



| Portfolio

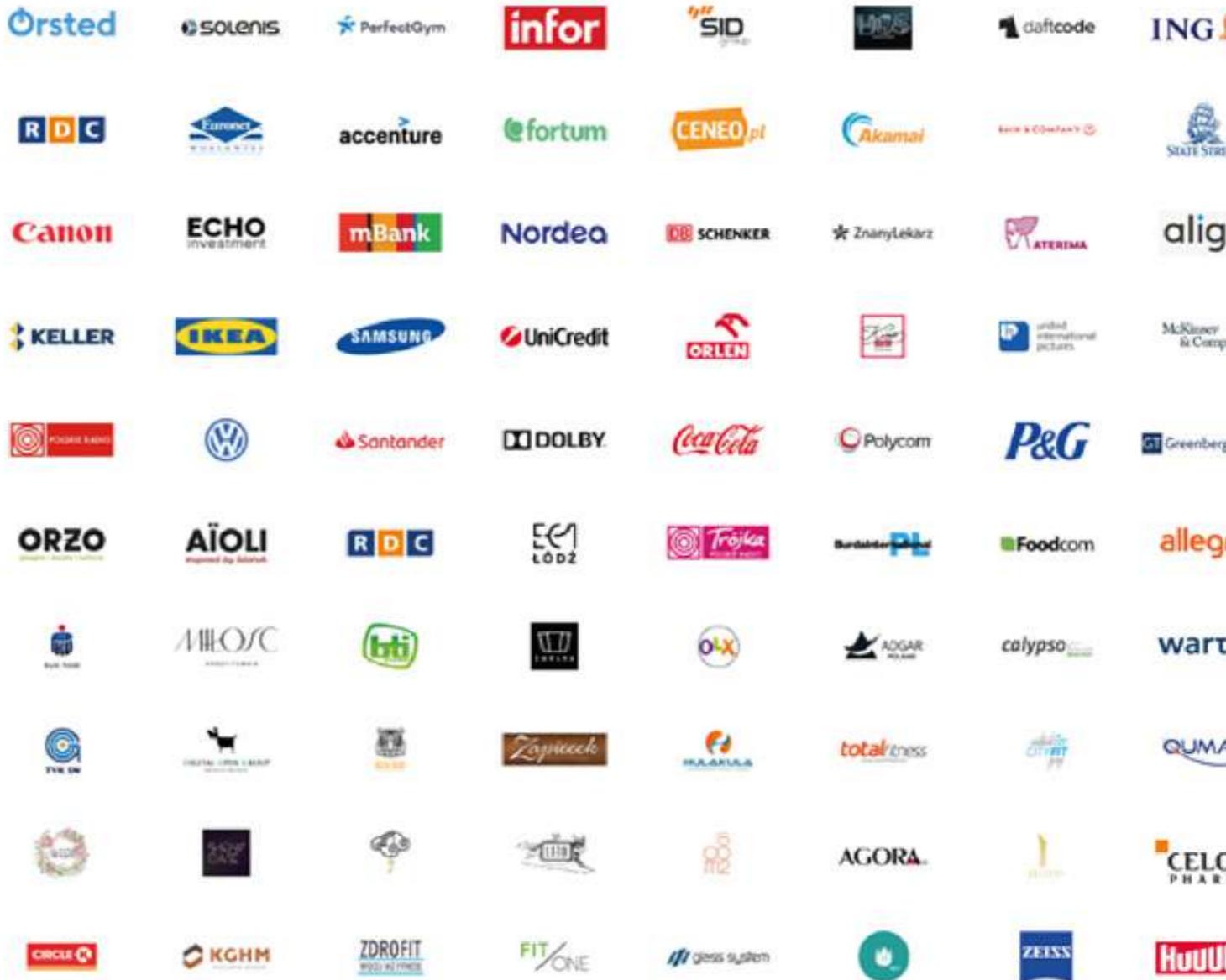
Portfolio

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ABOUT US

11 years of experience in acoustics.

Nyquista Acoustic Design is a team of people with a passion for acoustics and modern design. As a leading producer of acoustic materials in Poland, we design, measure, manufacture and distribute acoustic panels and mats. In our 8 years of activity, we have developed over 500 products associated with acoustic insulation and adaptation and we have completed over 1000 acoustic projects.

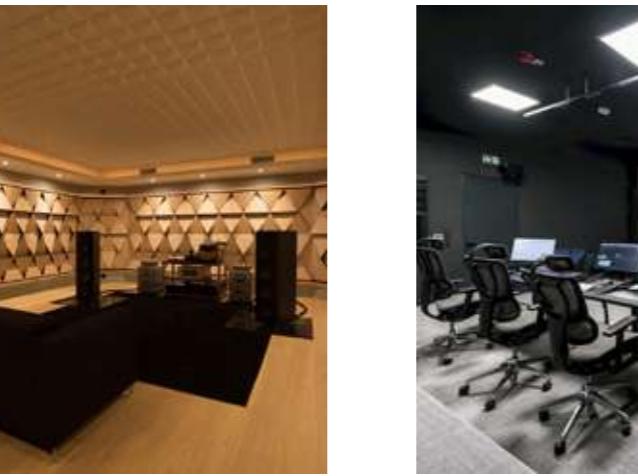


■ What we do



Office

- Acoustic panels
- Phonebooths
- Acoustic desktop screens
- Acoustic furniture



Hi-Fi & Cinema

- Home cinemas
- Commercial cinemas
- Listening rooms
- AV equipment



Music & Design

- Recording studios
- Clubs and restaurants
- Sound systems
- Interior design



Consulting

- Design
- Acoustic measurements
- Simulations
- Training
- Product development



Insulation

- Walls and ceilings
- Floating floors
- Vibroinsulation
- Ventilation



Golf

- Golf simulators
- Equipment
- Events
- Training

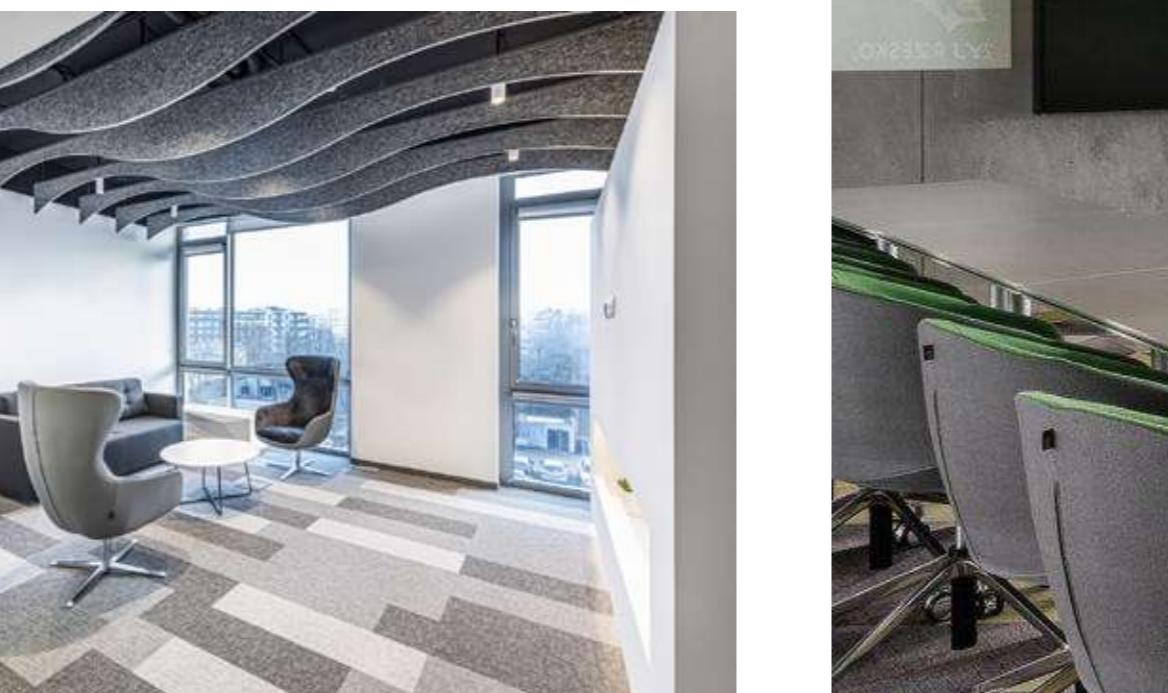
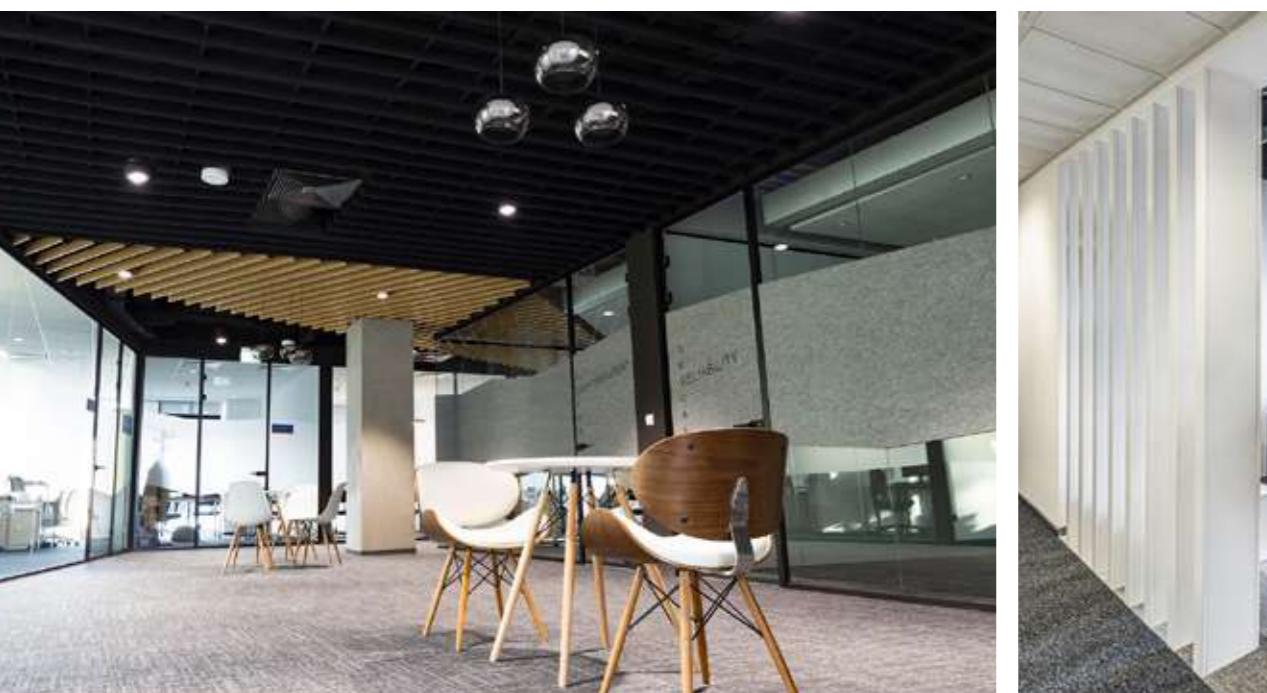
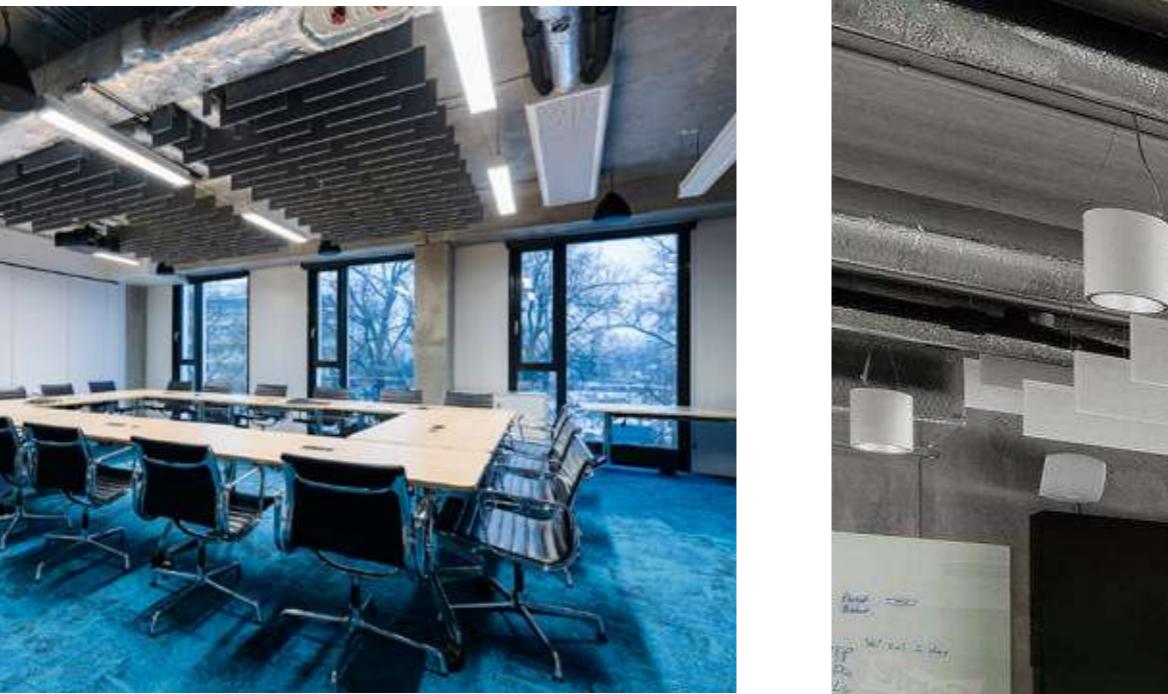
■ EcoLine

