

SLIMLINE  
EXCLU  
SIVE  
COLLE  
CTION

akustik*plus*

# exclusive acoustic panels made by professionals.

slimline

32  
/4

**akustikplus** is your partner where high-quality interior fitment is concerned.

For many years we have been producing high quality, made in Germany, acoustic solutions that effortlessly combine design with functionality.

With our new EXCLUSIVE-COLLECTION we are now showing you the best face of room acoustics. We have selected eight special surfaces and combined them with our **slimline** 32/4.

As a special highlight we selected a black MDF core-board for them.

Every surface has its own character.

Which one fits you the most?

Liven up your interior design concepts and place audible accents with our unique acoustic panels.

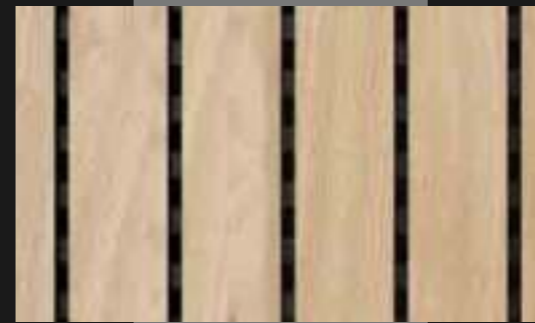
We are looking forward to your project.

