#### IMPACT ACOUSTIC®

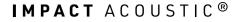




## Acoustic solutions

From bespoke solutions to ready made products.

connect@impactacoustic.com | www.impactacoustic.swiss



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HABITAT MATTER habitatmatter.com

spec@habitatmatter.com



### **Sven Erni and Jeffrey Ibañez,** *Founders*

Following decades of success in architecture and interior design in Asia and Europe, our passion for design and innovation established a new era in acoustic solutions. Here, design meets sustainable development goals.

## We are *innovation rebels:* permanent beta.

Driven by a strong belief that people and the planet can thrive at the same, we create beautiful, yet functional acoustic solutions designed to improve the lives of all of us without compromising the planet – permanent beta.

Every one of us has a responsibility to drive change, to make an impact. But making sustainable choices can be hard. We get that. Contributing to a better you and a better planet can happen in several ways, such as making conscious choices and opting for sustainable initiatives. We help you do that.

At IMPACT ACOUSTIC, we specialize in turning single-use materials into high-quality finished products that support design practitioners beat acoustic challenges. Naturally, our products are not the only solution in the war against singleuse plastic. We reuse just about 16 minutes of the annual consumption of plastic bottles.

Yet, one step in the right direction is better than no step. That's why we spare no effort always to think one step ahead so you can feel like you're making an impact, too.

Now, go explore the collection of acoustic solutions and pick your favourite. We support you with custom requests and specialize in bespoke solutions. Thanks to a network of creative application engineers, product designers, and architects, we translate your ideas into a tangible product.

## 2 founders

28 colours

created for our unique ARCHISONIC® material. Each with a story to tell.



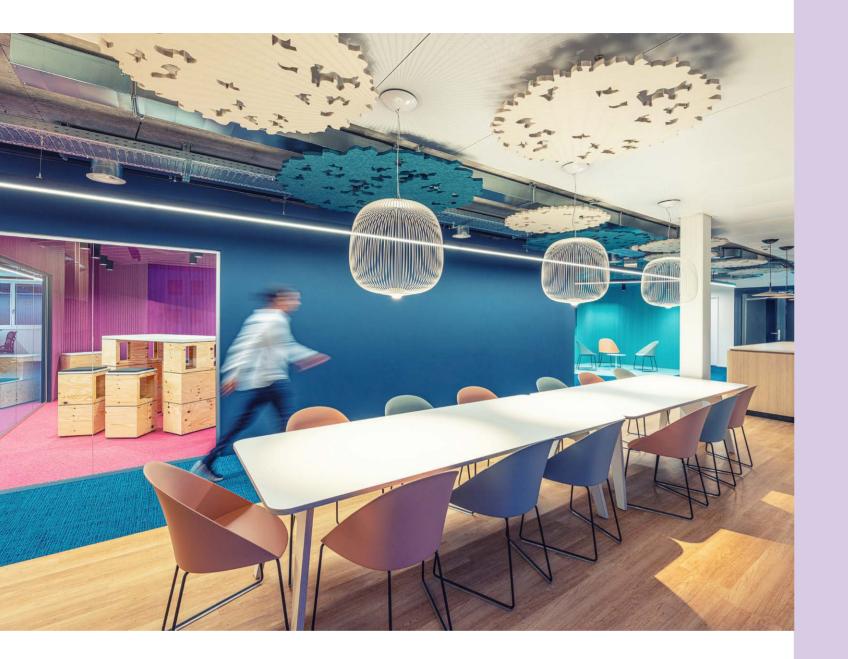
2019 founding year

*100 %* **social** 

Products of IMPACT ACOUSTIC<sup>®</sup> prove to be a great tool for companies that take corporate social responsibility seriously.



PET bottles are recycled annually and used for manufacturing of our products.



## Our Sewices: from consulting to digital manufacturing

### Acoustic advisory

Seeking to optimise acoustic comfort and improve the well-being of teams, acoustic elements must have the right performance and naturally support your design vision—whether classic or modern, bold or subtle. In short, we help you solve acoustic challenges while accommodating your design goals and budget.



Often, efficient material planning receives little to no attention in the design phase. The result is loads of cut-offs that are of no use, increased costs, and environmental damage. That ends here. We help you minimise material waste for your projects thanks to specialized tools and custom cutting plans.

#### Parametric design

We don't draw but program your unique ideas, and we so do by combining deep expertise in the field of computational-aided design, digital manufacturing, and a profound understanding of craftsmanship and materials. This approach delivers remarkable and sophisticated designs that perfectly meet your requirements from ideas to budget.



Looking to turn your prototype into a tangible, working product? We help companies, across industries, and can support you, too. With a fusion of the latest technology, high-precision cutting centres, experienced product designers and application engineers, we have got you covered. So, skip delays, and get IMPACT ACOUSTIC involved at the beginning to accelerate the process of your new design project.



Similar to acoustics, lighting impacts our cognitive performance and problem-solving abilities. That is why we have brought together the best lighting technology with the best acoustic products, so you can perform at your best. We support you during any project from planning to lighting calculations to ensure you achieve the right luminance and acoustic performance.

#### **Planning** and nesting optimisation

## **Pioneering the** war against single-use plastic



#### The *foundation* of our products

accredited.

In the fight against the use of single-use plastics, we support the global Trash Hero movement with a financial fund, organization and participation in their clean-up events.

#### Social engagement

We work closely with professionals with disabilities and develop solutions that we use in our products. Get in touch with us to find out more about our ecological and social initiatives.



Dematerialisation, recycling, upcycling, and life cycle management are the foundation of our products and services. Our next big step is to develop products from our production waste through circular design principles. All our products are Cradle to Cradle Certified, and LEED v4





## Acoustic Ceilings

Transform your ceiling into a soundproofing piece of art with acoustic ceiling designs. Our standard and bespoke solutions help you beat acoustic challenges in a creative and effective way, ultimately improving the acoustic comfort and well-being of teams. Let's talk about your unique design ideas.

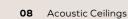
Our services
Bespoke Parametric Ceiling Baffles

#### Project HQ Zurich Airport Ltd.

84488444

4444444

From conception to realization, our design team uses algorithmic-based processes that deliver unique and sophisticated acoustic designs perfectly tailored to your requirements and budget.



#### Bespoke Parametric Ceiling Baffles



#### Straight

A simple and timeless design that works in almost any space. The round edges add a soft feel and an element of surprise to rather rigid lines, while the perfectly engineered gaps between the baffles grant building services easy access when required.

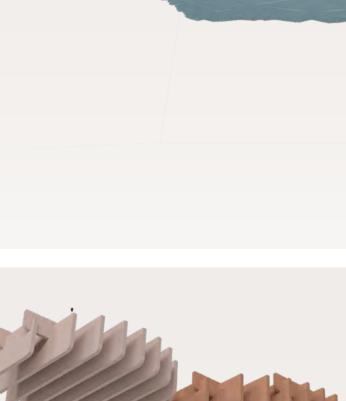


#### Wave

Conceived based on the laws of nature and a complex algorithm, this peaceful design mirrors elements to create repetitive shapes that resemble the waves of the ocean. Bring a piece of nature inside to enhance corridors or conference rooms.

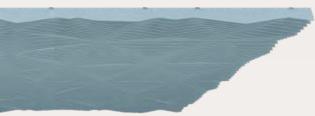
### Edge

Combining simple geometric shapes has resulted in this intricate, powerful acoustic structure that's a real eye-catcher whether placed in long passageways or as a centerpiece in boardrooms or open space offices.



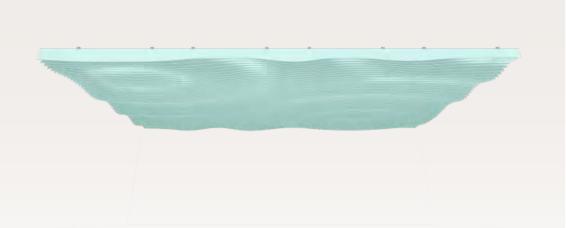
#### Peak





#### Nebula

This unique baffle system, designed by algorithms, combines two-sized elements to create a cloud-like pattern that not only excels acoustically but contributes to visually elevating any space, too.



#### Wave Morph Bespoke

This peaceful ceiling design mirrors elements to create repetitive shapes that resemble the waves of the ocean. Easily customize this acoustic structure to bring a piece of nature inside to enhance corridors or conference rooms.

#### Wave Ripple Bespoke



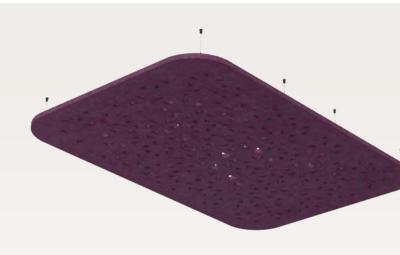
#### Edge Bespoke

Combining simple geometric shapes has resulted in this intricate, powerful acoustic structure that offers endless possibilities for customisation. Place it in long corridors or as a centerpiece in boardrooms or open spaces. No doubt, it will catch the eyes of anyone passing by.