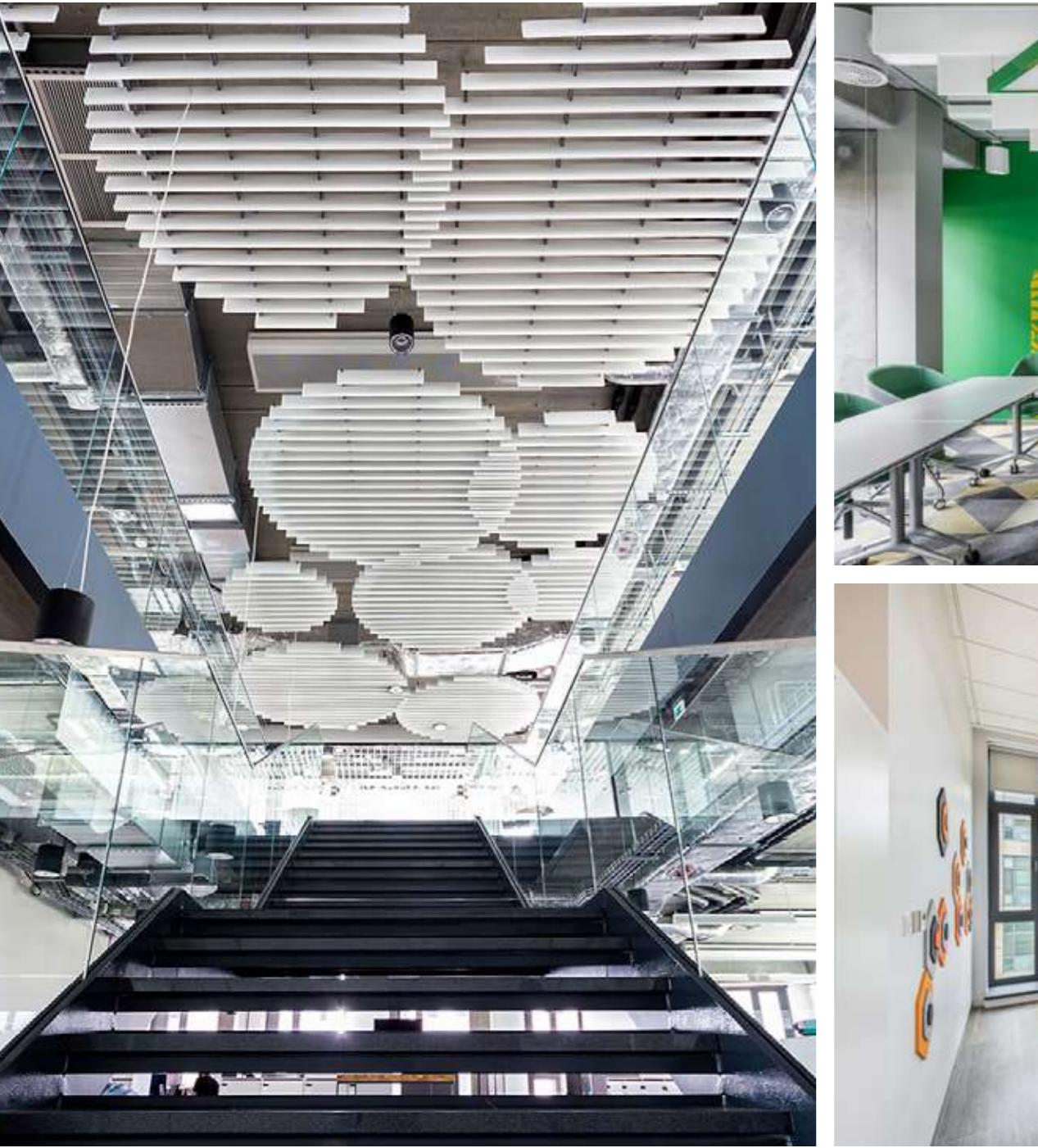


EcoBaffle

When traditional suspended ceilings cannot be used or when we need a more acoustically effective solution, EcoBaffle ceiling acoustic tiles are ideal. With EcoBaffle, we have managed to combine the best features of baffle panels and ceiling islands. The vertical, parallel arrangement of the panels, the larger surface area and different reflection angles increase the sound absorption coefficient. The original shape of the islands gives the interior a feeling of lightness and dynamism. The space is visually enlarged by the slender shape of the panels and the openwork structure. An additional advantage is better penetration and diffusion of light, which guarantees the optimal use of natural lighting.











EcoCeiling

The ceiling is often the only open area where acoustic panels can be used without significantly affecting the interior architecture or functional design of the room. It is also one of the easiest and most effective acoustic adjustments in office spaces. The suspended EcoCeiling consists of a substructure, namely a steel grid and special cassettes. They are made of ecological PET material, which has the highest class A sound absorption coefficient.

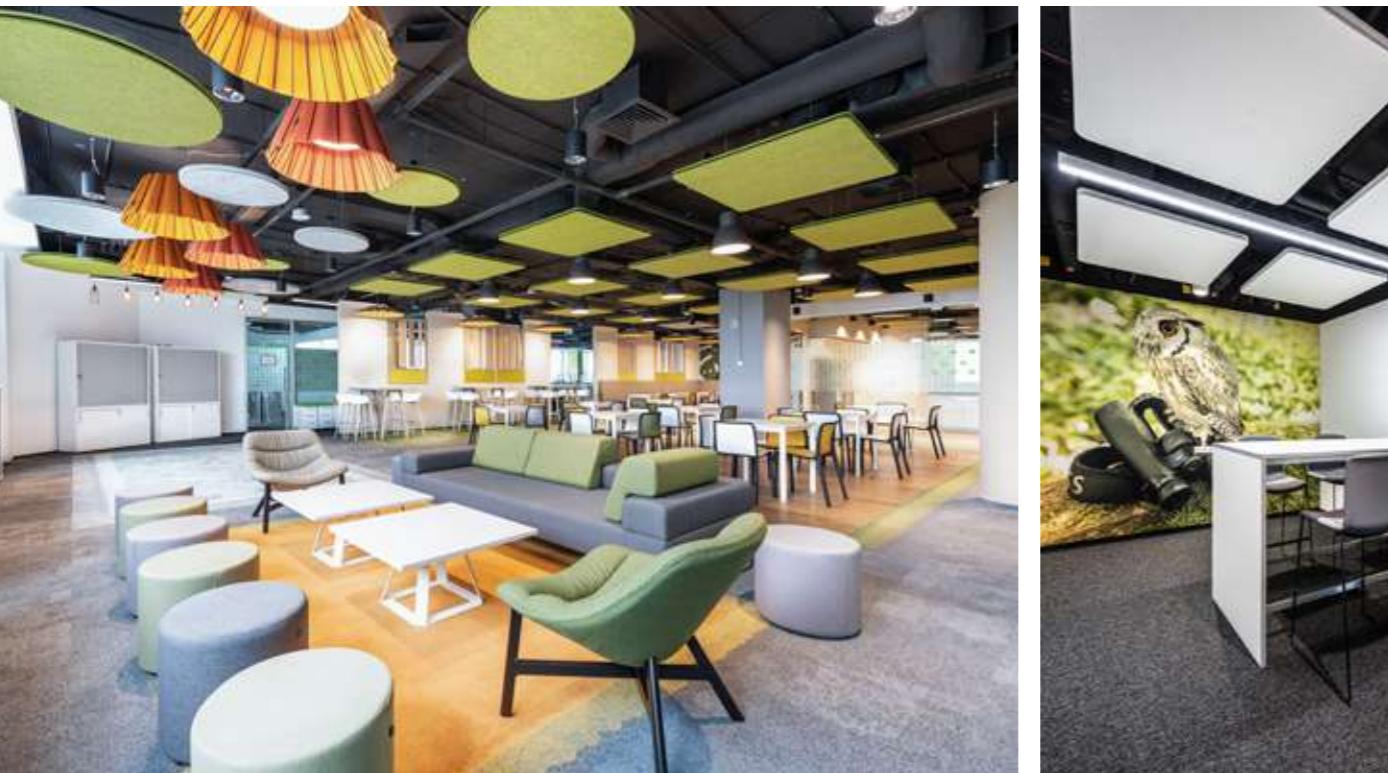


EcoDivider

EcoDivider are mobile partitions used to freely divide off ice space. They are designed to reduce noise and reverberation and separate individual zones. With the screens you can separate individual workstations, groups of positions, the employee section from the communication path or create a special relaxation zone or conversation zone.







EcoCloud

EcoCloud are acoustic ceiling islands made of the innovative material PET. They consist of a special three-layer structure with an air cavity, which gives them a very high sound absorption coefficient, effective from 120 Hz. The high efficiency at low frequencies ensures absorption of the entire sound range of human speech, which contributes to improved speech intelligibility and a significant reduction in reverberation.



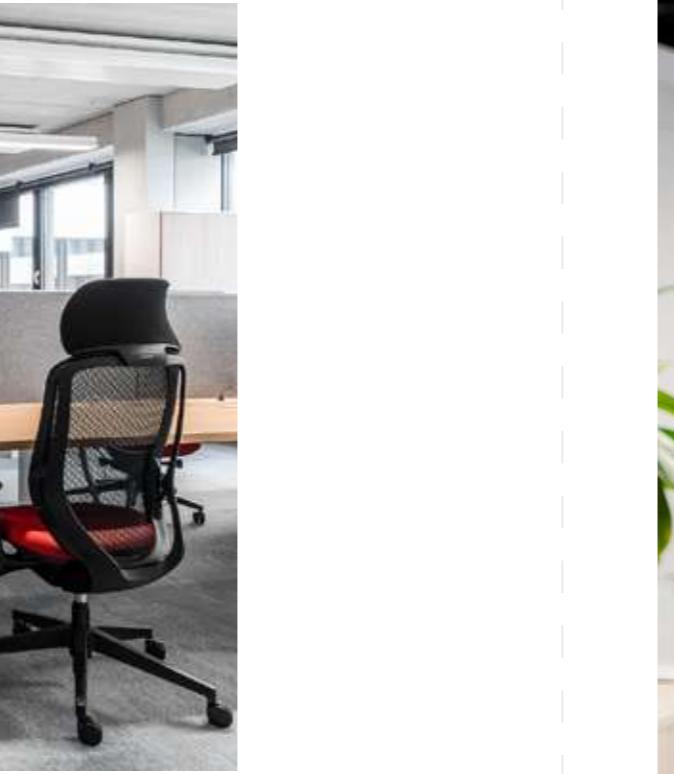
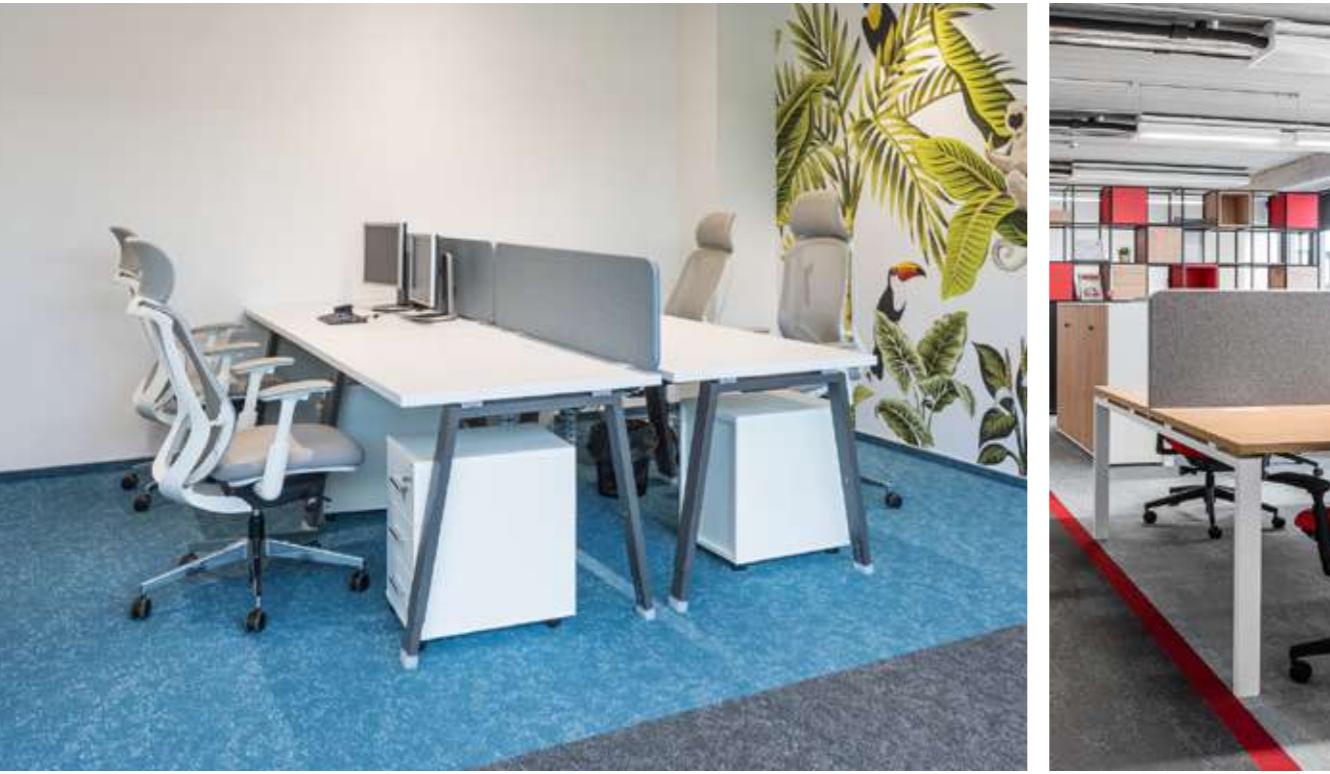