**akustikplus**

# products in this range.

slimline 32  
/4

more info



**Coastal Oak**  
DECORATIVE MELAMINE SURFACE

9010-20-32/4-0004



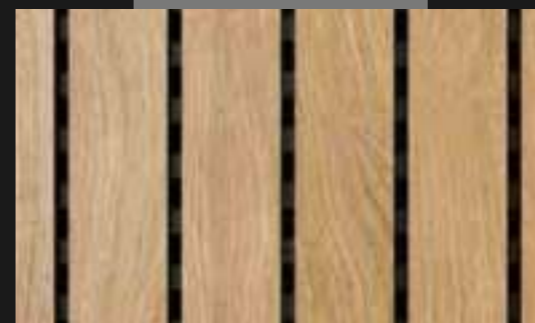
**PREMIUM WHITE**  
DECORATIVE MELAMINE SURFACE

9010-20-32/4-0003



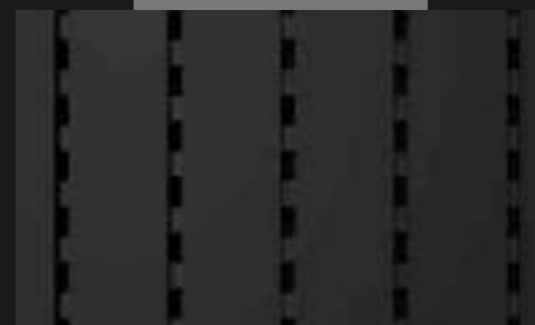
**BLACK WALNUT**  
REAL WOOD VENEER

9010-20-32/4-0002



**EUROPEAN OAK**  
REAL WOOD VENEER

9010-20-32/4-0001



**PREMIUM BLACK**  
SOFT-TOUCH MELAMINE SURFACE

9010-20-32/4-0005

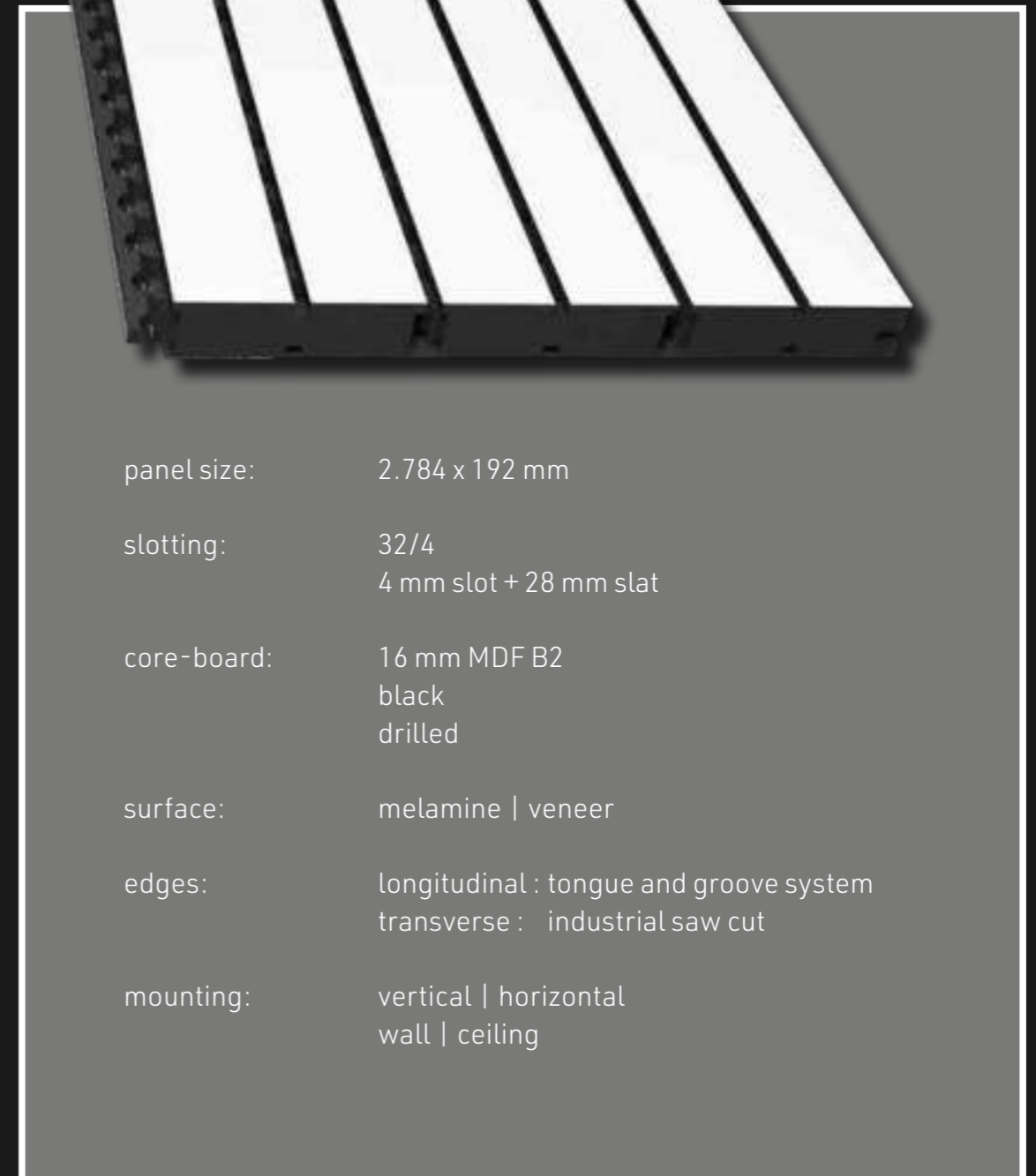


**BRONZE**  
REAL METAL, BRUSHED

9010-20-32/4-0006

# product details

32  
/4  
slimline



panel size:	2.784 x 192 mm
slotting:	32/4 4 mm slot + 28 mm slat
core-board:	16 mm MDF B2 black drilled
surface:	melamine   veneer
edges:	longitudinal : tongue and groove system transverse : industrial saw cut
mounting:	vertical   horizontal wall   ceiling



# construction

## SURFACE MELAMINE | VENEER

The EXCLUSIVE-COLLECTION impresses with unique surfaces. Whether decorative melamine or veneer - not just your ears will take notice!

## CORE-BOARD 16 mm MDF B2 BLACK

The heart of the **slimline**. Soundwaves enter the panel through the drilled core-board and are absorbed there.

## ACOUSTIC FLEECE BLACK

The rear-mounted acoustic fleece also possesses acoustic properties and improves acoustic performance.

## BACKING-LAYER TECHNICAL

The technical backing-layer is also drilled through and keeps the panel stable long-term.