#### Rectangle

Perfectly rounded corners, outfitted with a subtle trim, turn simple rectangular-shaped elements into beautiful ceiling canopies that can be adapted and combined in countless ways.

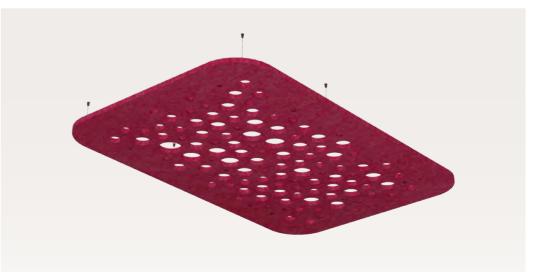


#### Square

These panels are ideal for improving room acoustics and can instantly inject new life into a low-budget project.

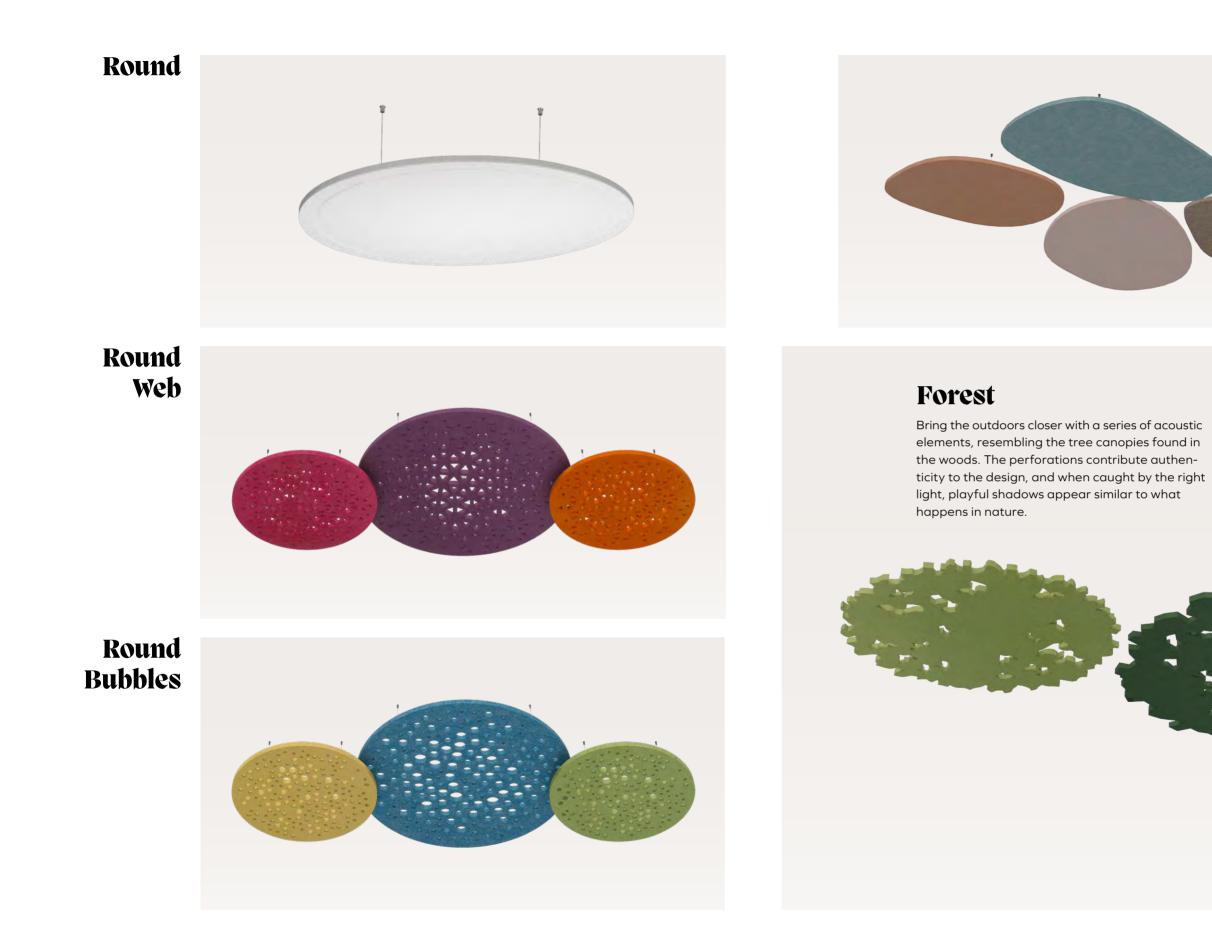


Rectangle Bubbles



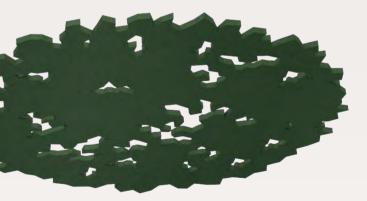


#### Rectangle Web





#### Stone



## Acoustic Lighting

Acoustic comfort and proper lighting are some of the most important aspects of a team's health and well-being. That is why we have brought together the best lighting technologies, developed with the Austrian market leaders PROLICHT, and the best acoustic products, so you can perform at your best.

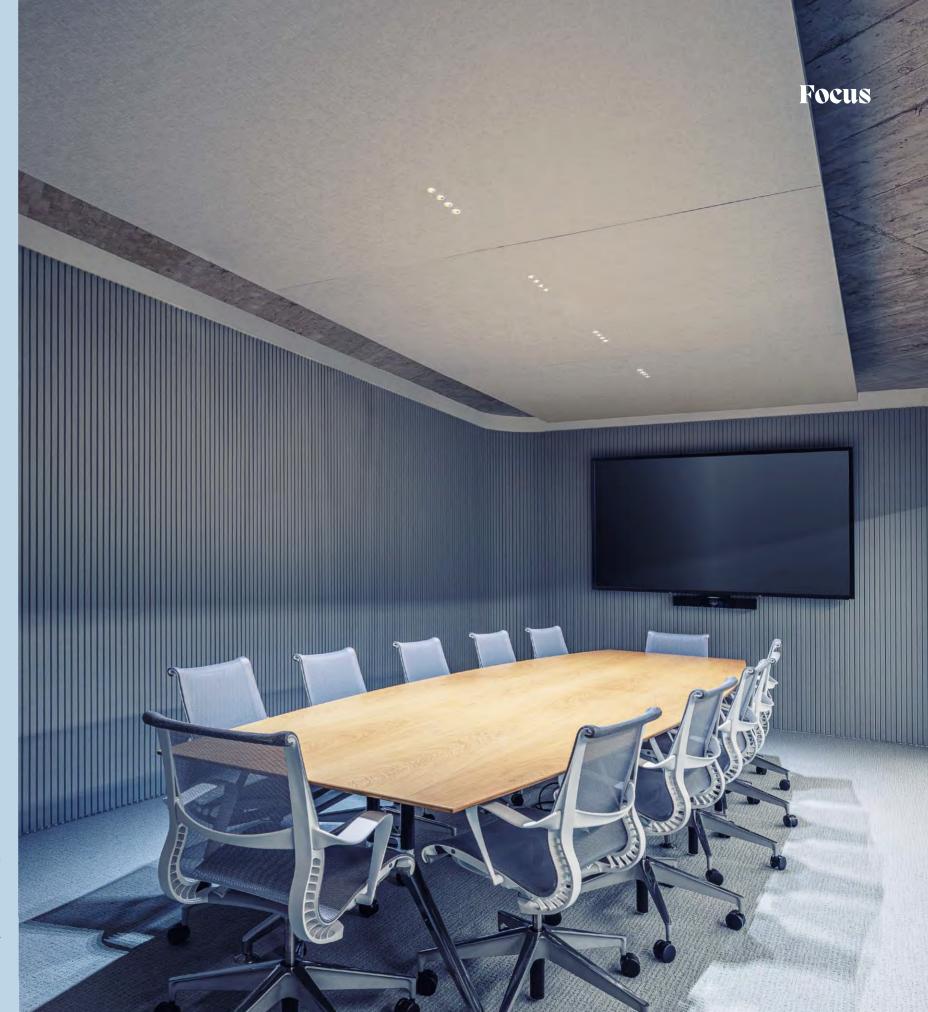
Lighting in the workplace impacts performance. It influences cognitive performance and problemsolving abilities and can also improve our mood and interpersonal relationships at work, resulting in better job satisfaction: happy employee, happy company.