EcoGrid

EcoGrid is an acoustic grid ceiling made of an innovative PET material with a high sound absorption coefficient. The openwork structure and the vertical arrangement of the elements allow the sound to be absorbed over the entire surface of the panel, both in the case of a direct sound wave and that reflected by the ceiling. The crosswise arrangement of the lamellas provides sound dispersion, which further improves the acoustic conditions and reduces reverberation noise.

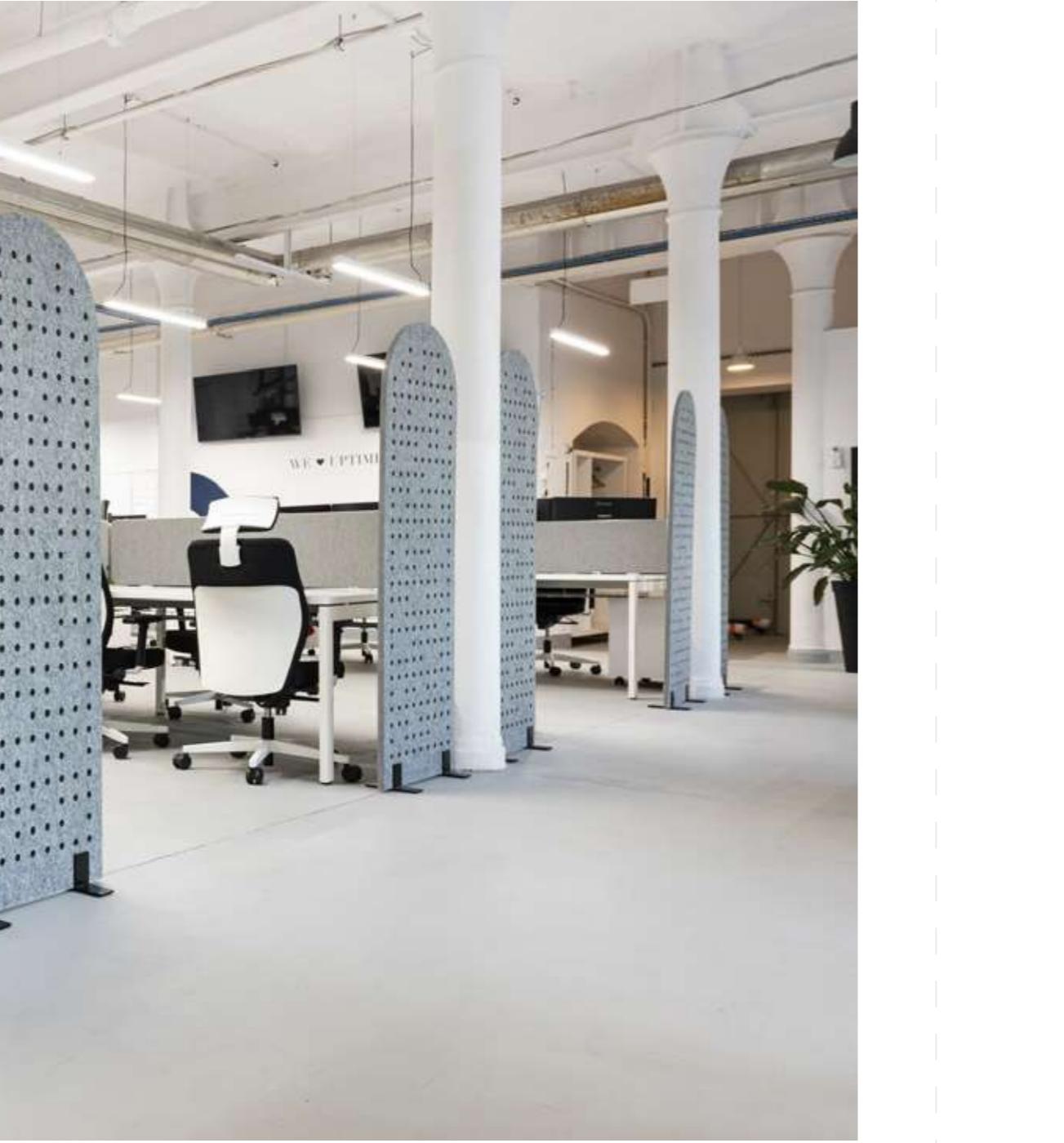




EcoScreen Desk

Partitions are essential elements of a type of open space or call center. In order for them to perform their function properly, they must be of the right size, structure and fit tightly against the desks, and most importantly, have an adequate insulation and absorption coefficient. NyquiScreen Desk is a partition desk designed with acoustic considerations to create comfort in open-plan offices. The texture of the material resembles natural felt or wool, giving the interior a warm and cozy atmosphere. The walls have a minimalist look that is versatile and timeless. Rounded edges give them additional lightness and elegance. In addition to its acoustic and decorative properties, it can also serve as a bulletin board for photos, drawings and notes with pins.





EcoScreen Floor

EcoScreen Floor are mobile partitions that allow you to freely divide the office space. They allow you to separate individual workstations or groups of workstations, separate the employee area from the communication path, or create a special relaxation zone or conversation zone. EcoScreen walls can be connected to each other in any way with special connectors, so you can change the office layout at any time.

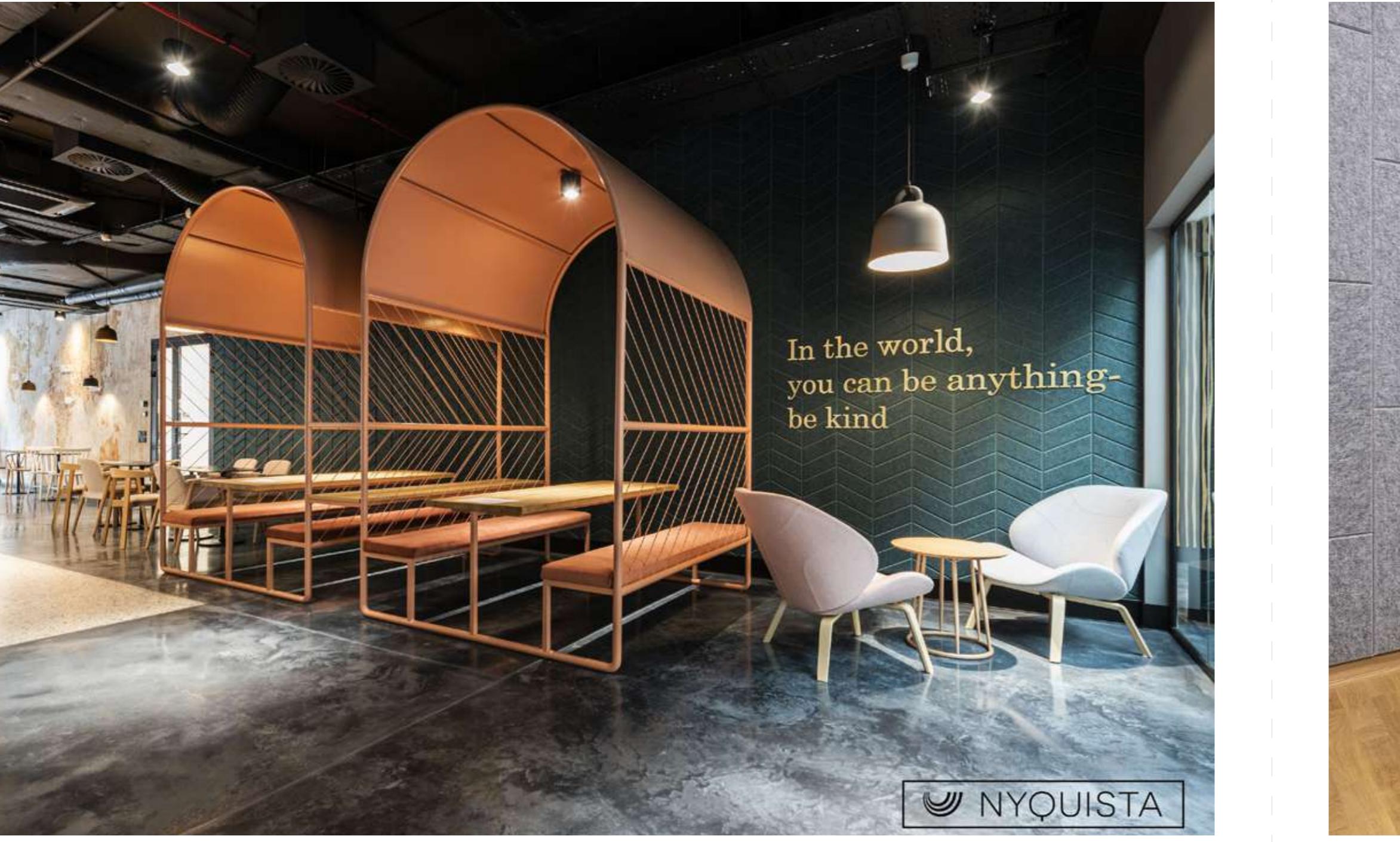
■ EcoLine



EcoTiles

EcoTiles wall panels are similar in shape to ceramic tiles, but are much lighter, easier to install and have a high sound absorption coefficient. They effectively reduce reverberation and significantly improve speech intelligibility and sound clarity. They are perfect for places where the visual impression is of great importance, such as prestigious office corridors, conference rooms or meeting rooms. The panels arranged in a regular pattern give the interior a feeling of coziness and modernity. By using 7 standard shapes, we can create interesting wall compositions. EcoTiles, together with the series WoodenBricks form a harmonious duo.





