the technical production processes. During production, almost all wood waste is converted into energy in our own biomass power plant. This supplies thousands of households with electricity every day. With our own hydroelectric power plant on the company premises, we use yet another sustainable resource to generate electricity.

WE THINK GREEN.



akustikplus

# optimal acoustics for interiors

## areas of application.

Acoustics are omnipresent and accompany us every day. Whether at the workplace, in our own four walls or at a concert - we perceive acoustics everywhere. It is therefore all the more important to ensure that acoustics are taken into account in architecture. Interior spaces are not only perceived visually.

Rather, it is the interaction of all the senses that determines the positively perceived quality of a room. Acoustics play a key role here.

We are specialized in optimizing interiors acoustically with high-quality sound absorbers. However, we do not ignore the visual aspect. For us, acoustics and design go hand in hand.

Discover on the following pages the different areas in which our acoustic solutions are integrated.



LIVING AREAS



PUBLIC BUILDINGS



OFFICES



EDUCATIONAL INSTITUTIONS



ART & CULTURE



# living areas



## PERSONAL COMFORT ROOMS

Acoustics also play an important role within your own four walls. From the living and dining area, to the hobby room, to your own home office. From everyday life, people often get used to poor acoustics.

A deficit is then only noticed after an optimization or in the case of noticeable health problems. We make sure that it doesn't come to that. Under the motto „Room sound for you“ we would like to sensitize people to the fact that they should also deal with the subject of acoustics in their private lives. Change is sometimes closer than you think. Reduce acoustic stress factors in your home and create an oasis of well-being and regeneration.



## LIVINGROOM

Location  
Hamburg | Germany

Photo  
akustikplus

# public buildings



## SPACES OF COMMUNICATION

Whether in restaurants, bars, hotels or convention centers - room acoustics must be considered in facilities where people come together and communicate.

Pleasant room acoustics play an essential role in selective perception and contribute significantly to people's sense of well-being.

Improved acoustics in public spaces lead to less noise, facilitate communication, create a more pleasant atmosphere for conversation and thus have a positive influence on the perceived quality of stay.



## NEW TOWN HALL BODØ

Location  
Bodø | Norway

Photo  
Adam Mørk





# offices



A well thought-out acoustic design of office spaces has been proven to have a major influence on well-being, the ability to concentrate and the productivity of employees.

Our solutions are as tailor-made as the variety of workplaces. We see ourselves as specialists for contemporary office design and innovative working environments.

Modern architecture with large glass facades, exposed concrete and smooth surfaces is increasingly bringing the issue of room acoustics into the focus of office concepts.

Whether as a striking design element or a discreet addition - our extensive product portfolio offers the right solution for every need.



## FOR THE HEALTHY WORKING ENVIRONMENT



## COURT HOUSE

**Location**  
Salzburg | Austria

**Photo**  
Lukas Schaller | Rainer Taepper

# educational institutions



The relevance of room acoustics in educational institutions is scientifically substantiated and practically proven. Poor acoustic design of rooms impairs cognitive performance (lack of concentration), safety (overheard alarm signals), health (noise-induced headaches) and well-being (restless atmosphere). Even social-emotional factors such as the ability to deal with conflicts are negatively influenced by non-existent acoustic concepts.

From daycare to university:  
The Education theme world deals specifically with the acoustic equipment of such rooms and is just as important for young children, pupils and students as it is for educators and teaching staff.