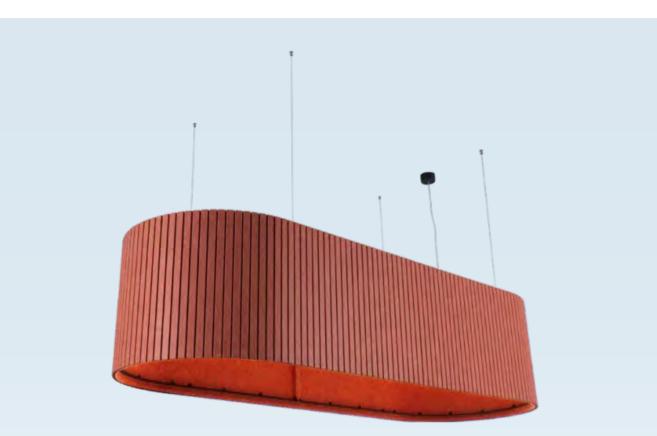
We offer the best performance of any linear workplace lighting fully integrated into our acoustic lighting panels. Our latest innovation presents a revolutionary low-glare technology to create bright ceilings without noticing the source of light. Simply beautiful!

#### Our services Acoustic Lighting Focus and Wall Coverings Vertigo

#### Project Toradex

This project is entirely driven by acoustic design and delicately balances hard surfaces and soft acoustic wall panels for an effective and cost-efficient result. The use of acoustic lighting and acoustic wall coverings give the space an elegant flair while keeping the fun and comfort.







#### Umbra

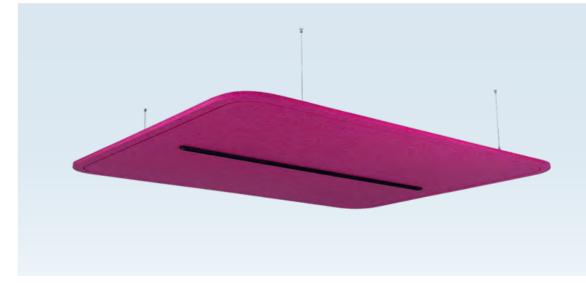
Our solution for conference rooms, long meeting tables or buffets.

#### Umbra Round

Creating an impressive atmosphere to any room, thanks to five different sizes.



Bysso

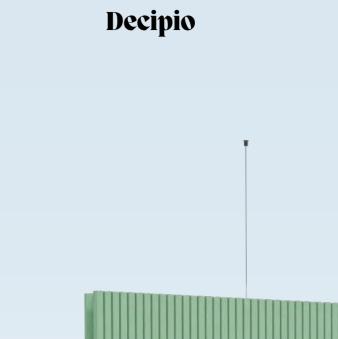


#### Ora

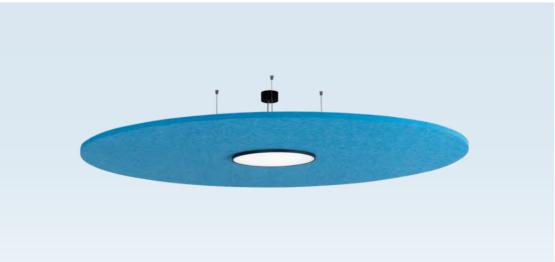
#### Spark

This collection revives the classic and timeless lampshade. Create a cosy and comfortable character in offices, hotels, bars or lounges while combining various sizes and colours together.



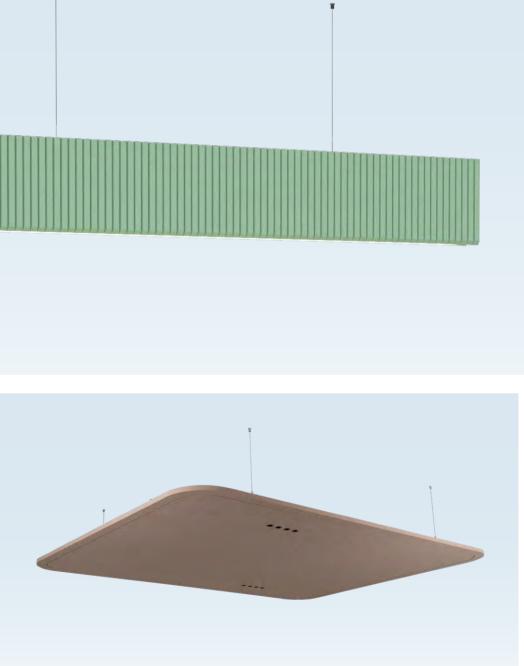


Circ



#### Focus

The well-balanced geometric shapes bring a smooth structure to every professional environment.



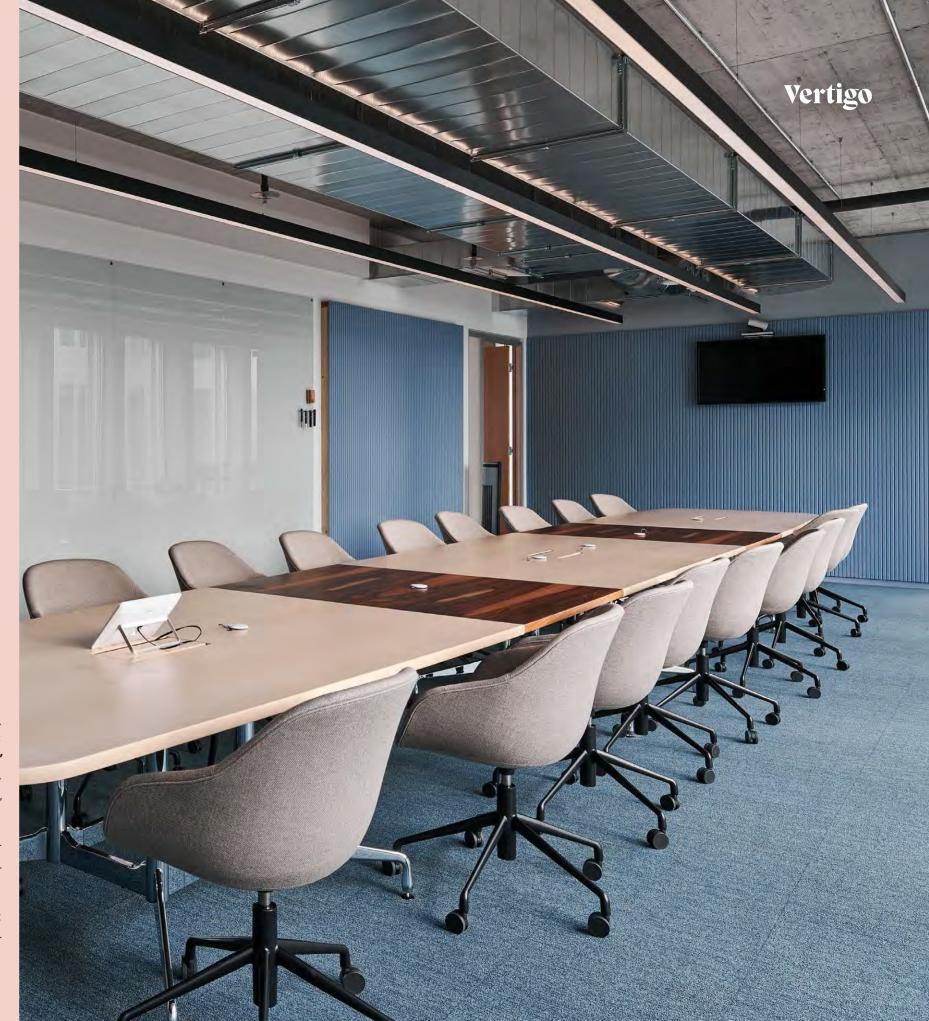
## Acoustic Wall Panels

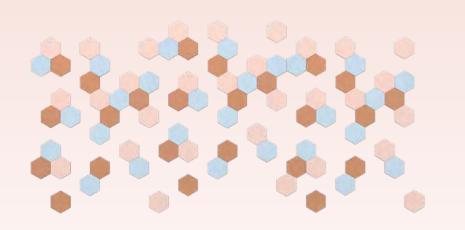
Solving acoustic challenges in small and narrow spaces can be challenging with most of the floor occupied by other furniture. In such spaces, acoustic wall panels are an effective solution. We offer an extensive range of standard and bespoke products to spark your creativity and endless imagination – in both small and big spaces.

#### Our services Acoustic Wall Coverings Vertigo

Project Novo Nordisk at The Circle, Zurich Airport

Meet Vertigo, a highly effective, flexible and cost-effective acoustic solution. The vertical v-cut lines blend effortless into existing or newly designed spaces like here. Vertigo is designed to cover surface up to the last millimeter and can even be cut on-site to perfectly fit any wall measurements.





#### Hexagon

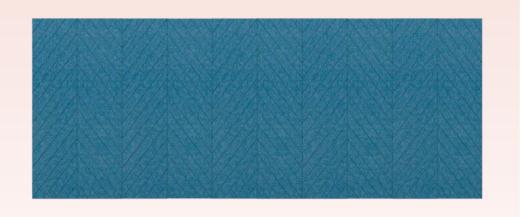
Geometrically shaped patterns withstand trends and seasons, and this hexagon silhouette is no different. The slightly chamfered edge makes combined elements appear jointless, creating an effortless look. Combine contrasting or complementary colours to fit specific moods or styles.