Introduce a little maritime flair into your home. Our coastal oak brightens up rooms naturally. The high-quality decorative melamine surface serves as a perfect backing for greenery and modern furniture styles.

# COASTAL OAK

DECORATIVE  
MELAMINE SURFACE





COASTAL OAK  
DECORATIVE MELAMINE



COASTAL OAK —  
LETTING SOUNDWAVES  
RUN ASHORE.



# PREMIUM WHITE

DECORATIVE  
MELAMINE SURFACE

The highly popular shade of white with premium opaqueness. This surface impresses with its neutral and warm character and complements almost all wood finishes perfectly. A natural feel and matte finish round out this robust melamine surface.

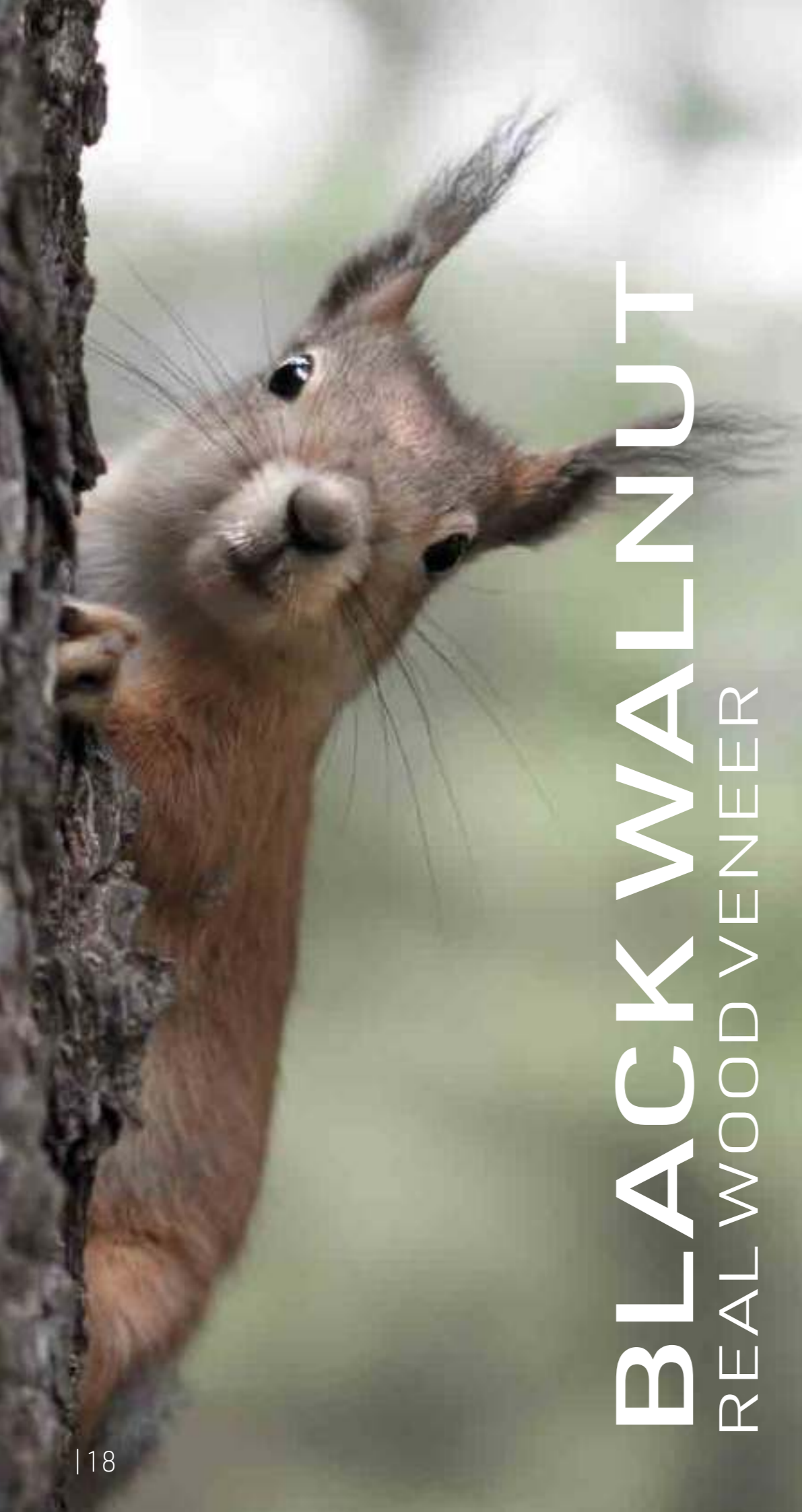


**PREMIUM WHITE**  
DECORATIVE MELAMINE SURFACE



SO FRESH AND  
SO CLEAN.





# BLACK WALNUT

REAL WOOD VENEER



Our black walnut is a high-quality real wood veneer projecting warmth and elegance. This surface is currently very popular, thanks to the darker shade and premium impression. At the same time it stays interesting and lively through visible natural grain patterns.



**BLACK WALNUT**  
REAL WOOD VENEER



A TIMELESS  
CLASSIC.





# EUROPEAN OAK

REAL WOOD VENEER



Our most popular veneer of them all – European oak.

Uncompromising design and a touch of nature for your interior space.

By combining subtle and prominent features of the wood grain, a harmonious and premium look is achieved. We produce all our veneer surfaces in pleasing match to underline the natural properties of the material.

A UV-hardened matte lacquer protects the veneer from damage and reduces light scatter on the surface.



