

PLATTENABSORBER



EASY TO INSTALL



MASSIVHOLZ AKUSTIK

WIRKUNGSVOLL KONZEPTIONIERT



# ATMOS ACOUSTICS

## AN ENDURING BRAND



1848 - Kaiser Franz Joseph I became emperor of Austria, the Radetzky March was performed for the first time in Vienna and... Michael Plaschkowitz founded the predecessor to the current 'First Austrian Gym and Sports Equipment Factory'.

1989 – brothers Dr. Michael and Florian Burkheiser acquired the company and in 1992 relocated to Wiener Neudorf where the latest production methods were used for the work and manufacturing.

In addition to the PLATURN brand for gym and sports facility development, the brothers also developed the ATMOS Acoustics brand.

2015 – the company continued to grow and this was followed by the expansion and merger of the production and storage facilities at a newly built and ultra-modern site in northern Burgenland.

Planning, production and delivery for assembly takes place over an area of over 10,000 m<sup>2</sup>... just as it has been for over 160 years.





# SUSTAINABLE PRODUCTION WITH THE LATEST MACHINERY



We produce and supply our customers with acoustic components and composite materials for a range of materials, with defined technical specifications and specific visual requirements. In this sense, we see ourselves as a full-service provider, covering all of our customer tasks and requirements. We are able to adopt a flexible approach to customer requirements thanks to the customisation process which uses a modern BIESSE panel-sizing saw with CNC controller incl. automatic feed, combined with a custom-made CNC-controlled drilling centre with four individually controllable drilling units and spindles for acoustic perforations plus two 8x revolver units for drill holes, milled recesses and edge finishing.

The customer-friendly manufacturing and production of pre-assembled panels, plates and pre-fabricated elements for wall and ceiling coverings is made possible thanks to the surface coating which is based on a paint finishing system from MAKOR with a unique arrangement of the cleaning machine, grinding machine, spraying robot, vertical dryer, roller coating and UV dryer and is suitable for all environmentally-friendly, water-based applications such as water-based varnish, wood stain, UV coatings, spray-on UV coatings and roll-on UV coatings.

25 years of experience in order-specific CNC processing for small and large-batch production even for the car industry or furniture manufacturing.

We have the right machine for every part.



## FAKTEN

10.000 m<sup>2</sup> Produktion und 1.000 m<sup>2</sup>  
Büro und Verwaltung

5 CNC Bearbeitungszentren

Vollautomatische Lackierstraße

Zuschnittanlage mit autom. Beschickung





## UNIVERSITÄT

Material: MDF Eiche Echtholzurnier

B-s1, d0

Akustik: ATMO<sup>phon</sup> 14/2+ extra

Fläche: 2.000 m<sup>2</sup>

Planer: Architekturbüro 1, Linz

Kunde: Tischlerei Stiftinger





# PANEL ABSORBERS TAILORED TO YOUR REQUIREMENTS



Room acoustics calculator.  
Equivalent sound absorption area.  
Reverberation time. Sound absorption level.

Everything important. Accurately identified.  
But you still don't quite understand it.

Incorrectly mounted. Too expensive.  
And still there are slits. Or holes.

Is this what you are looking for?

- Incombustible ceiling sail
- Highly effective foam
- Thermally formed 3D absorbers
- Made from recycled materials
- Sustainable production
- Coloured final finish
- Microperforated panels
- Highly flame retardant slotted panels
- Real wood veneer surface
- Ecological drylining solution
- With textile lamination

The right solution for every application.  
Guaranteed.