NYQUISTA





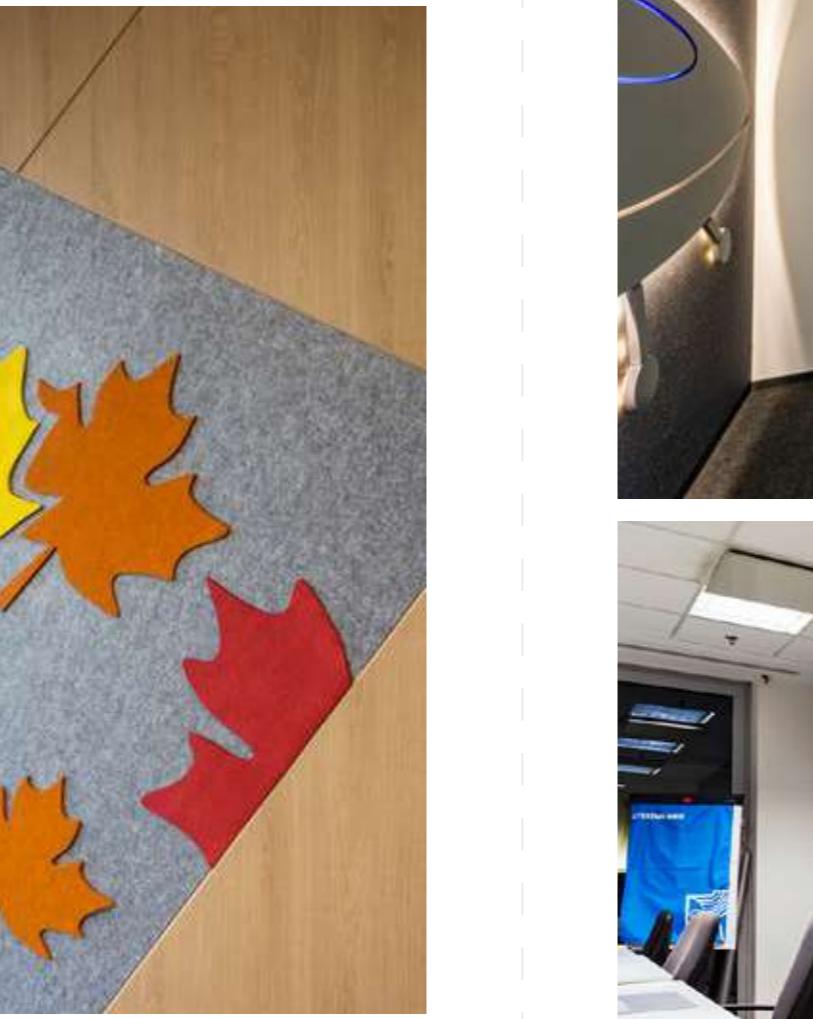
■ EcoLine



EcoWall

EcoWall Baffle is a special wall panel prepared by our architects in collaboration with acousticians, thanks to which the optimal possibilities of the EcoBoard material have been combined with a high sound absorption coefficient and a unique design. The base of the board is made of 15 mm thick compressed polyester wool. Vertical baffles of equal width, equal spacing but different heights (from 3 to 15 cm) are attached to it. The pattern is chosen to give the impression of a moving wave. This creates an extremely generous and organic shape. The slim baffles visually enlarge the space and give it a dynamic character.

■ EcoLine



■ EcoLine



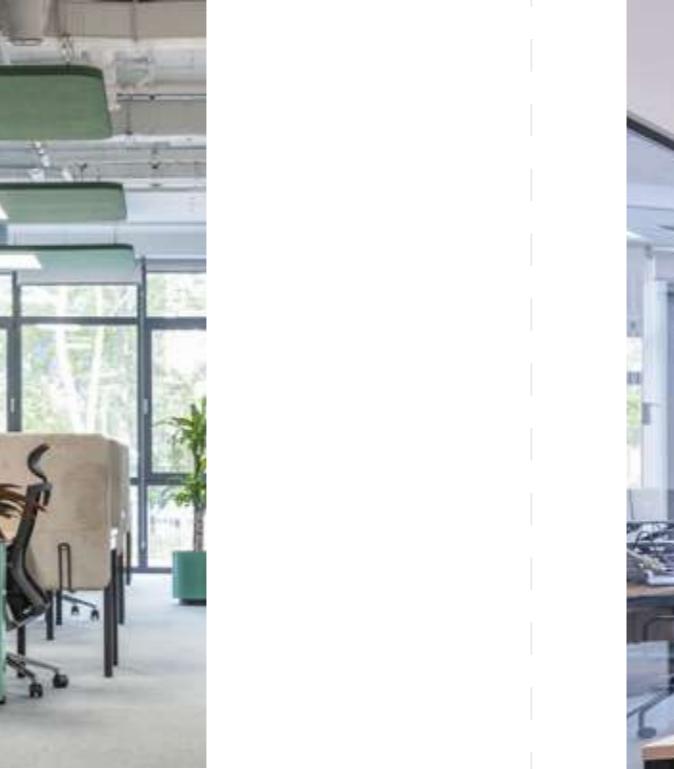
EcoWall Print



NYQUISTA



■ Lighting



EcoCloud Light

EcoCloud Light are acoustic ceiling islands with integrated lighting. Thanks to a special three-layer construction with air cavity, they have a very high sound absorption coefficient, which is already effective from 120 Hz. High efficiency at low frequencies, provides absorption in the entire range of human speech, which helps to improve speech intelligibility and significantly reduce reverberation.





EcoLamp Cap

EcoLamp is a decorative lighting fixture that doubles as an acoustic ceiling island. The lamp covers are made of ecological EcoBoard material, which features a high class A sound absorption coefficient. Densely compressed polyester fibers are an excellent alternative to mineral wool panels. The sound absorption of one lamp is equivalent to that of three conventional 60x60 cm ceiling islands. In this way, a much shorter reverberation time and greater working comfort are achieved, while at the same time saving space. EcoLamp offers optimum light intensity in a range of 2,900 - 5,700 lm. Depending on the version selected, the lamp can be used as main or supplementary lighting. The diffusing light shade gives the interior a warm and cozy atmosphere.



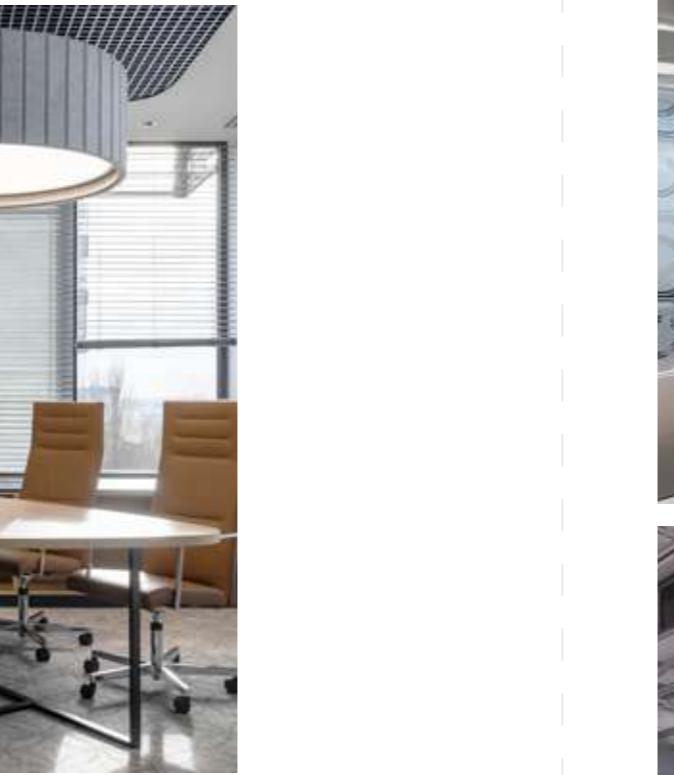
EcoLamp Rib



■ Lighting



EcoLamp Round





NyquiTiles Edge

NyquiTiles Edge are upholstered acoustic panels with a high sound absorption coefficient. They are characterized by a modern and minimalist design. Thanks to the simple form of squares, rectangles and triangles, the availability of many dimensions and colours, we can easily obtain an interesting and spatial pattern.