EUROPEAN OAK  
REAL WOOD VENEER



NATURAL  
BEAUTY.



# PREMIUM BLACK

SOFT-TOUCH MELAMINE SURFACE

It's hard to keep your hands off this surface! Reason enough to equip this deep black with a special anti-fingerprint treatment. Premium surface-feel is guaranteed. It combines and contrasts all our other surfaces exceptionally well and will accentuate your interior design language.



PREMIUM BLACK  
SOFT-TOUCH  
MELAMINE SURFACE



THE BLACK  
SHEEP  
OF THE COLLECTION.



ANTI-FINGERPRINT





# BRONZE REAL METAL BRUSHED

A metallic surface?  
Why yes of course!  
With the **slimline** 32/4 in bronze, a wow-effect is guaranteed.  
Especially in combination with our other surfaces you can set up premium accents.  
The brushed finish has a unique surface-feel. Something you'll want to see up close.

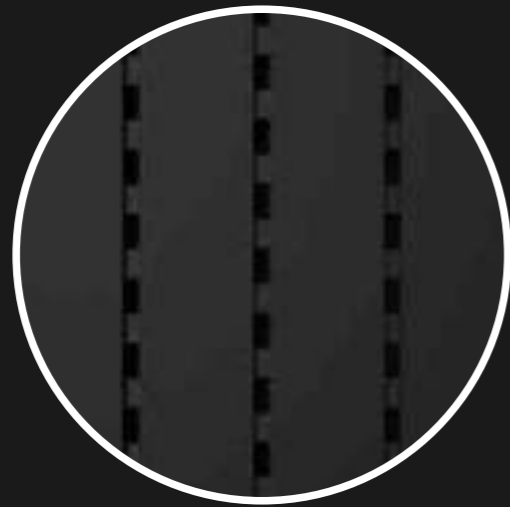




**BRONZE**  
REAL METAL | BRUSHED

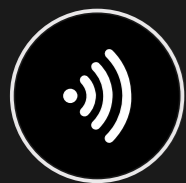
GOLD AND SILVER  
ARE OLD NEWS.

akustik*plus*



**back in  
black.**





## THE LOW-FREQUENCY- ABSORBER

Acoustic panels from this collection are acoustically high performant and absorb up to 85 % of all occurring frequencies in the room- especially low ones. Depending on the mounting options up to absorption class C is possible. The **slimline 32/4** is most comfortable in the low frequency band. Here it achieves the best results. During conversations in office-spaces, especially regular day-to-day business, this absorption is very important. High frequencies are usually less troublesome and don't require as much pre-planning to eliminate.