## ATMO<sup>kustik</sup>

Perforation-based acoustic processing



## ATMO<sup>phon</sup>

Slot-based acoustic processing



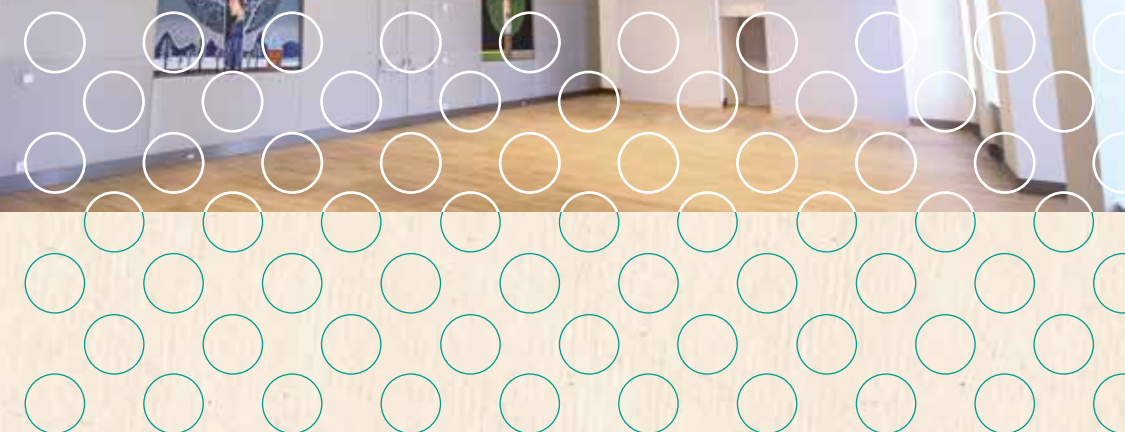
## ATMO<sup>design</sup>

Visual, acoustic CNC processing



## ATMO<sup>lamelle</sup>

Acoustic slat and panel elements







## UNIVERSITÄT

Material: MDF RAL 9016 Lackierung

B-s2, d0

Akustik: ATMO<sup>phon</sup> 29/3

Fläche: 3.500 m<sup>2</sup> Akustik-Wandverkleidung

Planer: BUS Architektur, Wien

Kunde: Bundesimmobiliengesellschaft





## UNIVERSITÄT

Material: MDF schwarz durchgefärbt, RAL 9017

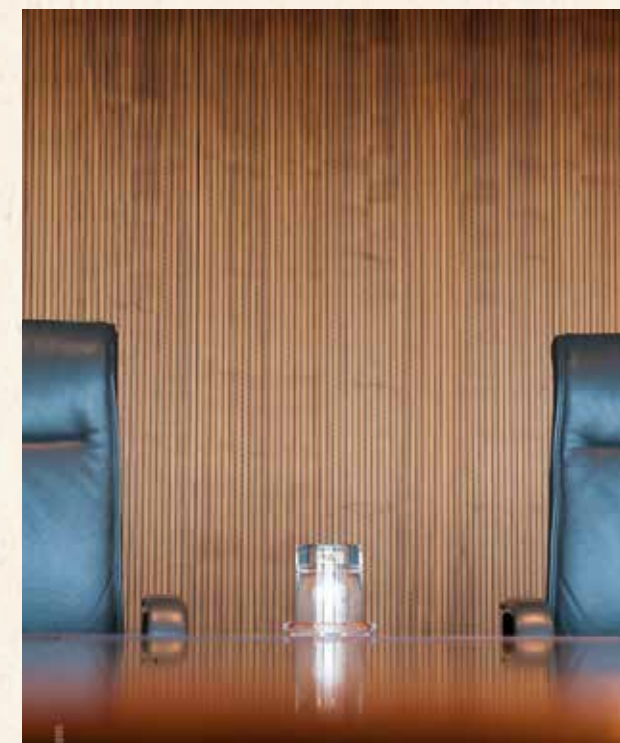
Akustik: ATMO<sup>phon</sup> 12/4

Fläche: 600 m<sup>2</sup>

Planer: STORCH EHLERS PARTNER, Hannover

Kunde: Bundesimmobiliengesellschaft





## BESPRECHUNG

Material: MDF schwarz durchgefärbt

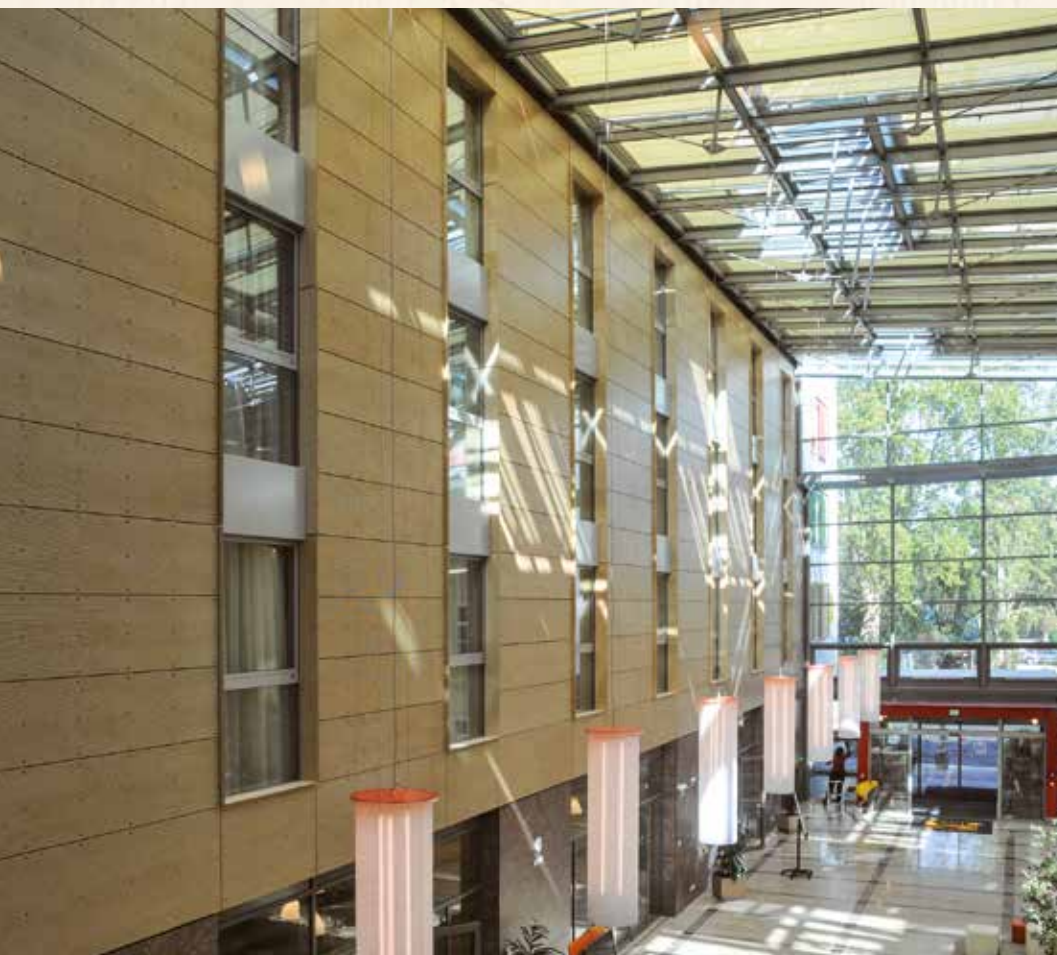
amerikanische Nuss

Akustik: ATMO<sup>phon</sup> 13/3

Planer: henke und schreieck Architekten, Wien

Kunde: OMV





## JUGENDHOTEL

Material: MDF Birke natur

Akustik: ATMO<sup>phon</sup> 5/3

ATMO<sup>kustik</sup> 16/8

Fläche: 1.100 m<sup>2</sup>

Planer: Hermann + Valentiny | Podsedensek, Wien