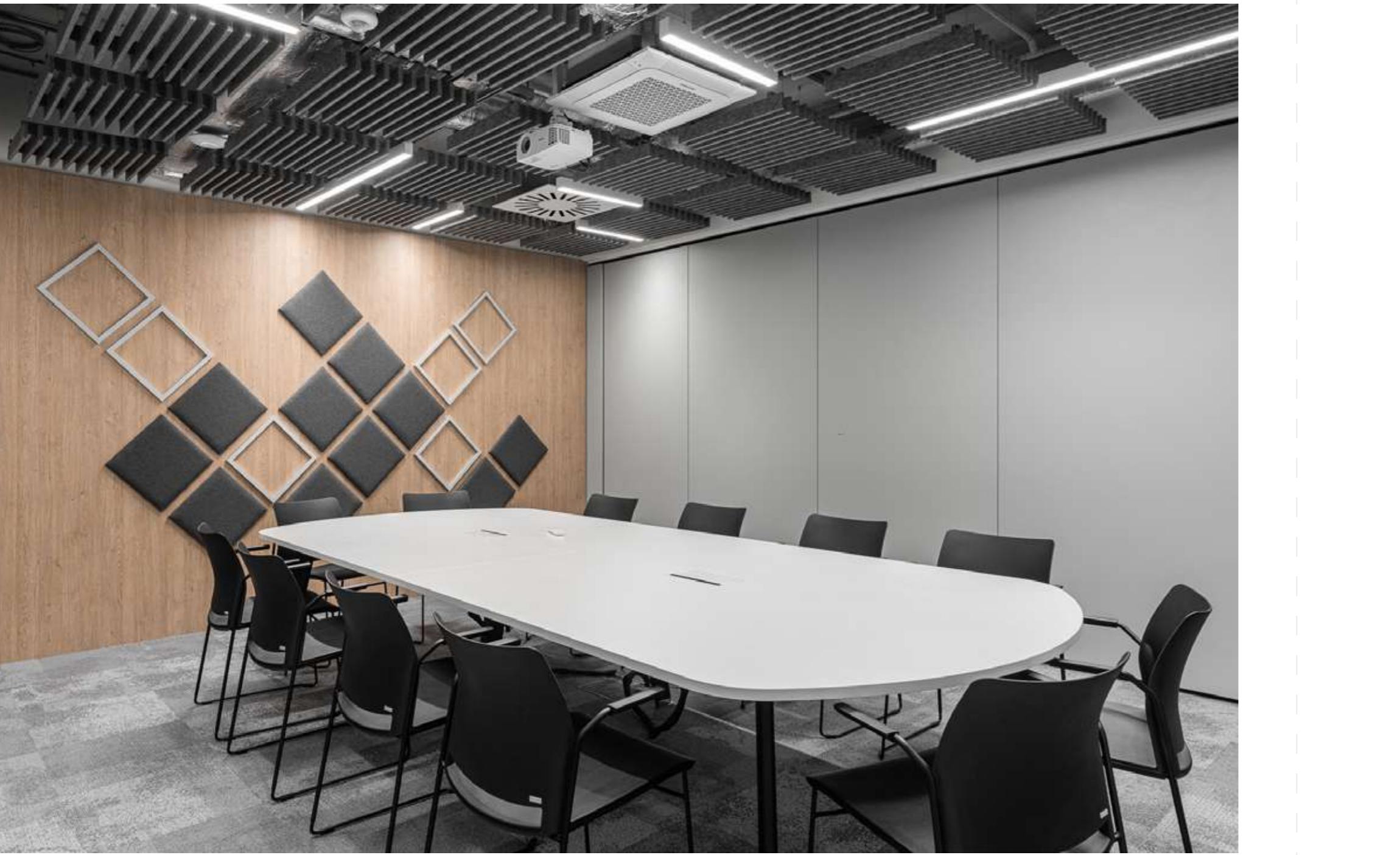


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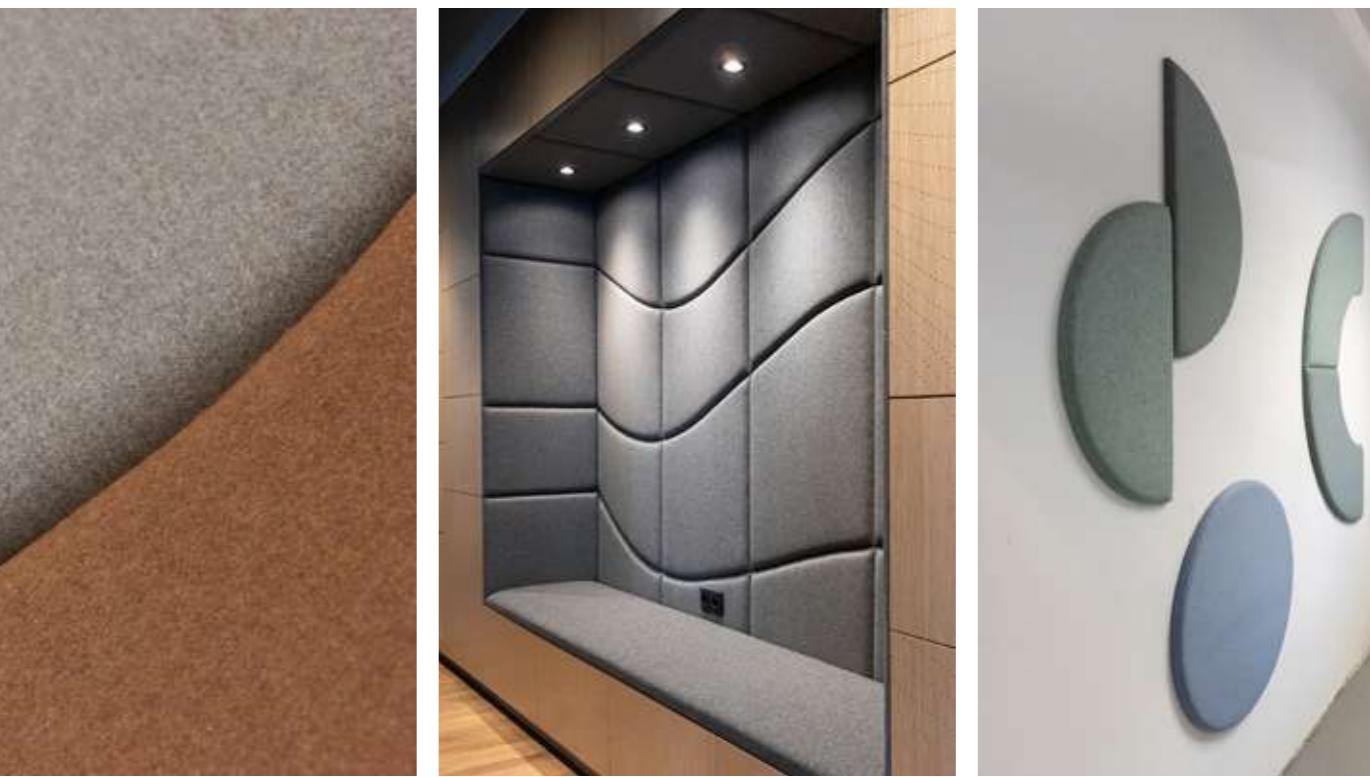
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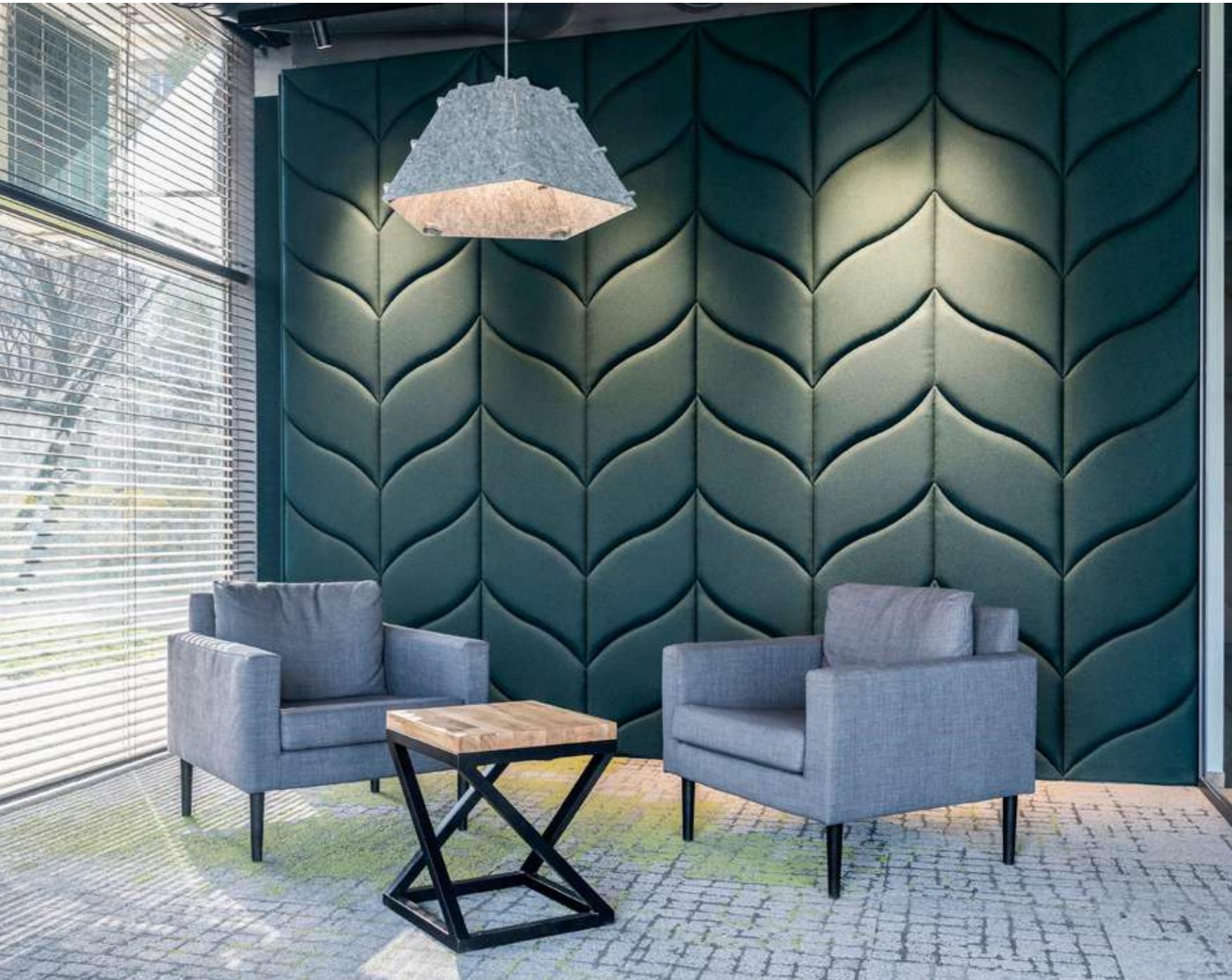


■ NyquiLine

NyquiTiles Round

NyquiTiles Round is the name given to decorative panels with high absorption properties. They are made of special acoustic foam with an „open-cell“ construction. The outer layer of the panels is an acoustically transparent material, resistant to abrasion, creases and dirt. You can choose a fabric from several materials, differing in structure and colours. The product is ecological and environmentally friendly. The thickness of the absorbent material is 20, 30, 40 or 50 mm. Due to the production process, the panels may differ in dimensions by +/- 2mm.

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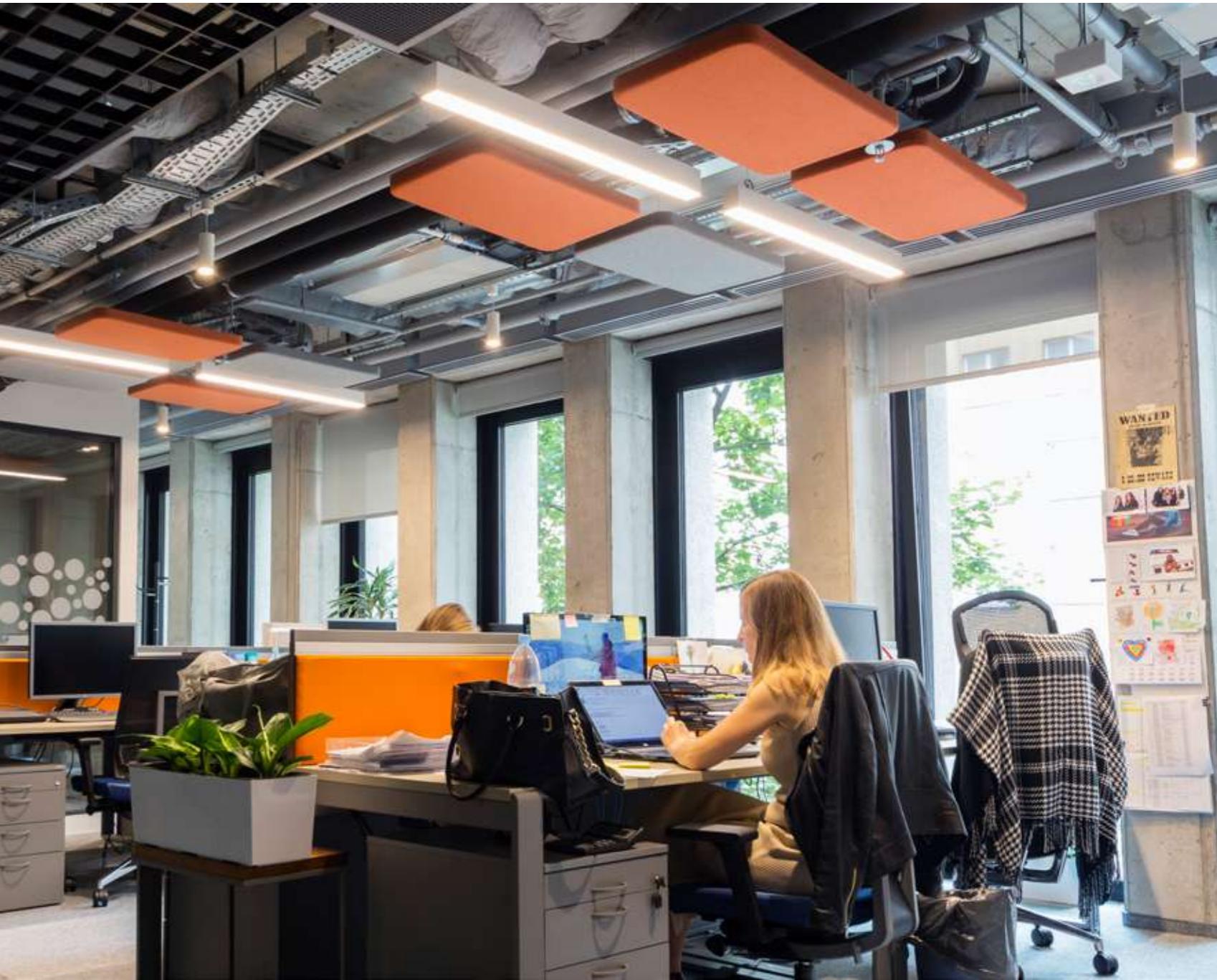


■ NyquiLine



NyquiCloud

The panels are covered with high-quality fabric on the outside, which is acoustically transparent and resistant to dirt and mechanical damage. There is an absorber inside the panels with the highest sound absorption class A. The mounting system on adjustable steel cables enables quick installation of panels onto the ceiling.