The panel therefore works exactly where it is needed!

overall build-up	216 mm
cavity (open)	150 mm
PET-fleece	50 mm
panel thickness	16 mm
frequency [Hz]	$\alpha_p$
125	0,55
250	0,85
500	0,80
1000	0,80
2000	0,65
4000	0,60
$\alpha_w$	0,70
absorption class	C

ABSORBIERT  
BIS ZU  
**85%**

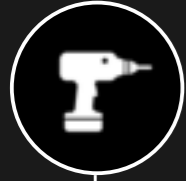


Products from **akustikplus** stand for professional-grade quality made in Germany. With us you receive dependable quality through standardised production processes, controlled material logistics and trusted suppliers.



made in germany

R&D, design and all the production processes are 100% located in Germany. By providing high quality products, we want to provide our customers with a good feeling.



## IDEAL FOR WALL & CEILING

Our **slimline** acoustic panels can easily be connected to each other with their convenient tongue and groove joint on the longitudinal side. Mounting options are very flexible and can either be a classic wooden substructure or metal drywall profiles. The panels are secured with metal clips that we also offer alongside the panels. They are made from high-strength stainless steel and secure a perfect fit on wall and ceiling. Find out more on page 42.

# ISO 354

While other producers only advertise with acoustic effectiveness, we validate our claims and offer our customers full transparency. Room-acoustics aren't magic but raw physics. This means that we validate every single product we offer for its acoustic properties and effectiveness. Validations are important and relevant because current construction projects require acoustic planning and fitment. The leading standard for those validations is the DIN 18041.

With **akustikplus** you receive validated and certified acoustic products.

In the European norm for construction-acoustics the measurement in an echo-chamber to establish the acoustic absorption coefficient according to **DIN EN ISO 354** is strictly regulated.

This is the benchmark to which we measure ourselves and provide planning security to you.





# areas of application



## LIVING AREAS

Acoustics also play an important role at home. This applies to everything from the living and dining area to the hobby room and home office. People often get used to poor acoustics as part of their everyday lives. Only after optimization or in the case of health problems does a deficit become apparent.

## PUBLIC BUILDINGS

Whether in bars, restaurants, hotels, or congress centers - acoustics are essential in rooms where people come together and communicate. Improved acoustics lead to less noise, facilitate communication, create a more pleasant conversational atmosphere, and thus have a positive impact on the quality of stay.



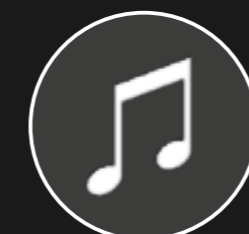
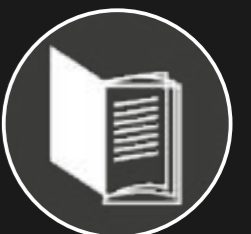
## OFFICES

Our acoustic solutions are customized to suit the diversity of workplaces. The products focus on contemporary office design and innovative work environments.

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

## EDUCATIONAL INSTITUTIONS

The relevance of room acoustics in educational institutions is scientifically substantiated and practically proven. Inadequate acoustic design of rooms impairs cognitive performance and receptivity, safety (missed alarm signals), health and well-being.



## ART & CULTURE

Our products are perfect for projects where acoustics is central to the design and a high-quality appearance is required.

All the way from the world-famous *Elbphilharmonie* in Hamburg to the spectacular *Andermatt Concert Hall* in the Alps: we are proud to be at home in concert halls all over the world.

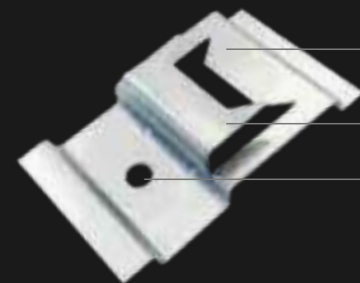
# mounting details

Traditional fastening systems such as battening, counter-battening or commercially available rails from drywall construction can be used to mount the slimline acoustic panels. The individual panels can either be fastened through the groove with mounting brackets or the specially hardened steel mounting clips shown here can be used. The system is equally suitable for both wall and ceiling mounting.