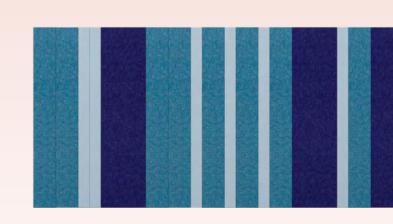
#### Fylo

A sophisticated character that combines two panels with different thicknesses to give a plain wall a dynamic and contemporary feel. Mirror the elements to go from classy to fun and vice versa to fit various spaces and moods.



#### Fishbone

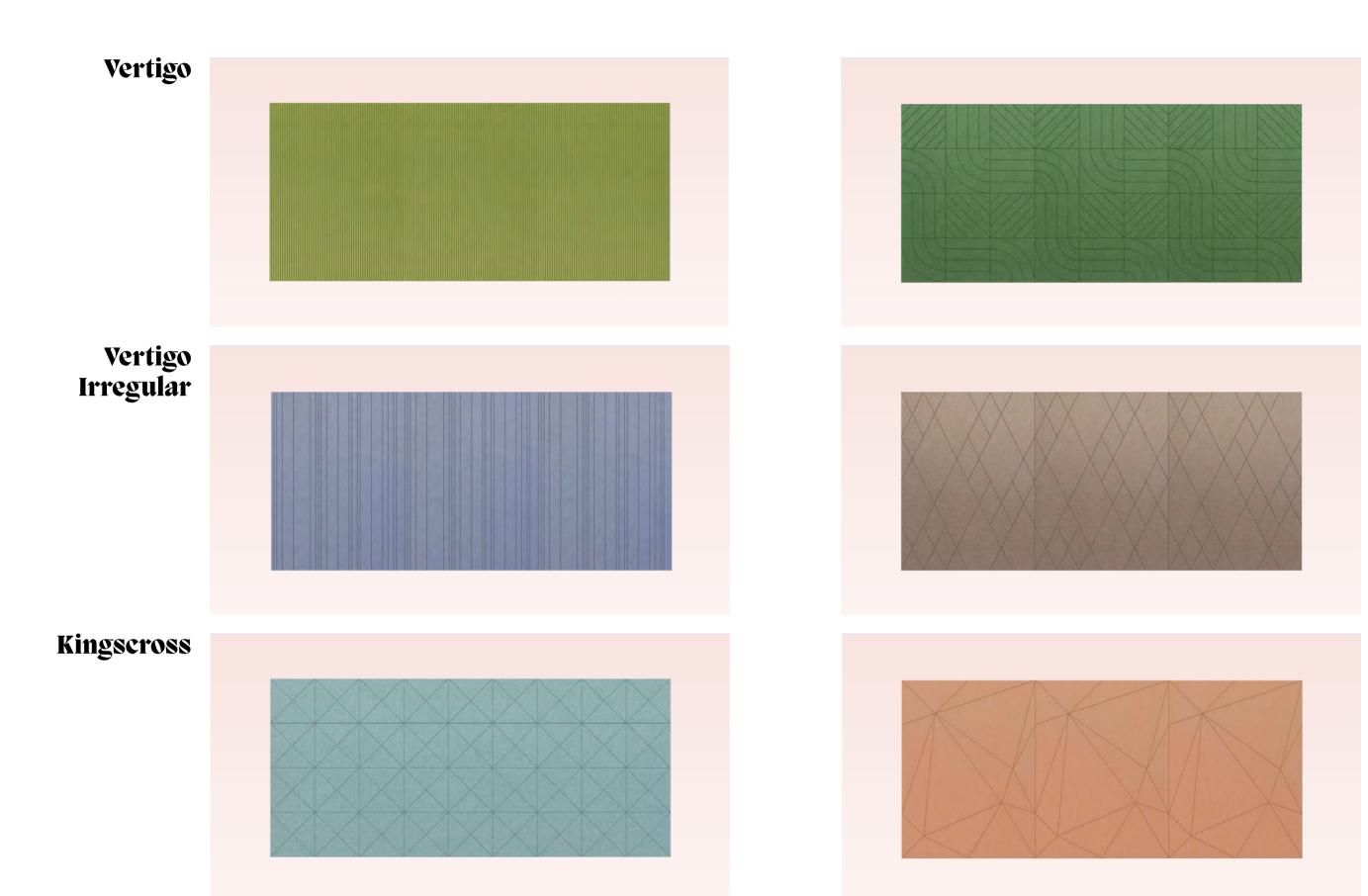






#### Tabula

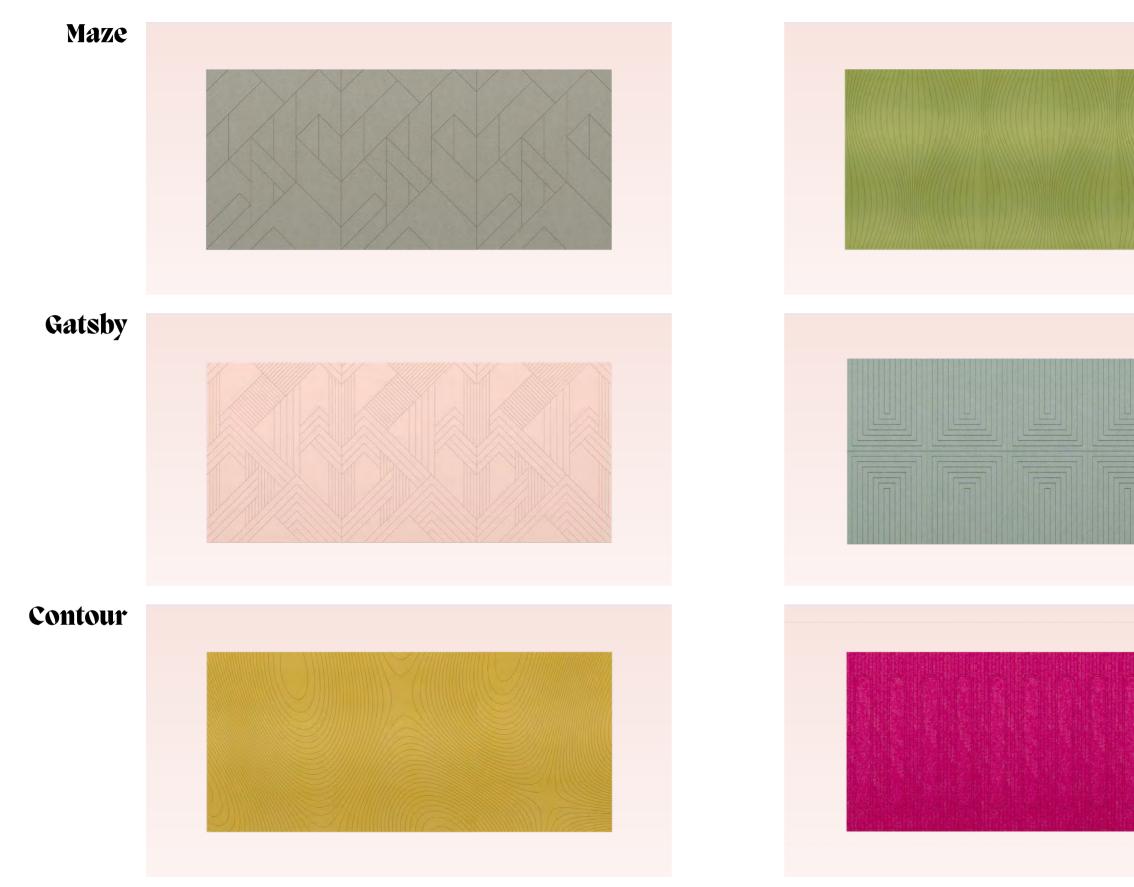
Acoustic Wall Panels 27



#### Flow

#### Prisma

#### Facet







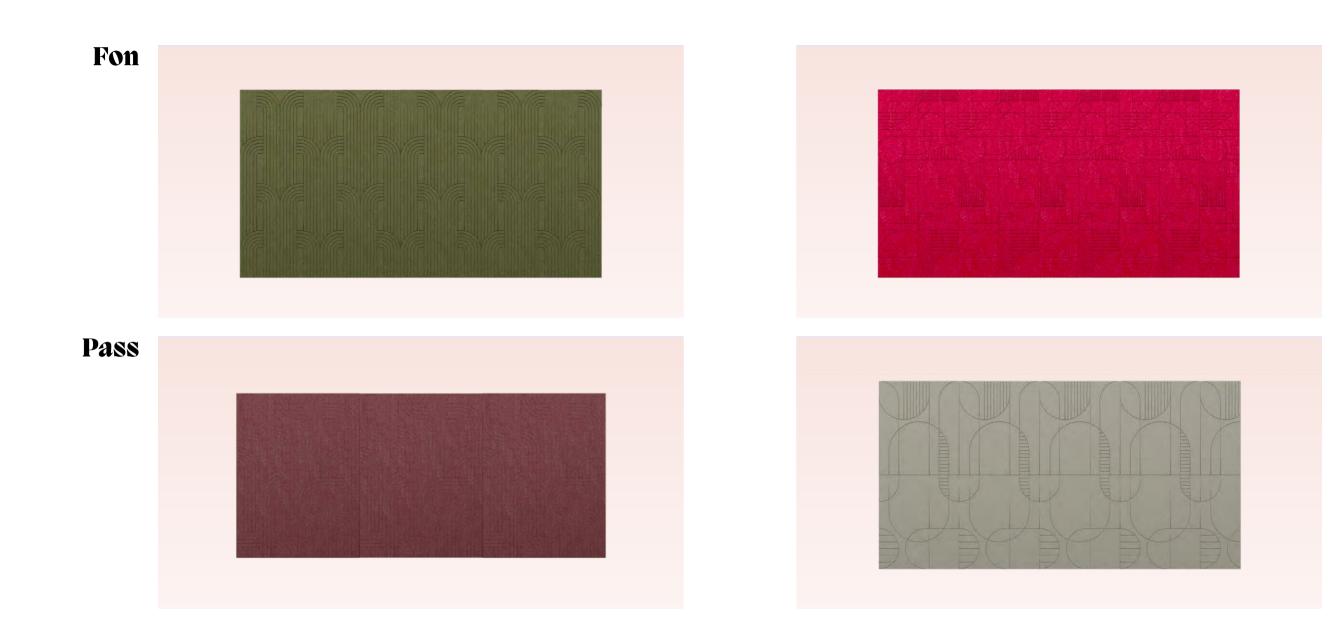












#### Bau

#### Vela

#### Fro *creative* minds

Our acoustic panels can also be used as pin boards. The soft and flexible material ensures brainstorming sessions in any meeting room and lets your creativity flow.

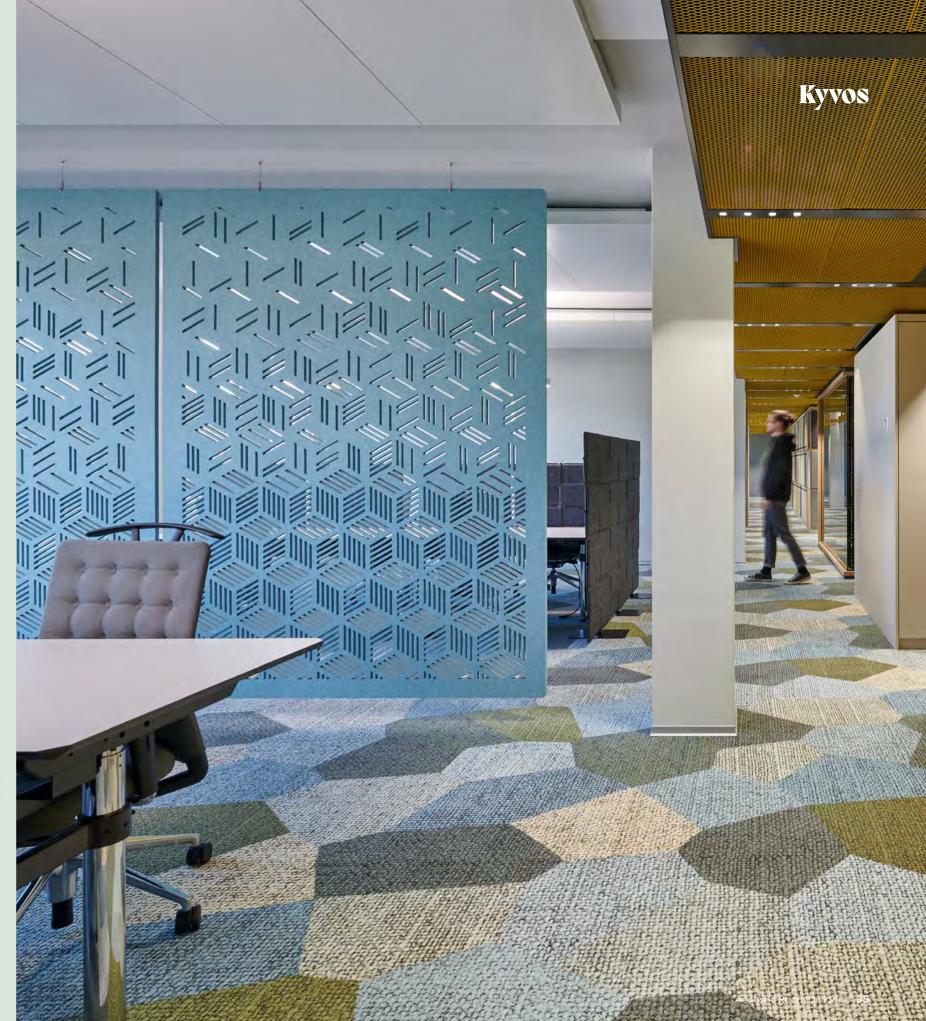
## **Acoustic** *Room Dividers*

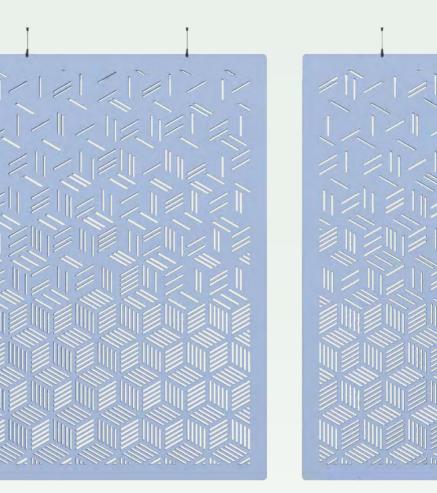