## MUSEUM – Haus der Musik

Material: MDF NCS lackiert Fliesen, Weiß

Fläche: 650 m<sup>2</sup>

Planer: UN Studio, Amsterdam

Kunde: Bundesimmobiliengesellschaft





## MEDIENCENTER

Material: Lodenstoff Absorber

Tannenlatten mit Weißanteil

Akustik: ATMO<sup>phon</sup> Vario

ATMO<sup>kustik</sup> 16/10

Fläche: 4.500 m<sup>2</sup>

Planer: Riepl & Riepl, Linz

Kunde: Stadtgemeinde Schladming





## EASY TO INSTALL AN INNOVATIVE SOLUTION

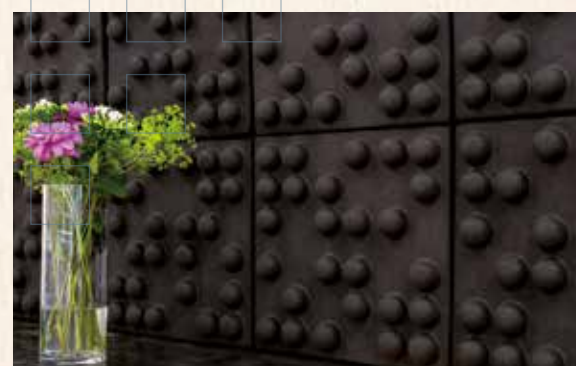
Developed as a highly effective 3D acoustic product made from recycled materials, we have invested great efforts in using resource-saving materials which enable acoustic efficiency as well as the optimal visual room design.

Using high quality Soundtect design panels, we have succeeded in disguising acoustic functionality with imagination and created lots of attractive and appealing designs, available in 12 striking colours.

Given the subtle balance between reducing reverberation and absorbing sound, these panels have exceptional acoustic effects. The absorption effect of the 3D panels (absorption category A,  $\alpha = 1.00$ ) confirm this.

Our new CLASS Circle ceiling sail product, which was exhibited at the 100% Design Show in London, completes the ceiling sail sector.

No matter where or how these 3D acoustic panels are used, they bring a certain WOW effect to the room.











# SOLID WOOD ACOUSTIC ELEMENTS

## MODERN ELEGANCE

The ATMOS solid wood elements are made from one, three or multi-layer panels such as spruce, silver fir, larch or oak. Depending on the requirements, perforated ATMOkustik or slotted ATMOpheon panel designs can be used for the acoustic processing, depending on the level of sound absorption wanted or needed.

Solid wood acoustic elements are also suitable for making subsequent acoustic improvements due to their low element thickness, paired with soft-fibre panel absorbers in the centre of the elements. The low weight of the elements makes the system particularly suitable for use as a ceiling sail, suspended acoustic ceiling or insert in existing grid ceilings.

Any recesses for any kind of installation can either be produced at the factory or at the installation site using standard customary woodworking tools.