The acoustic panels can be installed either in the masonry bond or without offset. The installation system in the masonry bond makes it possible to install the panels with virtually no offsets. Depending on the size of the wall or ceiling surface, we recommend laying the narrow joints with a spacing of 2 – 3 mm to prevent material-related dimensional changes in the longitudinal direction

Please refer to the installation and processing instructions on our website.

packing unit: 200 pcs./pu  
consumption: 10 pcs./m<sup>2</sup> (recom.)  
dimension: 42 x 45 mm  
material: stainless steel



- hardened steel, extremely stable
- no slipping thanks to mounting tips
- compatible with any screw head



## horizontal

## vertical



# installation & processing

Our acoustic elements are suitable for indoor use only. Prior to installation, ensure that the mounting surface is dry and the humidity in the room is reduced to a minimum.

As a result of the slotting, a change in the room climate, especially humidity, can lead to material-related dimensional changes.

Substructures and expansion joints must be adapted to accommodate this expanding and shrinkage behavior. Sufficient rear ventilation of the acoustic elements must also be ensured for climate balance.

You can find detailed information in the respective documents in the download area of our website.

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## conditioning

Conditioning requires special attention. Conventional wood materials are hygroscopic, i.e., they absorb humidity and release it afterwards. This behavior manifests itself in dimensional changes, which must be taken into account during the installation process. The storage and processing conditions of the elements should match the climate in which they will later be used as much as possible. It is recommended that the products be conditioned for a few days in the future premises under the intended conditions of use prior to installation. These recommendations must also be observed on construction sites.

## (further) processing

Our products are derived from wood-based materials coated with decorative surfaces. These can be processed unproblematically like wood-based materials, meaning that the general safety rules and processing principles for wood-based materials must be applied. We will be happy to support you with professional advice.

## transport & storage

Transport and storage of acoustic elements must be carried out in the original packaging or on flat and stable pallets. If the packaging is removed, the acoustic elements must be stored on full-surface and flat protective plates.

Direct contact with the ground and/or sunlight should be avoided. The top element should always be covered with a protective panel of at least the same size. The acoustic elements must be stored in closed and dry storage rooms under normal climatic conditions (approx. 18 – 25 °C and 50 – 65 % relative humidity).

## handling

The acoustic elements must be checked for visible damage after removal of the packaging and before processing! Special care is required during transport and handling, as the elements may lose stability due to the slotting unlike homogeneous board materials. Avoid moving the decor sides against each other or pulling them over each other.

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More information:

[www.akustik-plus.com](http://www.akustik-plus.com)  
&  
[www.raumklang-fuer-dich.de](http://www.raumklang-fuer-dich.de)

# our service

## SUBMIT A REQUEST

We are an international company and networked worldwide. In many regions of Germany and European countries we work with local dealers and sales partners together.

For your inquiries, send us an e-mail or contact us via telephone.

## ORDER SAMPLES

Designs from our **EXCLUSIVE-COLLECTION** can be ordered in a high-quality sample box.

As a rule, we only charge a small nominal fee for the samples, which will of course be cleared should an order be placed afterwards.

## SCHEDULE AN APPOINTMENT

We support you in every phase of the planning and implementation of your projects. Whether on the phone, at your location or directly in the respective premises - we are there for you.

Likewise, we offer training courses regarding acoustics and professional consulting sessions.

## VISIT OUR WEBSITE

On our website [www.akustik-plus.com](http://www.akustik-plus.com) you will find detailed product information. Here you will find data sheets, references, current information and background knowledge regarding room acoustics. A network map gives you an overview of partners in your area.



WE ARE  
LOOKING  
FORWARD  
TO YOUR  
PROJEKT."

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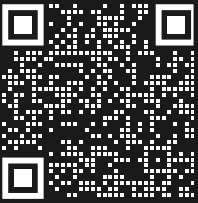
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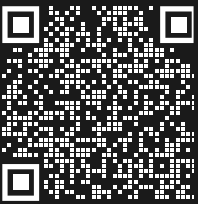
# yourway to us

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