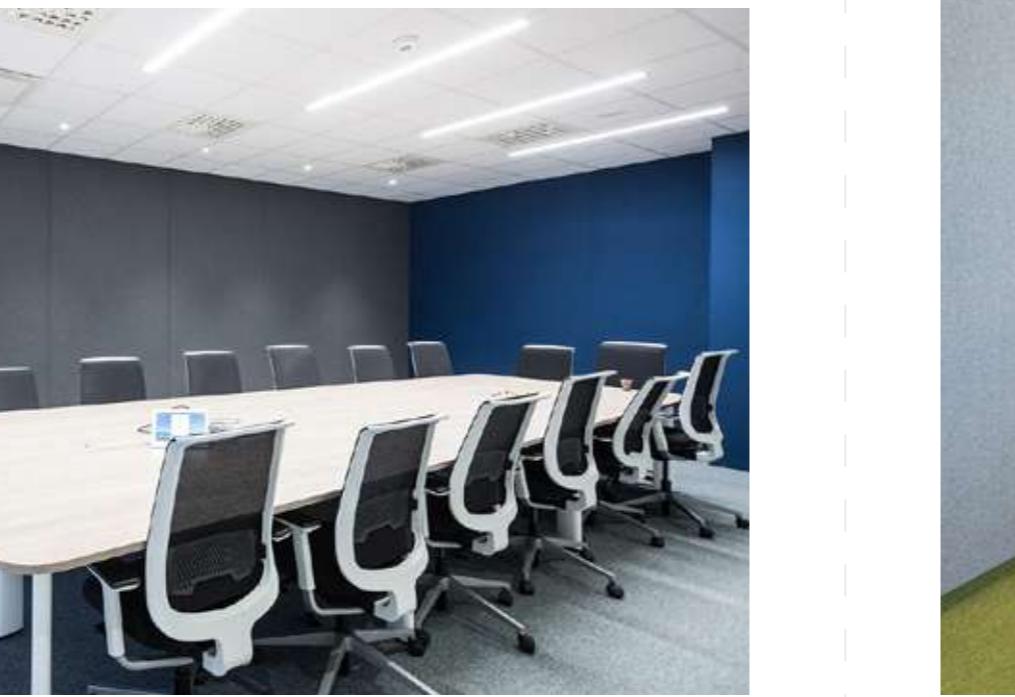
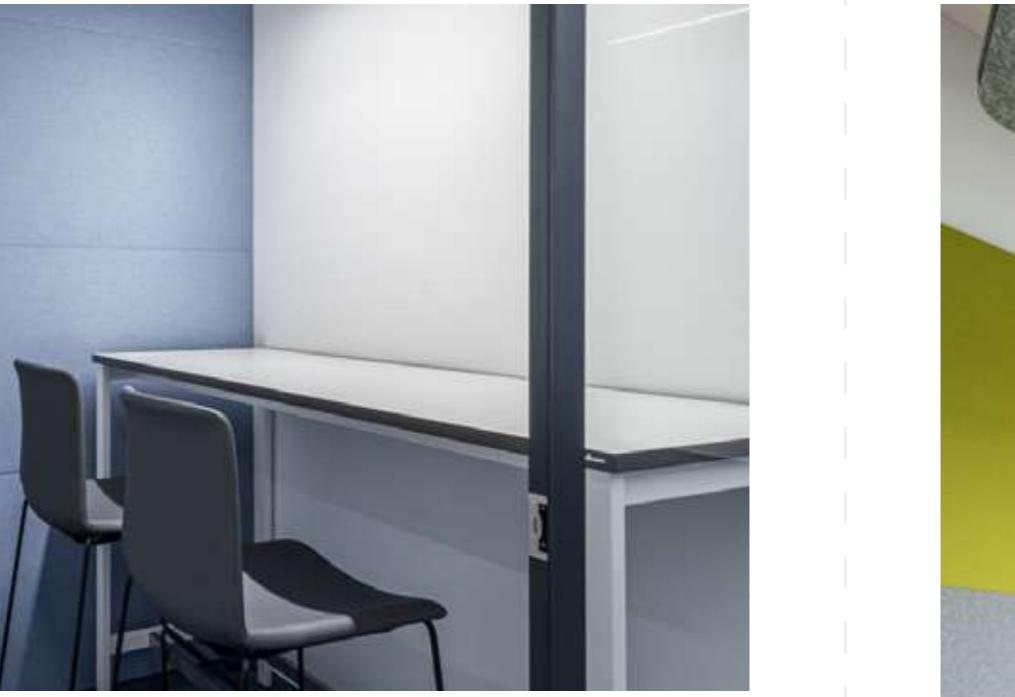
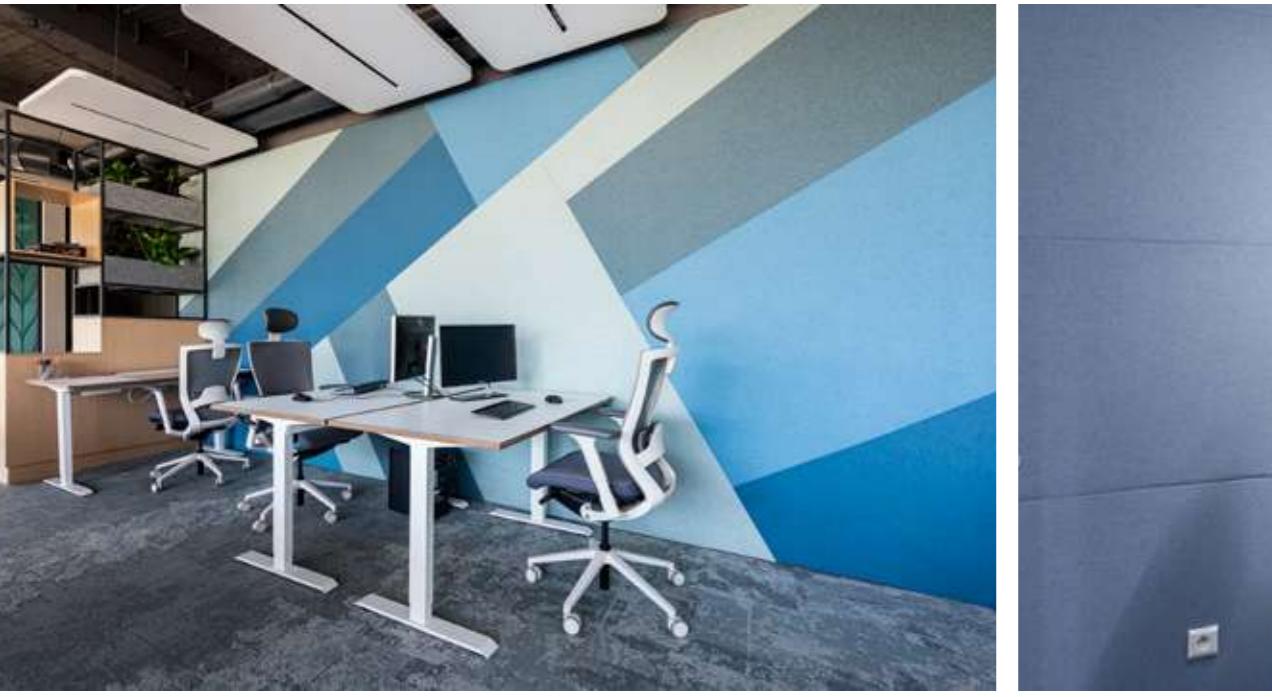


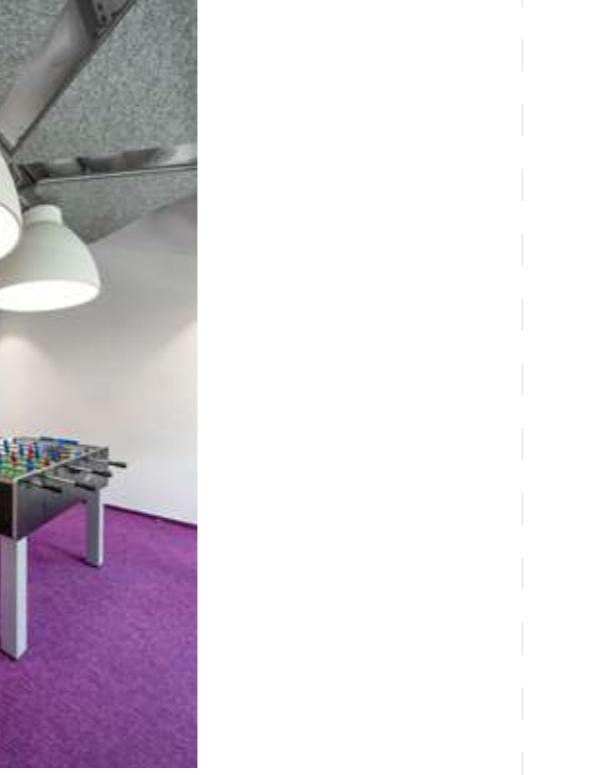




NyquiWall

The NyquiWall tension wall system adds a modern and minimalist finish to any interior design. The innovative mounting technique allows for a smooth surface with excellent acoustic properties. By using special mounting elements, the actual acoustic system is completely invisible and hidden under the fabric.





NyquiWall Print

It is possible to apply one-color graphics to the fabric in a vector style. If you need to print a high-resolution photo or a multicolored graphic, use the Nyquista Fabric Art system







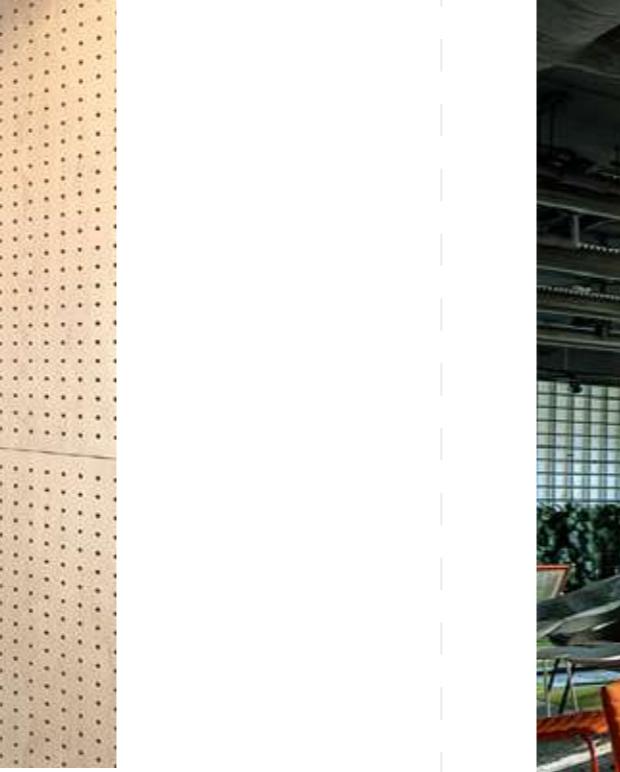
NyquiTotem

Many offices today are designed as Open Spaces. Properly designed Open Spaces provide a friendly and dynamic workplace. However, the lack of proper acoustic panels causes a lot of reverberation and noise propagation. To prevent this, we have developed NyquiTotem - a mobile acoustic panel with high efficiency and a wide range of applications. The cylindrical totem with a diameter of 40 cm consists of two types of absorbent material with different densities. The outer layer is an acoustic felt that is available in more than 100 colors. The 40 cm diameter cylinder-shaped totem is made of two types of absorbent material of varying density. The outer layer is an acoustic felt available in more than 100 colors. The whole is set on a stable, lacquered base.