## SCHAURAUUM WIEN

Material: MDF Eiche natur, sägerau

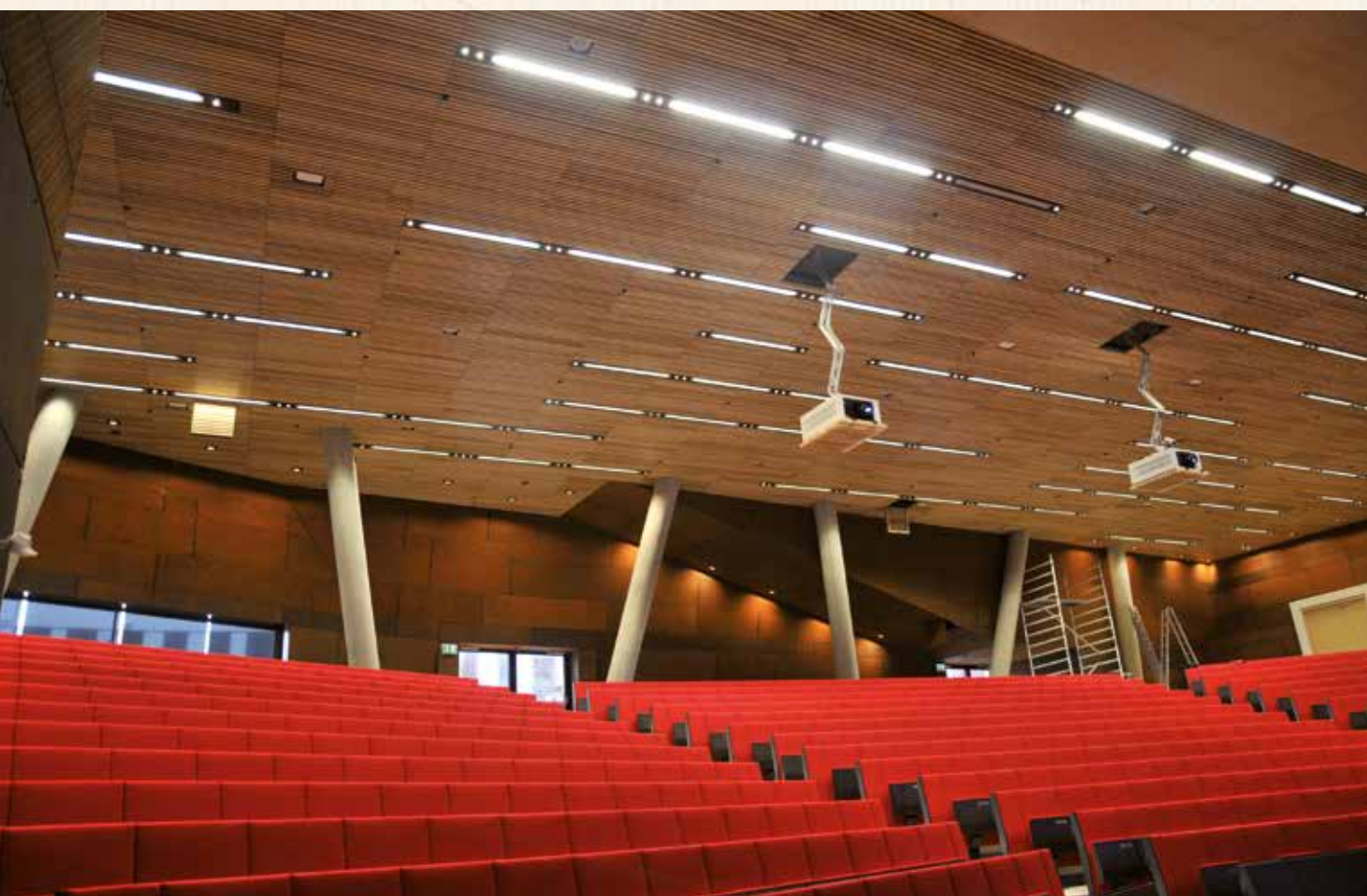
B-s1, d0

Fläche: 800 m<sup>2</sup>

Planer: archiguards, Wien

Kunde: Josko Fenster & Türen GmbH





## AUDIMAX

Material: Eschen-Massivholzplatten

Fläche: 1.200 m<sup>2</sup>

Planer: BUS Architektur, Wien

Kunde: Bundesimmobiliengesellschaft





## EINKAUFSMALL

Material: Dekorspan Loire-Esche

Fläche: 1.500 m² Lamellendecke

Planer: BEHF, Ebner Hasenauer Ferenczy ZT, Wien

Kunde: SIGNA Holding



# HIGH QUALITY PRODUCTS

## OUR SOLUTIONS – AN OVERVIEW

We offer innovative products and composite materials as acoustically effective wall and ceiling coverings or as ready-made acoustic elements, both in standard and requirement-based designs.

The latest flexible production processes enable the optimal product for every requirement and for a range of materials. We provide competent advice on the performance of our products in terms of the standards and regulations in place and provide users with professional support.