TEACHING,  
LEARNING,  
LIVING



## ELEMENTARY SCHOOL THONER ESPAN

Location  
Nuremberg | Germany

Photo  
Ralf Dieter Bischoff



# art & culture



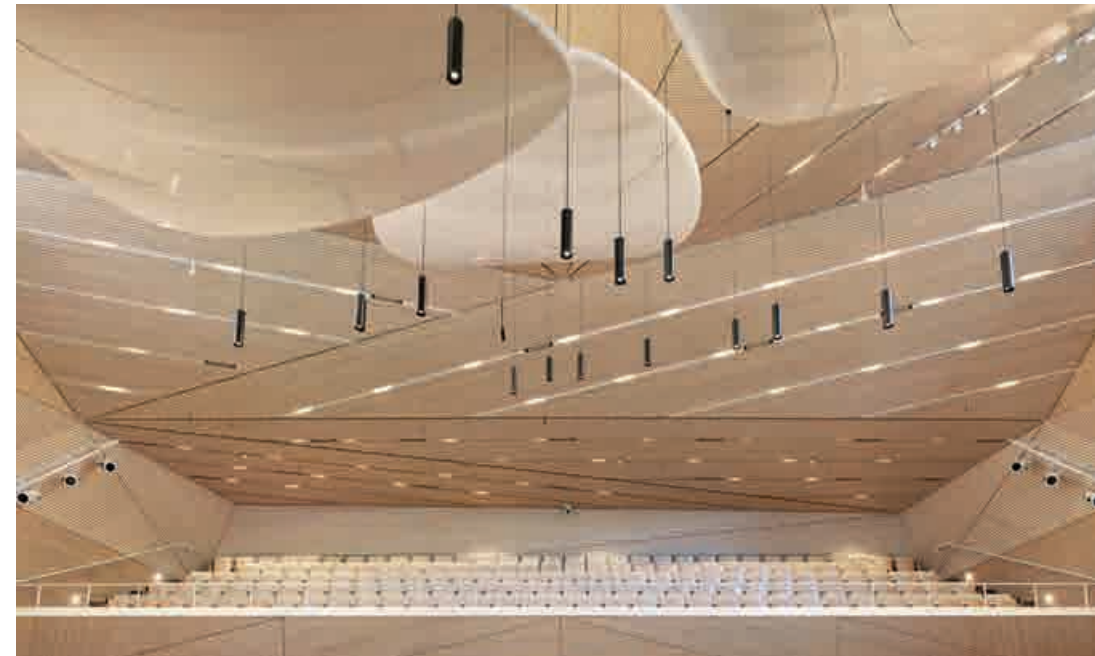
IT'S NOT  
WHAT YOU HEAR,  
BUT HOW YOU HEAR IT

We create visibly more sound experience! Our products are particularly suitable for projects in which acoustics are at the center of planning and a high-quality appearance is required.

From the world-famous Elbphilharmonie in Hamburg, to the spectacular concert hall in Andermatt in the Alps: we are at home in the concert halls of this world.

The challenge in such projects is to skillfully combine optimal room acoustics, a prestigious appearance, high functionality and individual requirements.

As experienced specialists in this field, we offer solutions for holistic interior concepts. With products from **akustikplus**, concert visits and cultural events also become a visual highlight.



## ANDERMATT CONCERT HALL

**Location**  
Andermatt | Switzerland

**Photo**  
Roland Halbe

hear the  
difference.

## acoustics made by professionals.

Many acoustic manufacturers today offer acoustic optics instead of functionality. Our professional products combine aesthetic design with outstanding acoustic performance and offer you the possibility to create rooms with optimal sound quality. With us you get the right acoustic solutions with a comprehensive service.

See for yourself!



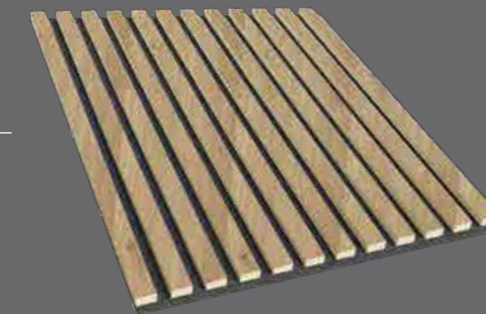
# pro acoustics

- up to **95%** sound absorption
- combined **functionality** and **design**
- very **large effect** with few acoustic elements
- effective **price advantage** (less absorber area needed)
- officially **certified** according to DIN 354
- selected **hygienic** and **durable** surfaces
- professional **customer care** in every phase of the project



# acoustic optics

- only approx. **10-15%** sound absorption
- generally speaking **low functionality**
- often **less effective** even with many acoustic elements
- high **costs** (a lot of absorbing surface necessary)
- usually **not certified** or approved
- mostly **dirt-prone** and **low-quality** surfaces
- little service and mostly **no support**