Create different areas in bigger spaces with acoustic partition walls and optimise the sound while you're at it. Pick your favourite from a wide product range. Every element can be adapted to fit your needs to become part of your design vision.

#### Our services Acoustic Room Dividers Kyvos

Project EY Lucerne

Acoustic room dividers offer worldclass versatility in office spaces, hospitality, and learning environments. Opt for a desk partition to create acoustic privacy at workstations. Create shelter between desks with hanging partitions as done here or go fully flexible with standing dividers that give you the freedom to create and recreate spaces.



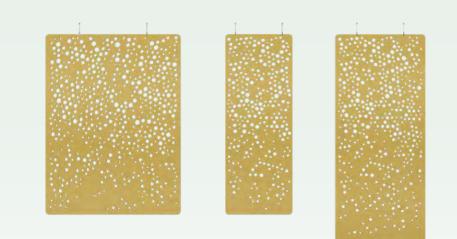


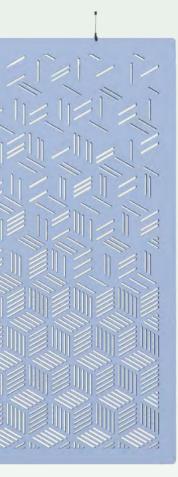
#### Kyvos

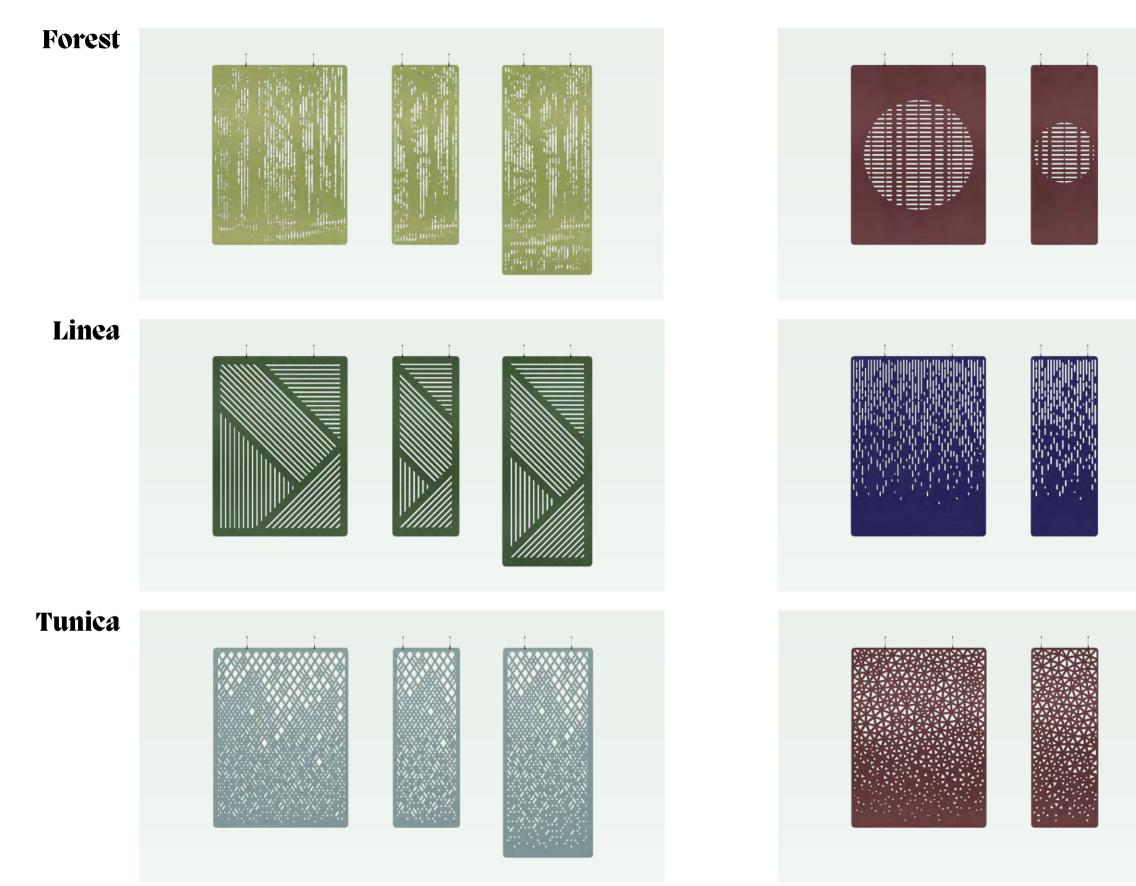
What first appears like simple irregular lines gradually turn into complex geometric silhouettes. The result is a striking and surprising design that delights the eye while providing excellent sound-absorbing features.