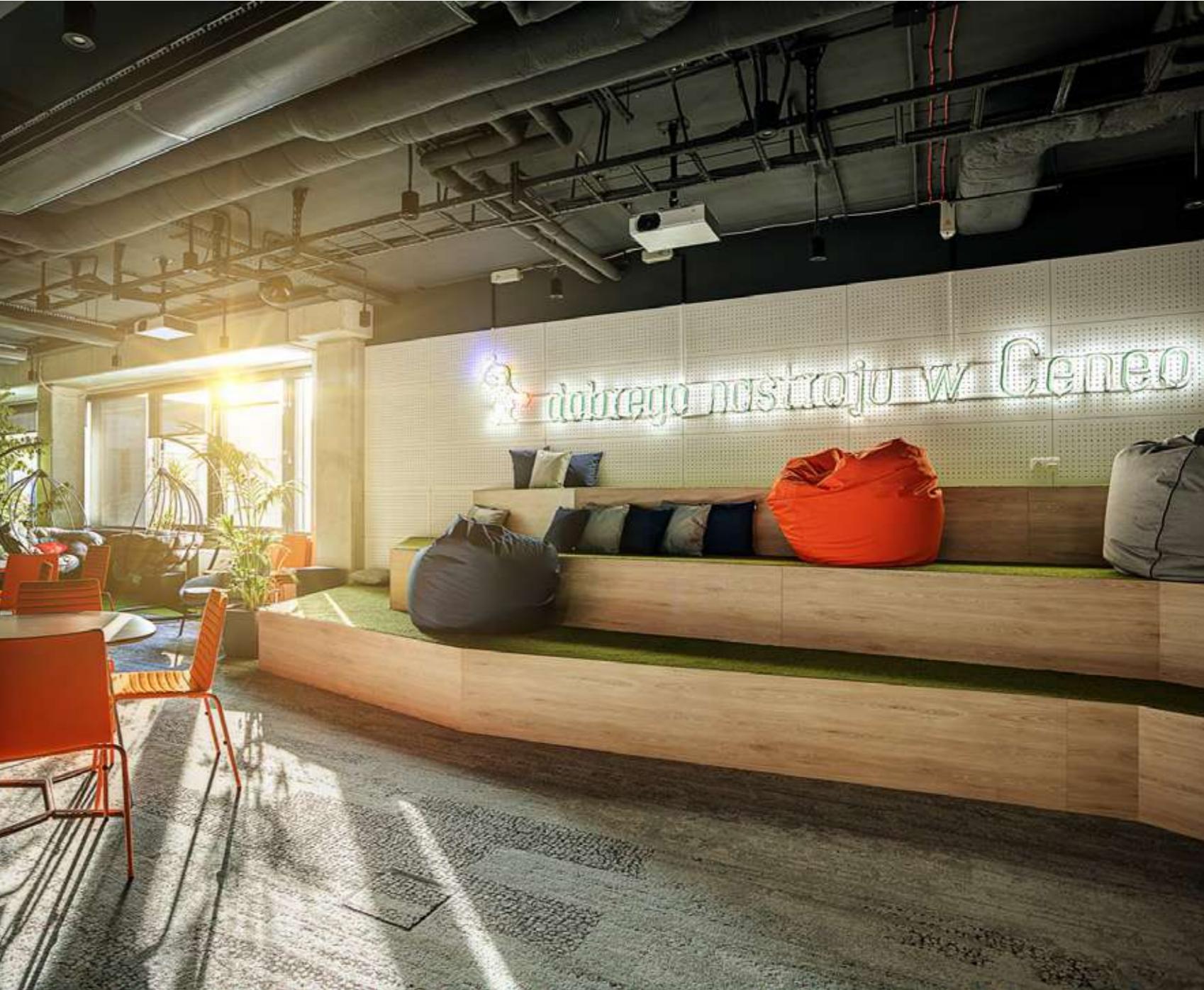
NyquiTotem Plant

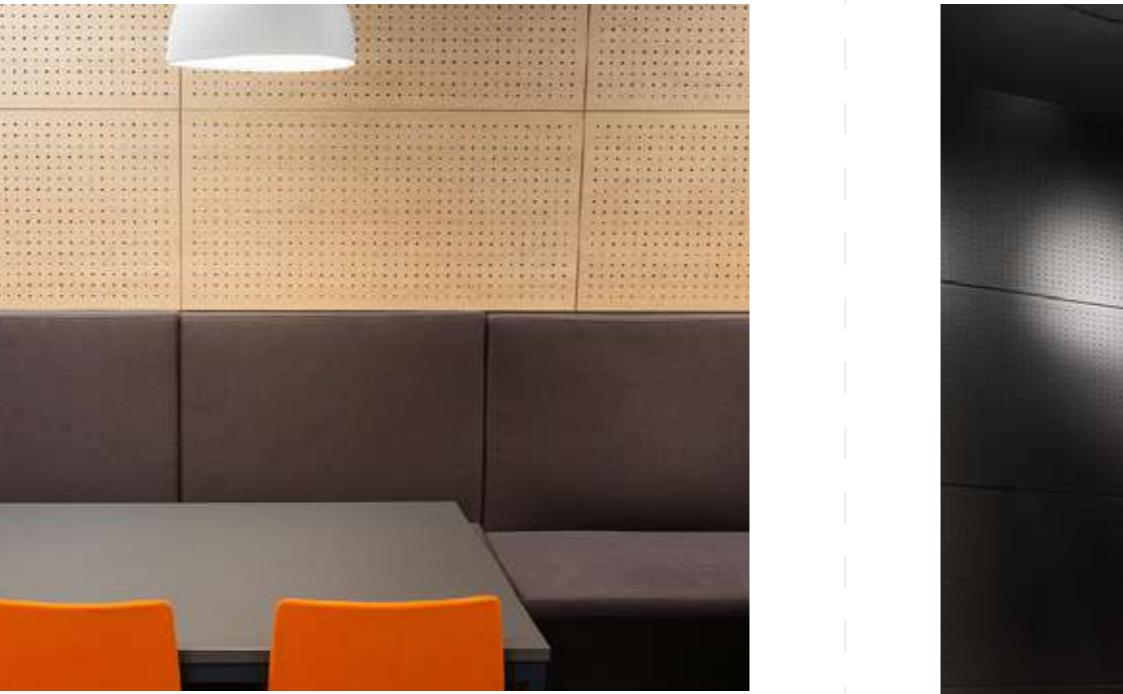
The key in designing acoustics is the ability to fit them into the interior space in a way that is both effective and discreet. Acoustic pots are the ideal solution here. Original, available in many sizes and colors, they are perfect for interiors where unique design and good acoustics are important. Elegant and sleek, they effectively bring the room to life. With their shape, they visually enlarge the space and seemingly increase the volume of the plants. Environmentally friendly - almost half of the materials used are recycled!

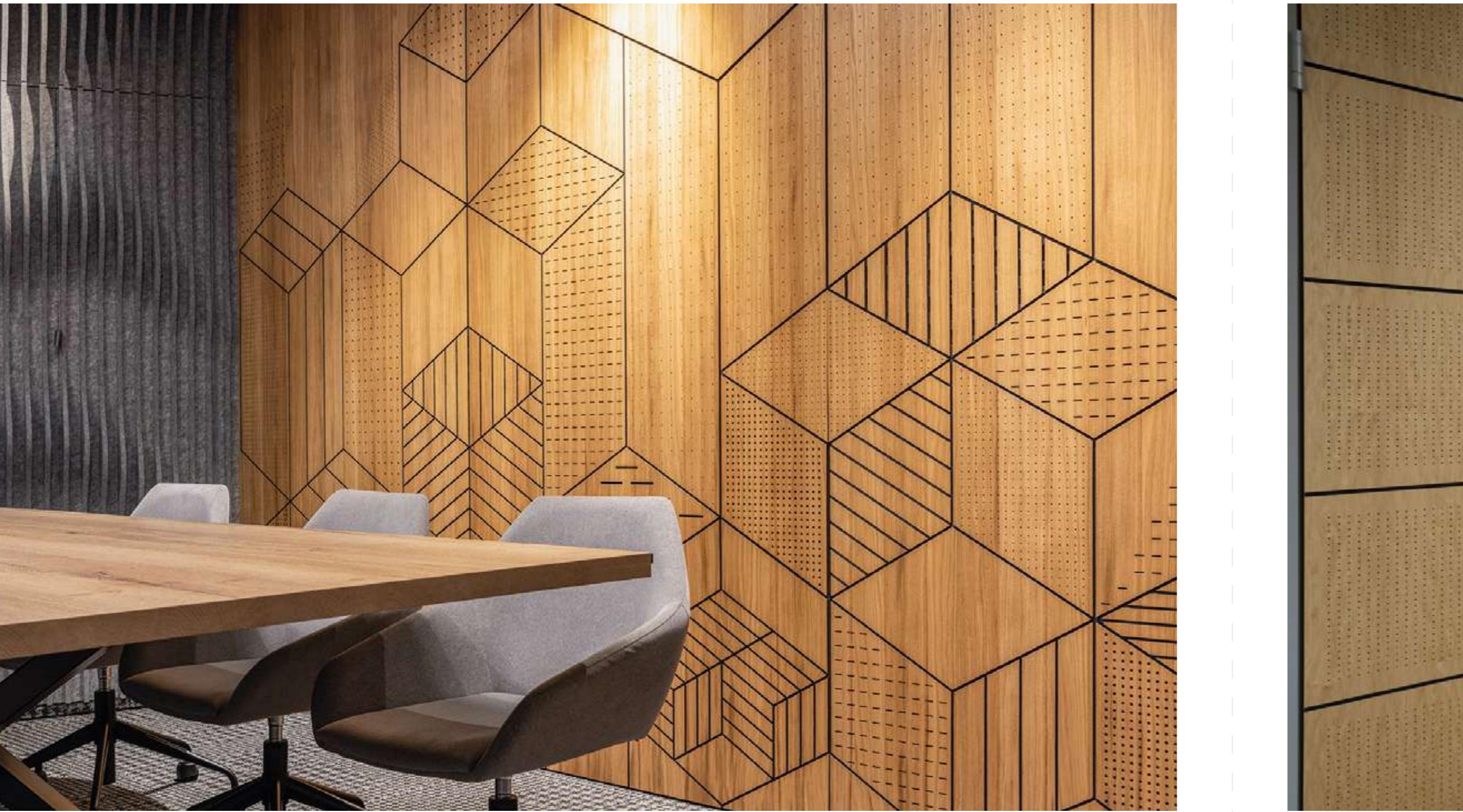


WoodenWall

Scandinavian architects have long used wood as an excellent architectural material because of the timeless elegance, naturalness and warmth it brings to a space. WoodenWall products are perforated wall panels with a variable sound absorption coefficient. The possibility of using different patterns and sizes of perforation, the thickness of the front panel and the absorbent material allows us to freely design the acoustics of the room as needed. As a result, any unpleasant reverberation decreases and the speech intelligibility and sound clarity increases.



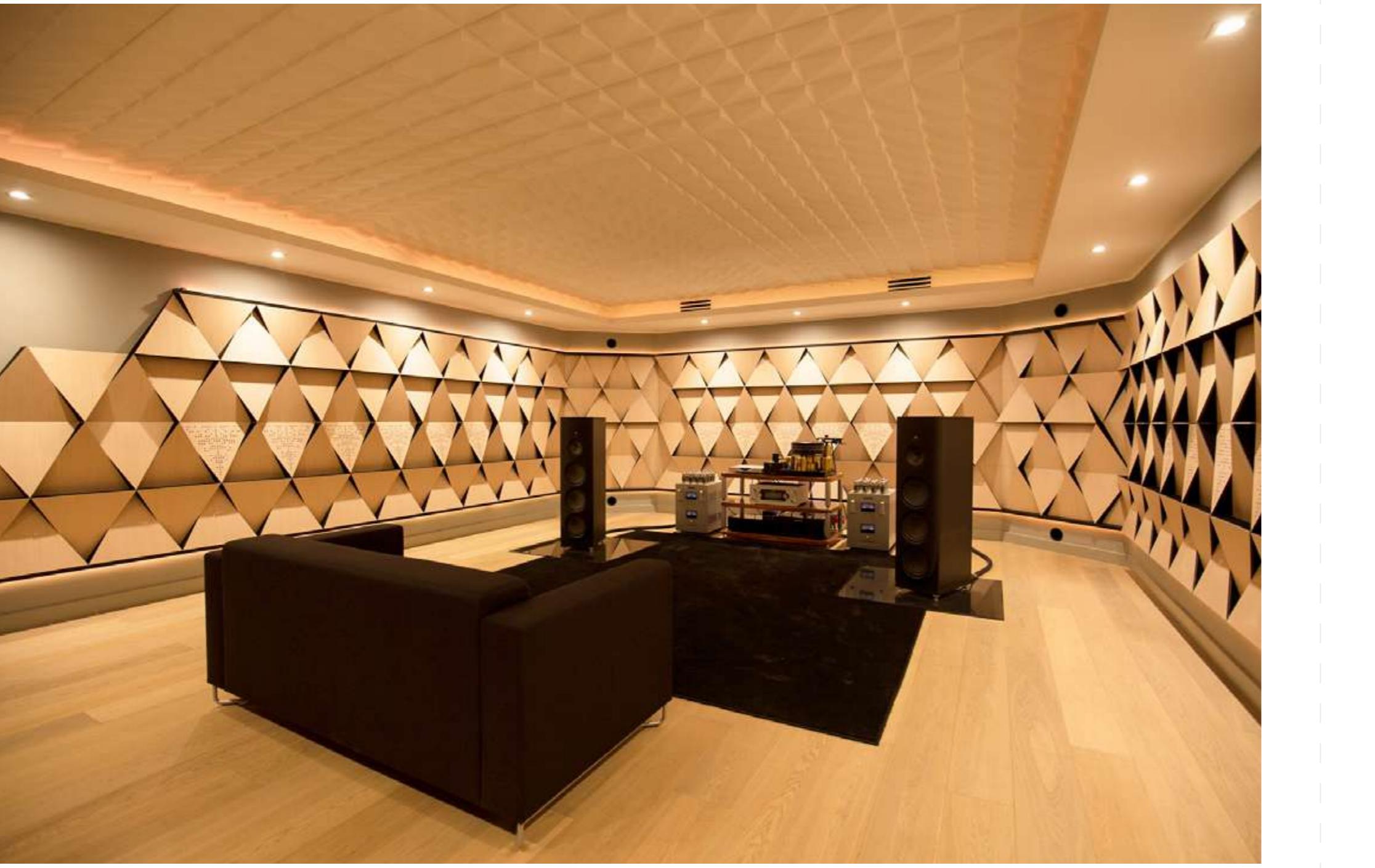




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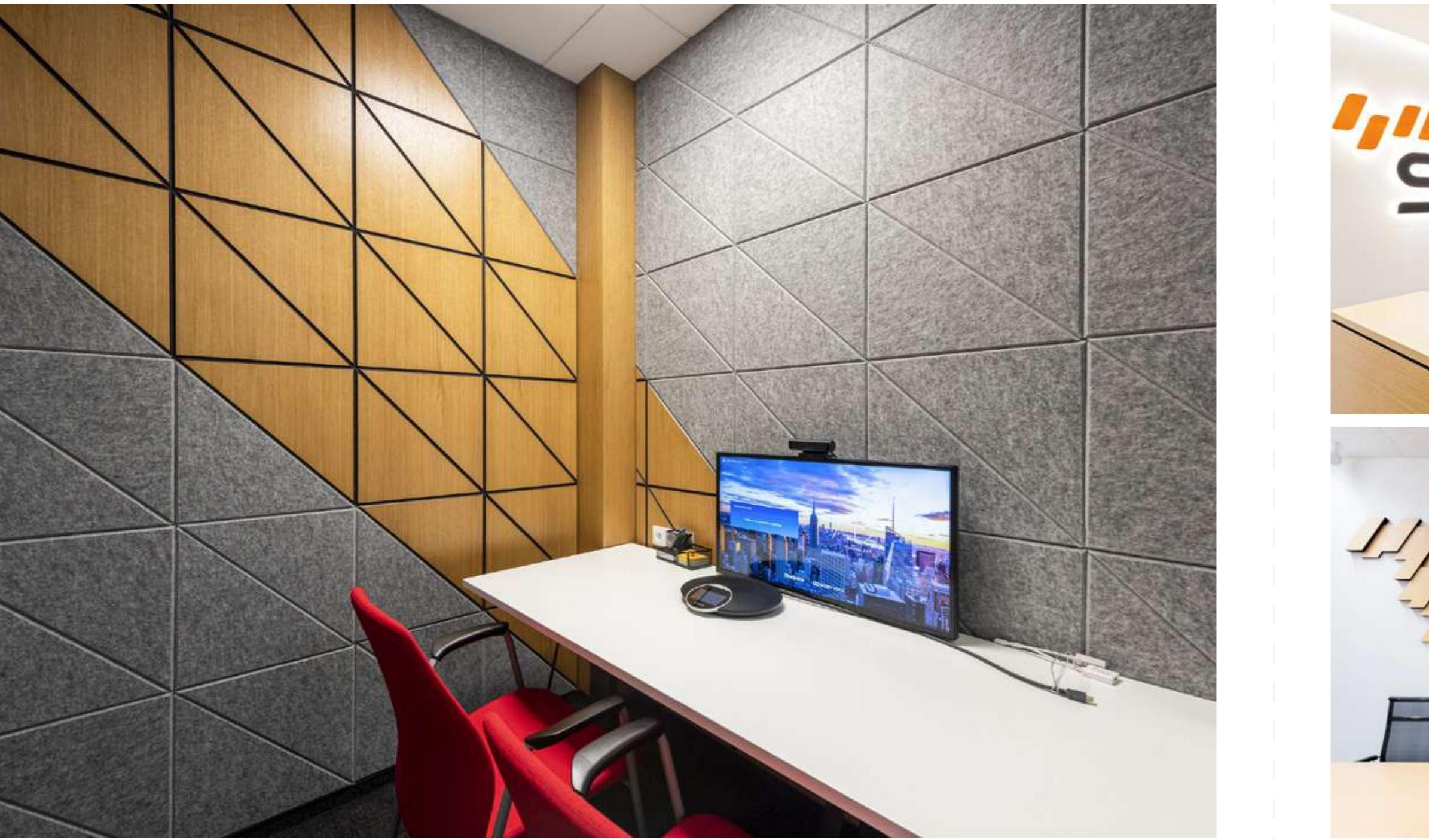