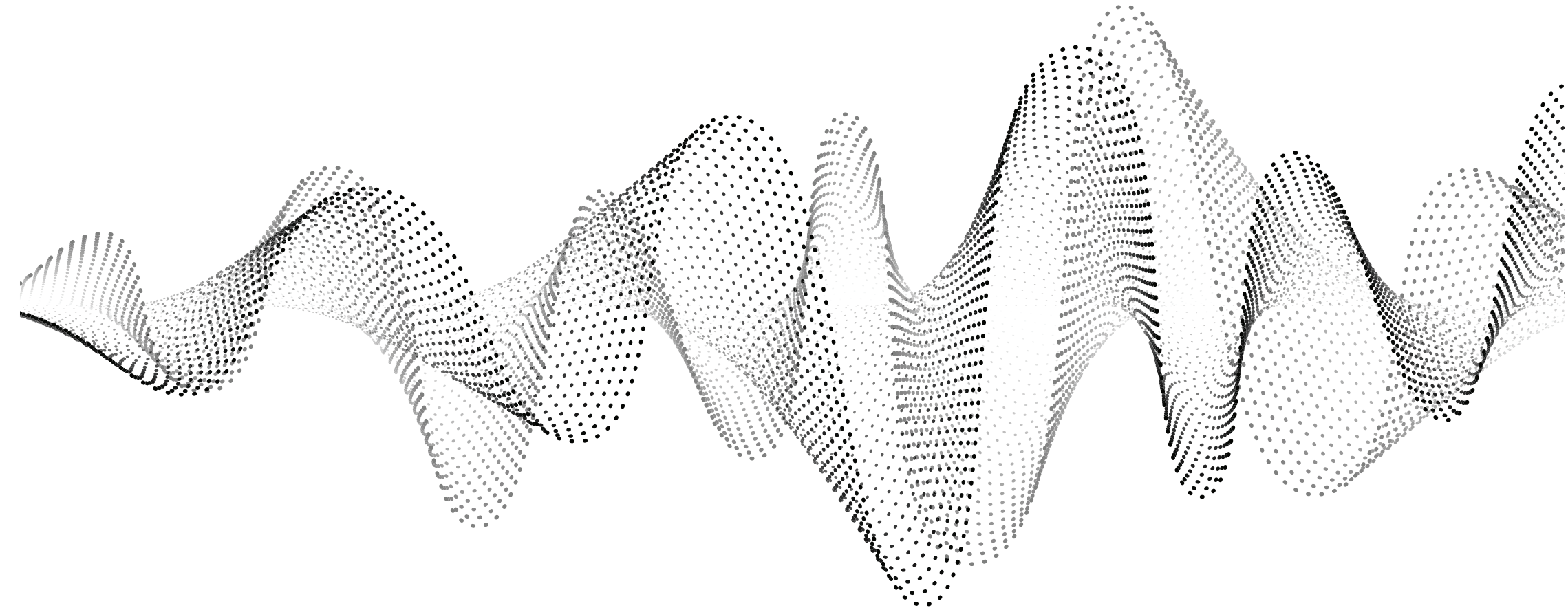
## exemplary room.

Reverberation time is a central component of room acoustics.

It indicates the length of time it takes for a sound event to become inaudible and thus has a significant influence on speech intelligibility in a room.

This usually decreases with a correspondingly long reverberation time. By using acoustic elements, the reverberation time in the respective room can be adjusted and optimized in a targeted and plannable manner.

The connection between acoustic optimization and reverberation time can be seen on the following pages using an exemplary room.



# exemplary room

poor  
acoustics

Without acoustic measures, extremely long and unpleasant reverberation times of almost 2 seconds occur. Smooth and sound-reflecting surfaces reflect the incident sound and usually lead to unpleasant flutter echoes. Careful acoustic planning is therefore required, especially in modern architecture.

This is where we come in!



Hear the difference!

reverberation  
**1,9 sec.** time



# exemplary room

optimal  
acoustics

With suitable acoustic measures, our exemplary room is optimally equipped both visually and acoustically. The panels are placed in such a way that they have the greatest possible acoustic effect, namely exactly where the most sound occurs. Previously, the room seemed very cool and clinical, and the reverberation times were also way too long.

With our acoustic panels, both the feeling in the room and the room acoustics were significantly improved.



Hear the difference!

reverberation  
**0,7 sec.** time



# our service

## acoustic calculator



With the online acoustic calculator, you can already get a preview of how your room will sound later. All you need is the room dimensions and some information about the installed surfaces. You can then insert our products into the room and get an acoustic preview.

If that's not enough, you can request a professional room acoustics expert opinion free of charge.

[info@akustik-plus.com](mailto:info@akustik-plus.com)



Sound absorption values

## professional acoustic consulting

We advise you at every stage of the project. To make it as easy as possible for you to access our acoustic products and to give you the necessary planning security, our competent acoustic consulting service is available to you.

Are you an architect or a commercial dealer?  
We would be happy to offer you arranged individual training courses!

## all-in-one project support

Our employees are at your disposal in every project phase and help you realize your ideas. We will be happy to answer any questions you may have on the subject of construction, building physics or fire protection.

Of course we are able to provide you with all relevant test certificates.

## high quality sample boxes

You will find a meaningful selection of different products in the high-quality sample box. Get an idea of the value of our products yourself.

We promise our customers quality that can not only be heard, but also be seen.





*Photo*  
Ken Wagner

“  
WE LOOK  
FORWARD TO  
YOUR **PROJECT.**”

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to us**

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