#### Bubbles

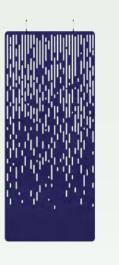
Circular-shaped bubble perforations, created by computationalaided design, beautifully spread across this sound-absorbing screen. Use it to define smaller areas in bigger spaces while optimizing visual and acoustic privacy.









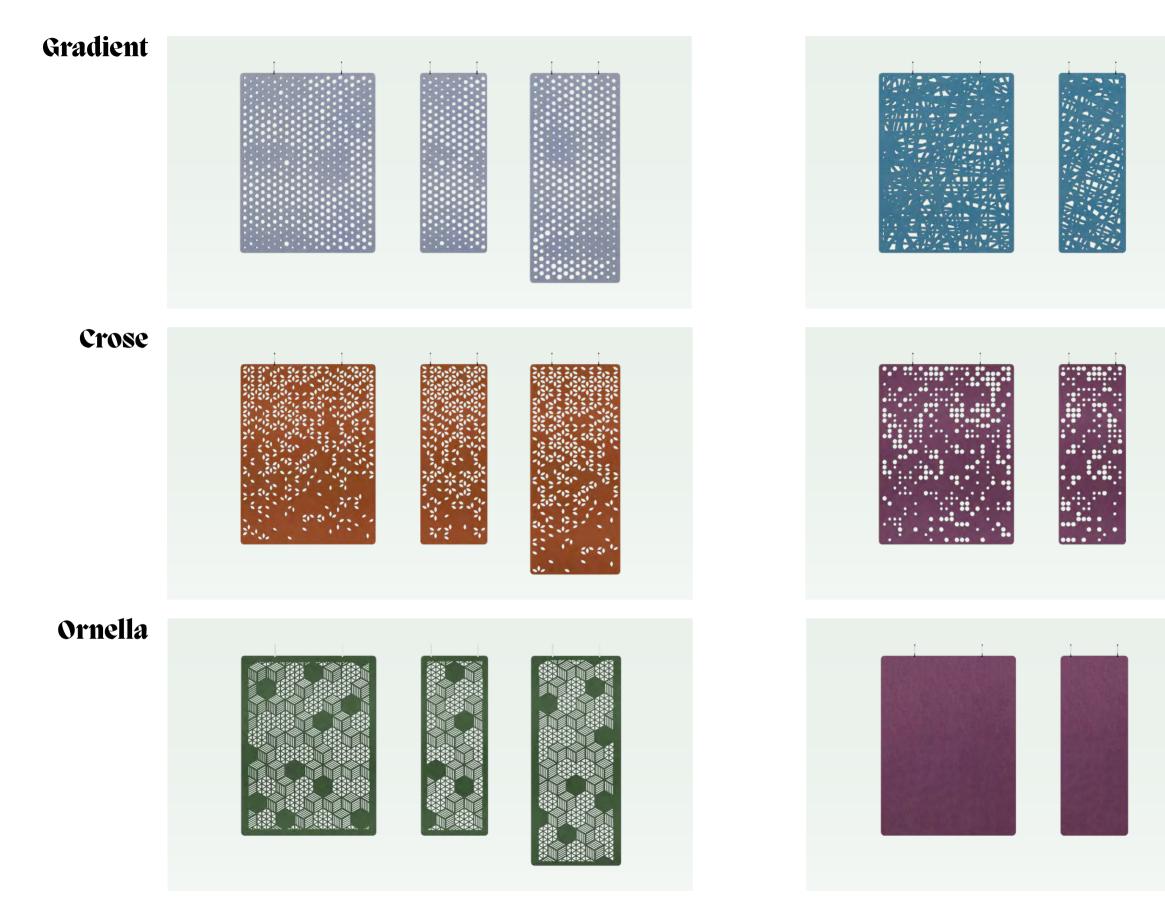




#### Illum

#### Matrix

Web









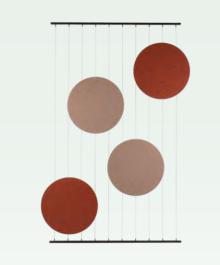
### Rays

Braille

Plain

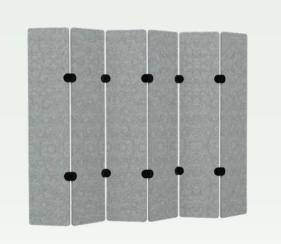
#### Helios

While dividing spaces, this acoustic partition system does not entirely block the view. Instead, it creates a sociable visual barrier with floating same-sized circular acoustic panels that can easily be attached to any existing floor and ceiling structures.



#### Asto







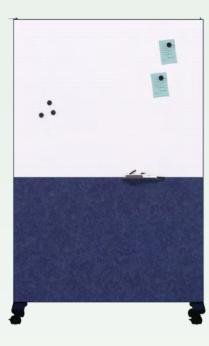
### Paling

#### **Murus Set**

The individual wall elements can be simply attached together by metal connectors and can be adjusted or according to need with ease.

#### Mobile Whiteboard Grafo

The magnetic writable enamel surface of our movable whiteboard solution allows a smooth writing experience, and the item can be hanged using whiteboard magnets.





#### Motus

Thanks to high-quality steel trolley wheels with stoppers, the pinnable acoustic panels can be used exactly where they are needed. Perfect for classrooms or meeting spaces.

















Wrap

#### Wrap Performance



#### Infra

Acoustic Room Dividers 45

## Soundproof Chatpod

Sometimes you need a razor focus or zero distractions. Take a step inside Chatpod, isolation pods for phone calls or small meetings. Chatpod is made in Switzerland of 97% post-consumer content such as recycled cardboard, PET bottles, sawdust, and rubber – all 100% recyclable.

#### Our service Chatpod 300

#### Project Swiss Health Insurer

Chatpod is the key to combining privacy, acoustic comfort and work in open spaces. The interior is soundproof while the exterior helps reduce echoes, background noise in the open office. It really works, and has been scientifically tested in cooperation with Lucerne University of Applied Sciences.





### Chatpod 185

Compact telephone booth with space for one standing person.





Concentrated work while sitting or standing thanks to height-adjustable table.









Box for targeted conversations between two people (seated).

#### Chatpod 700 Bench

Flexible all-rounder for four people (sitting).

#### Chatpod 700 High Top

Flexible all-rounder for four people (standing) thanks to a high top table.



#### Chatpod 1200 Bench

Pod with plenty of space for meetings for up to six people (sitting).





#### Unique chatpod *benefits*

**100% circular design:** Sustainability is our game and we play it tough. Our phone booths and meeting boxes are made of upcycled materials which are 100% recyclable after end of life. Our entire facility is using green energy for all process steps from heating to production – in midst of our beautiful Swiss Alps.

**100% social:** Chatpod is a great tool for companies that take corporate social responsibility seriously. We value and promote equality within our organisation. Our products are produced and assembled in Switzerland in cooperation with a workshop for disabled people.

**State-of-the-art soundproofing:** We are experts in acoustic solutions. The Chatpod interior is soundproof, while the exterior helps reduce echoes, background noise and reverberations in the open office. As a "side effect" it increases sound quality and wellbeing in your team.

#### Chatpod 1200 High Top

Pod with plenty of space for meetings for up to six people (standing).

Largest exterior colour range: The Chatpod acoustic exterior adapts to your office environ-ment with a carefully curated colour palette of 28 colours. You can choose from any colour of our ARCHISONIC<sup>®</sup> collection, which was created with an under-standing of developing and enduring colour trends and the stories behind them.