Our customers and partners can depend on our expertise which we have continued to expand since the outset. Personal contact partners and advisors are on hand to provide product information, news and supply and ordering options or you can visit us on the internet at [www.atmos-akustik.at](http://www.atmos-akustik.at)

### ATMO<sup>kustik</sup> HSH micro

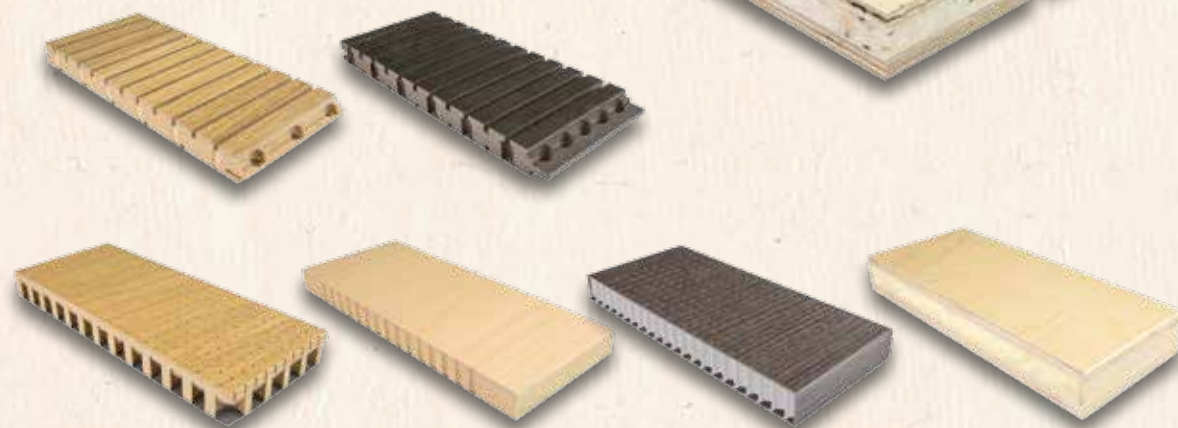
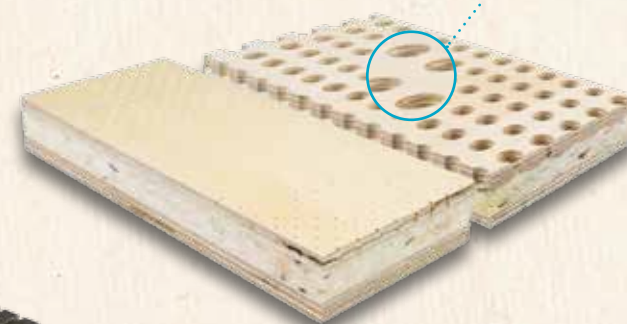
akustisches Verbundelement mit unterschiedlicher perforierter Akustikbearbeitung an Front- und Rückseite



ATMO<sup>kustik</sup>  
# 8/8 Ø 3 mm

### ATMO<sup>kustik</sup> HSH micro+

ATMO<sup>kustik</sup>  
# 16/16 Ø 10 mm



#### 1 Geschlitzte Akustikbearbeitung

Nähere Infos in der Broschüre: „Preisliste Bearbeitung und Oberfläche“



#### 2 Brandschutz

Nähere Infos in der Broschüre: „Akustikpaneele B-s1, d0, schwer entflammbar“



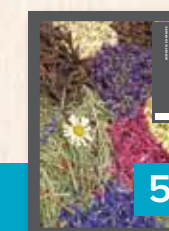
#### 3 Akustiklösungen für die Gastronomie