Did you know that you can also customize the frame colour? We offer a range of 30 shades to make sure the pod fits any interior. Do you want it to be a little more individual? The cuts in our acoustic cladding can also be made according to your needs.

**Plug and play:** Just plug in your Chatpod and it's ready to use with built-in power, lighting and ventilation system. For shipping we only separate the walls, top and bottom. All you need to do is to put the pre-assembled parts together, plug it in and start chatting.

## Acoustic Accessories

A selected range of accessories for your everyday office life. Experience how the flexible and versatile material, which we produce from up-cycled PET bottles, is used to create tools that make your work easier and more pleasant.



Showroom Rüegg-Naegeli AG, Zurich

#### StormBoard

#### TwoWay

The practical organiser for every desk. No open-plan office, home office or flexible workplace is complete without it. Made in cooperation with a sheltered workshop.

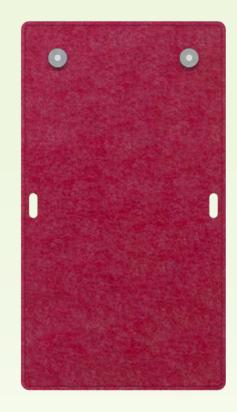


# 

## The *name* says it all

Use it in two ways: upright, it can be carried while lying down it can be used as a tray. Providing acoustic features to your desk during the day, while stored in a locker during the night.





#### Shelter

Accessories 55

## One collection Eight colour families Unlimited possibilities

This colour collection is created in partnership with Colour Hive with an understanding of developing and enduring colour trends, each with a story to tell.

## **ARCHI**SONIC®

#### A *range* of versatile neutrals and directional highlights

As individuals, our tastes and preferences are informed by a palette of influences, from the political and social climate to environmental concerns and technology advances.

We have taken these influences and translated them into a range of versatile neutrals and directional highlights. Each one plays a role in eight delicate stories designed to capture the prevailing moods in colour.

#### Psychology of *colour*

The state of your work environment can impact your experiences for better or worse, and colours especially play a critical role. Certain colours leave you uninspired, while others make you feel energetic, relaxed, or creative.

For example, yellow can boost confidence and energy in the workplace, while red stimulates and excites employees. Green and blue can create feelings of peace of mind and relaxation.

All our 28 colours and 8 colour families are matched with each other. Which one is your favourite?

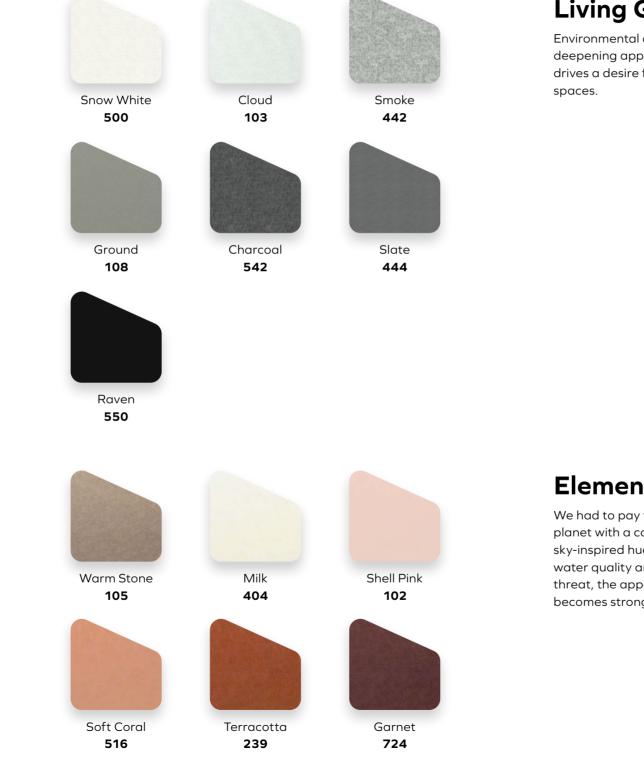




## **ARCHI**SONIC®

#### **Quiet Neutrals**

In an ever-connected increasingly urban age, we are all at times in search of a moment of silence. With this in mind, we look to the quieter elements of nature as inspiration for a series of calming and balanced neutrals.



#### **Living Greens**

Environmental awareness and a deepening appreciation of biophilia drives a desire for ever more green



#### Warm Naturals

While there is much to be hopeful about, we find ourselves living in a time of uncertainty. To counter these feelings of anxiety, we are drawn to environments that reassure and hold us in a virtual hug.

#### **Elemental Blues**

We had to pay tribute to our blue planet with a collection of sea- and sky-inspired hues. As our air and water quality are increasingly under threat, the appeal of nature's blues becomes stronger.





Spearmint 706



712



Moss 439

Nordic Pine 311





Ice Blue 304

Pacific Ocean 432



Winter Sky 410



Midnight 810



Marine Blue 864

## **ARCHI**SONIC®

#### **Soothing Pastels**

This directional colour collection is curated from our core palettes of Elemental Blues, Living Greens and Warm Naturals. Combined with shades from the Quiet Neutrals collection and natural materials, these colours take on a timeless quality.



#### **Energetic Brights**

Here to make an impact, our boldest, clearest hues are collected in a story of optimism and energy. As a counterbalance to enduring trends for tone-on-tone layers of colours, there is also the welcome return of clear and saturated brights.







While colour can create a mood, it is the depth or lightness of a hue that truly defines the emotion.







Raven 550



Midnight 810



**Primary Play** 

The Bauhaus centenary has reawakened designers' interest in primary colours and the fundamental building blocks of colour are here in this nuanced red, blue and yellow.



Poster Red 662

Snow White 500





Charcoal 542



Marine Blue 864



846

## **ARCHI**SONIC<sub>®</sub>

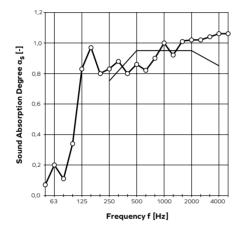
#### **Technical data**

Dimensions	1800 × 2400 × 24mm (70" × 94" × 0.94") 1200 × 2800 × 12mm (47" × 10" × 0.47")	Sound absorption
Composition	100 % PET (min. 60 % post-consumer)	
Density	24 mm: 4000 g/m² 12 mm: 2400 g/m²	
Fire test		
DIN EN 13501-1	B-s1, d0	
ASTME84	Class A	
VOC Emission		
CDPH 01350	Pass	
ISO 16000	(CDPH/EHLB/Standard	
EN 16516	Method V1.2.)	
Colour Fastness		
EN ISO 105-B02, A1	Grade 6	

24 mm: 88 plastic bottles/m<sup>2</sup> Material reutilisation 12 mm: 53 plastic bottles/m<sup>2</sup> absorption

Environmental

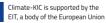
24 mm: aw 0.55 (no airgap) aw 0.65 (50 mm / 2" air gap) aw 0.90 (100 mm/4" air gap)aw 0.95 (200 mm/8" air gap) 12 mm: aw 0.30 (no air gap)



Cradle to Cradle Certified™ Product qualifies for LEED v4 specifications on VOC emissions in LEED EQ credit «Low-emitting products»







Photographer Heinz Dahinden



## A testimonial to the versatility of the **ARCHISONIC®** material

62 Technical Data



#### Products **Bespoke Ceiling Baffles,** Wall Panels Vertigo Irregular, **Bespoke Lampshades**

Location Lichtteam, Rothenburg, Switzerland

The showroom of Swiss lighting retailer, Lichtteam, is a testament to the versatility of the ARCHISONIC® material. Here, a variety of solutions have been combined, from ceiling and wall cladding to individually-designed lampshades, to create a unique interior that includes an in-house home theatre, too.





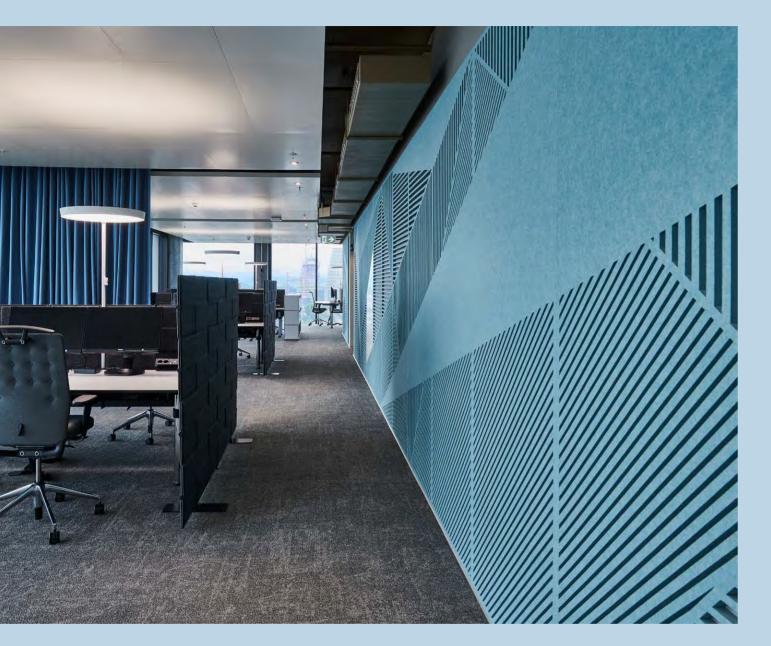
Photographer Zeljko Gataric Architect Unispace

> Acoustically wellbalanced spaces to please the ears and mind

Products Bespoke Ceiling Baffles

Location Novo Nordisk, The Circle at Zurich Airport, Switzerland

With a magnificent view of the airfield at Zurich Airport, Novo Nordisk teams can enjoy a front-row seat to the air traffic during work. In addition to satisfying the eyes, the new office buildings at The Circle also provide employees with acoustically well-balanced spaces to please the ears and mind. Throughout the space, from recreation rooms to cafeterias and individual workstations, a mix of graphically cut square and round acoustic panels suspend from the ceiling to reduce excess noise in the open-plan office. These cut-outs were achieved through a custom design to ensure air permeability – one of the requirements for installations in this new building.