Nähere Infos in der Broschüre: „Raumakustik in der Gastronomie“



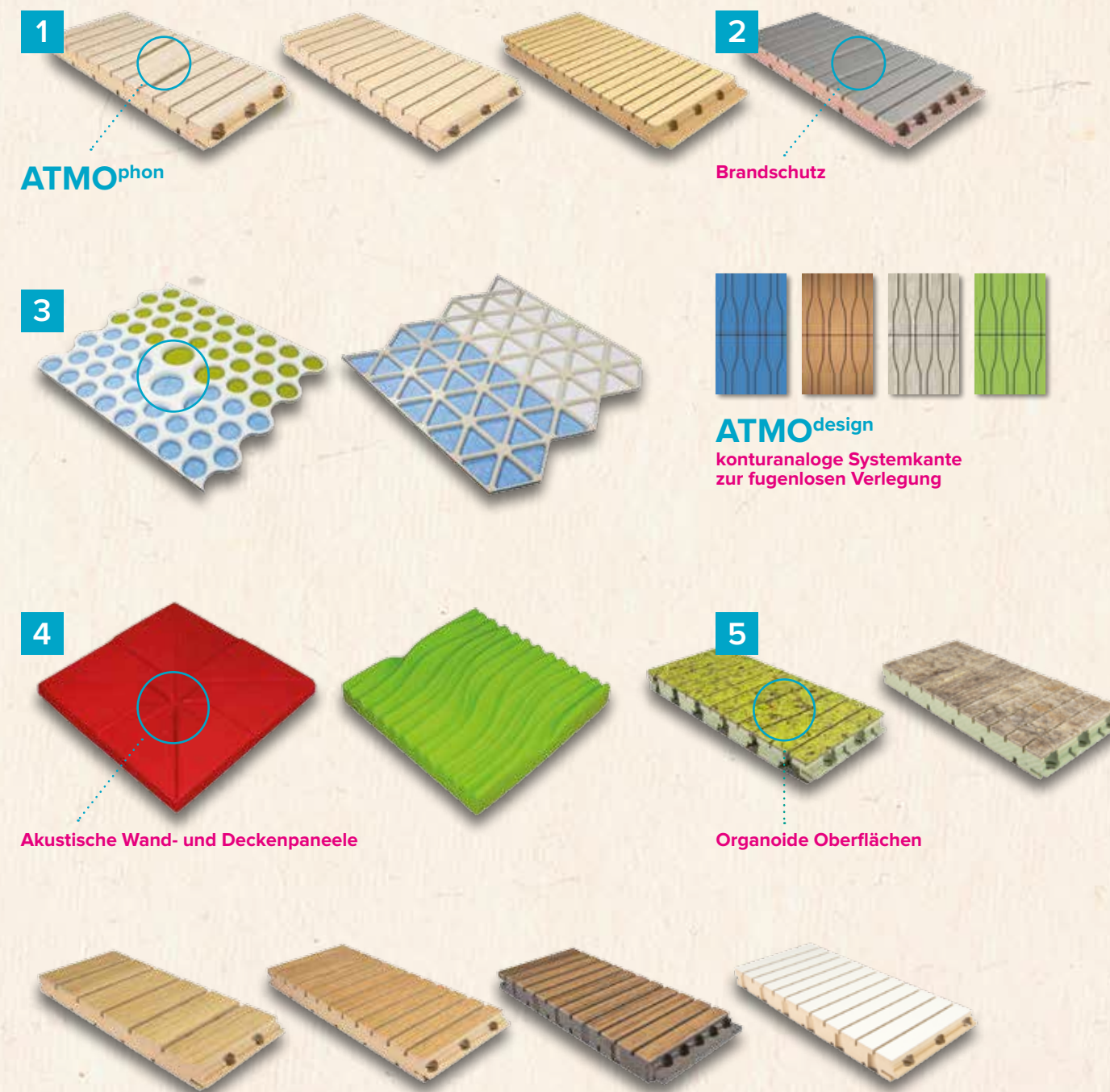
#### 4 Akustische Wand- und Deckenpaneele

Nähere Infos in der Broschüre: „Ästhetik für klaren Sound“



#### 5 Organoide Oberflächen

Nähere Infos in der Broschüre: „Organoide Akustik“







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ERSTEN ÖSTERREICHISCHEN  
TURN- UND SPORTGERÄTEFABRIK

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