Clear design vision and ensure consistency

Photographer Zeljko Gataric Architect Büronauten AG, Zurich

#### Product **Bespoke Wall Elements Linea**

Location EY Basel, Basel, Switzerland

To safeguard a clear design vision and ensure consistency throughout EY's 200-workstation office space in Basel, we were tasked to deliver the whole acoustic product range from room dividers to bespoke wall elements, all in the same style.

Photographer Martina Meier



### A fusion of classical and futuristic design

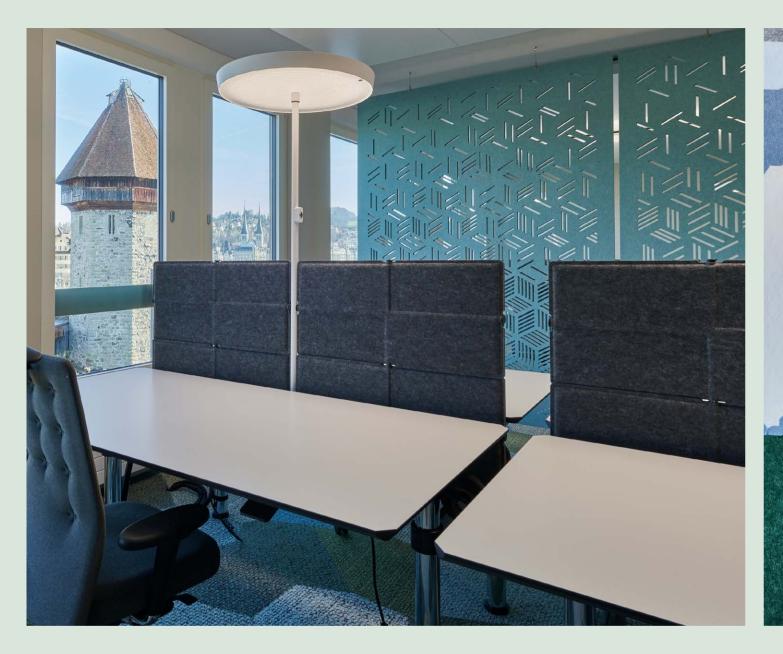
#### Product

Location

#### **Bespoke Ceiling Baffles Wave Sine**

#### Beyer Chronometrie, Zurich, Switzerland

In one of the most expensive streets in the world resides the Swiss luxury watch store Beyer Chronometrie. Inside the exclusive shop awaits clients a fusion of classical and futuristic design. Nothing is left to chance, including the acoustic comfort of staff and customers. Following a parametric design approach, sophisticated ceiling baffles were conceived to maximise acoustic performance, creating a pleasant atmosphere for anyone taking a step inside the remarkable boutique.



A perfect balance of visual privacy and connection with the surrounding environment



Bespoke Acoustic Wall Mural, Acoustic Room Dividers Linea

Location EY Lucerne, Lucerne, Switzerland

As employees and visitors alike arrive at EY in Lucerne, they are welcomed by a beautiful mural picturing Mount Pilatus, the iconic mountain towering the city of Lucerne. This mural is like no other. It's a piece of art with acoustic features, created from dozens of small pieces of ARCHISONIC<sup>®</sup>. Commonly, details like these are extremely hard to create, but thanks to our high-precision cutting techniques, it is possible. Apart from the stunning mural, room dividers add additional acoustic treatment while perfectly balancing the need for visual privacy and connection with the surrounding environment.



Photographer Zeljko Gataric

Architect Büronauten AG







### A place that will not only tease your tastebuds but *delight* all your senses

Products **Bespoke Ceiling Baffles** 

Location Fuji Yama Restaurant, Nuremberg, Germany

Voted Germany's most beautiful restaurant in 2021, the Japanese-inspired Fuji Yama is a place that will not only tease your tastebuds but delight all your senses. The captivating interior is created entirely based on a parametric design approach, effortlessly combining wooden elements with our high-performance acoustic material made from recycled PET bottles.

Photographer Simeon Johnke

Architect Bermüller+Niemeyer Architekturwerkstatt







## *Corporate visual identity* extended to the interior

#### Products Bespoke Ceiling Baffles

Location
NetCologne IT, Cologne, Germany

With a bold and bright colour palette, the office space of NetCologne IT illustrates how any corporate visual identity can be extended to the interior. Red and blue hues of the bespoke ceiling baffles make the breakout area pop, while quiet neutrals blend into the office space elsewhere. Photographer Andreas Rudolph Architect if5 design



## Wall panels come together to form a bold and surprising

color palette

Photographer Adrian Jäck

Architect Praxisarchitekten AG



#### Products **Acoustic Wall Panels Vertigo**

Location Medbase Winterthur, Winterthur, Switzerland

Inside the offices of Medbase, a chain of medical centres active throughout Switzerland, energetic bright and elegant dark wall panels come together to form a bold and surprising color palette. This project perfectly shows how the ARCHISONIC® hues are compatible across the eight colour families, creating unlimited possibilities for your next project.

### Visual and acoustic *privacy* in an instant

Products

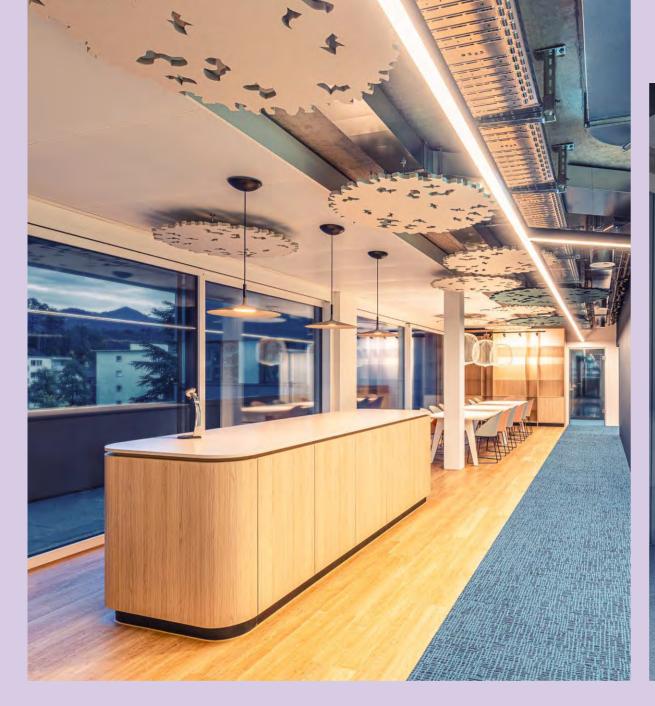
Desk partitions are excellent for almost any space with their subtle yet powerful qualities: visual and acoustic privacy in an instant. With ease, they meld together with the surrounding interior and combine well with other furnishings and acoustic solutions. And better yet, the partitions are simple to install, thanks to the accompanying adapter, while the lightweight design makes a perfect add-on to the increasingly popular height-adjustable desks whose motors should carry as little weight as possible.

Photographer Batt & Huber

Architect Gehri AG

### Acoustic Desk Division Supra

#### Location Raiffeisen Bank Aarberg, Aarberg, Switzerland





### A place that will not only tease your tastebuds but *delight* all your senses

Products

Acoustic Wall Panels Vertigo, Bespoke Ceiling Baffles, **Acoustic Lighting Focus and Ceiling Panels Forest** 

Location

Toradex, Horw, Switzerland

Toradex is an inspiring project entirely driven by acoustic design and delicately balances hard surfaces and soft acoustic wall panels for an effective and cost-efficient result. The use of acoustic lighting and acoustic wall coverings give the space an elegant flair while keeping it fun without compromising comfort. This bright and beautiful backdrop is proof that function and design do pair.



Photographer Severin Ettlin