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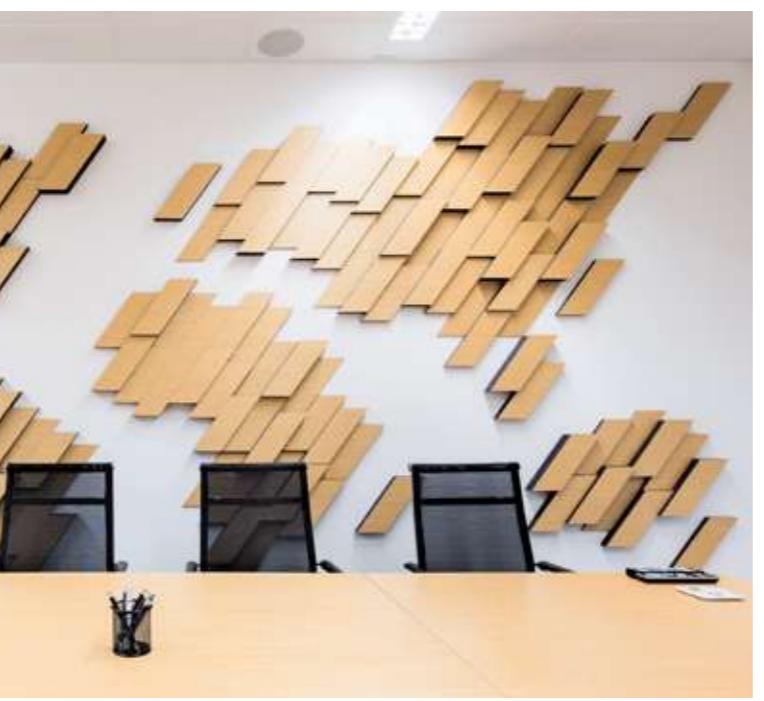


WoodenTiles

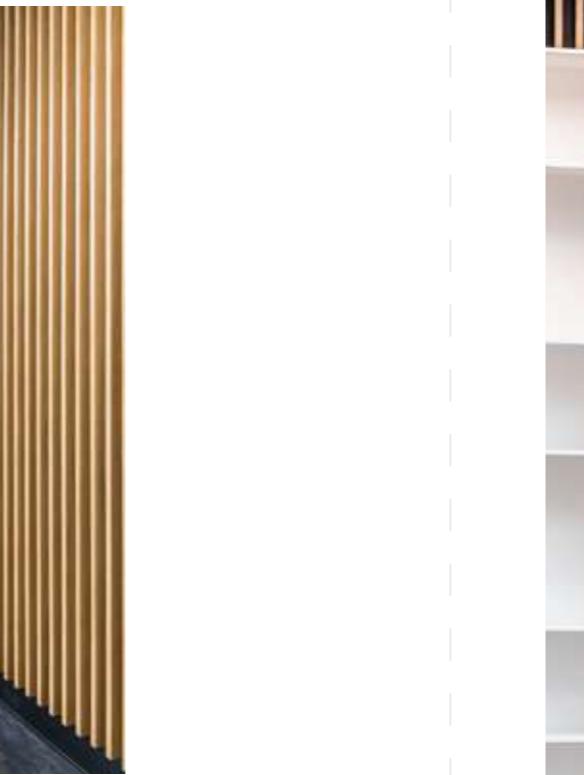
WoodenTiles are wall acoustic panels that are an interesting alternative to conventional perforated panels. The individual tiles consist of two layers: pressed polyester wool in various thicknesses and a veneered or laminated board. The irregular arrangement of the panels in the room reduces reverberation and improves speech intelligibility.



80



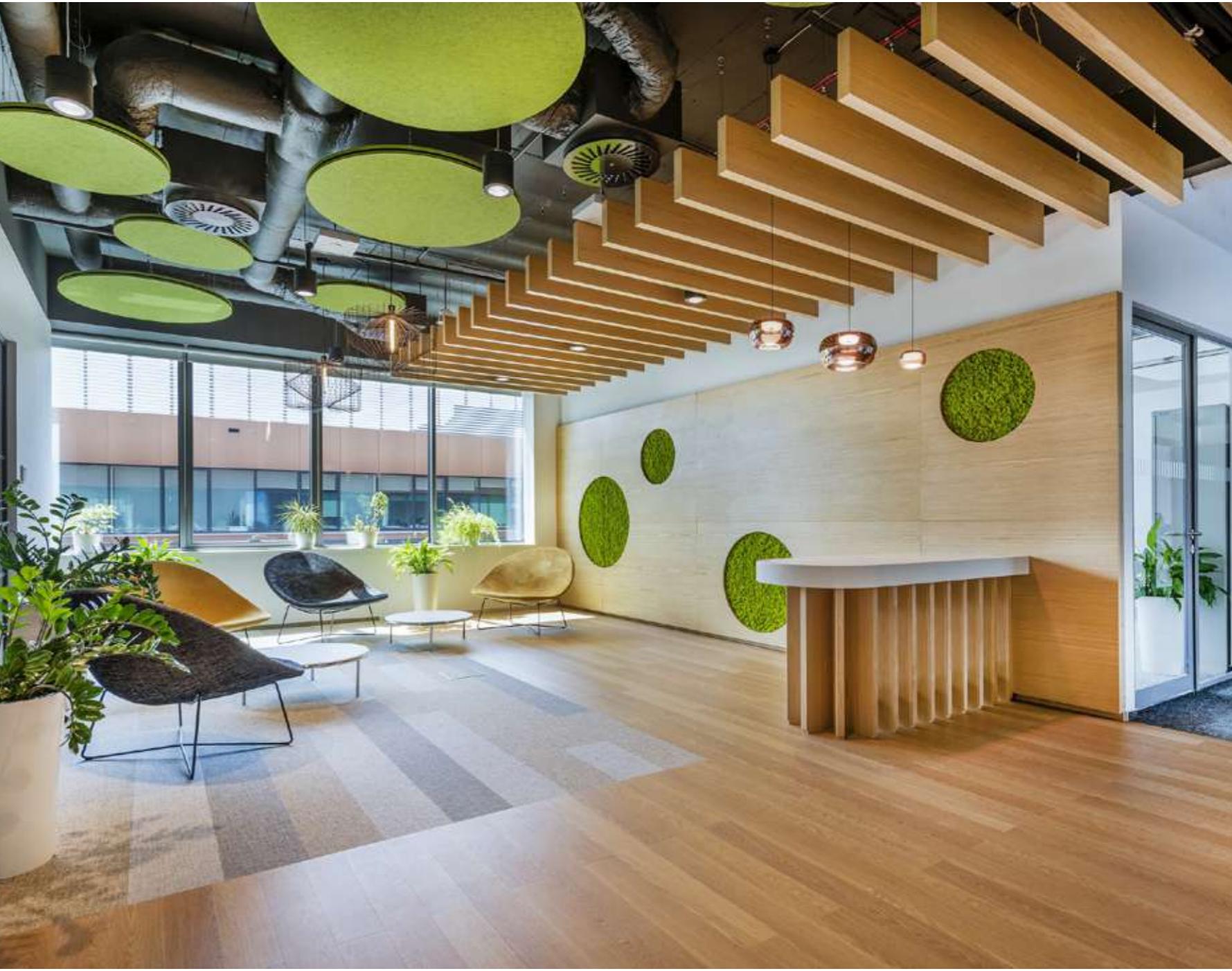
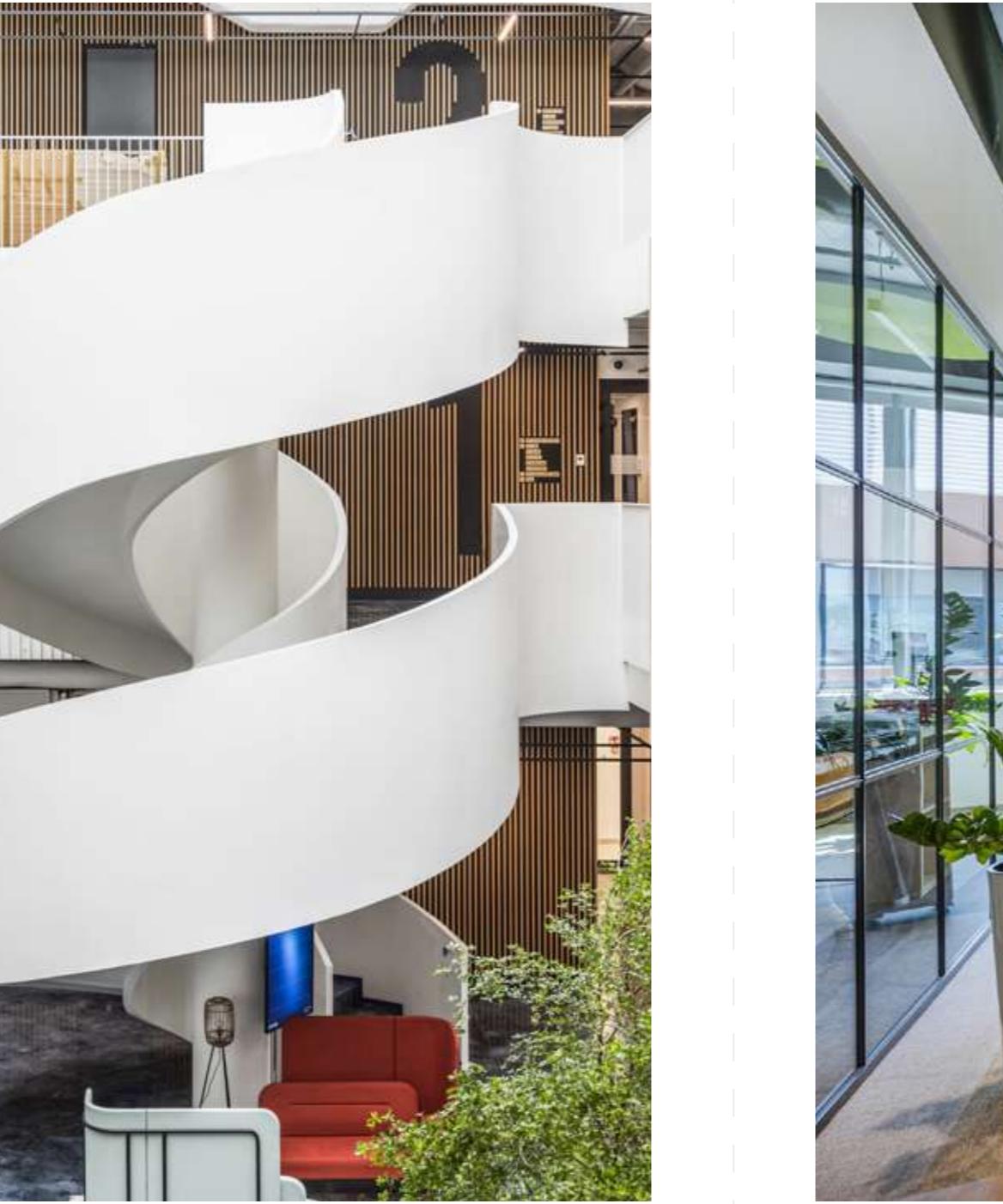
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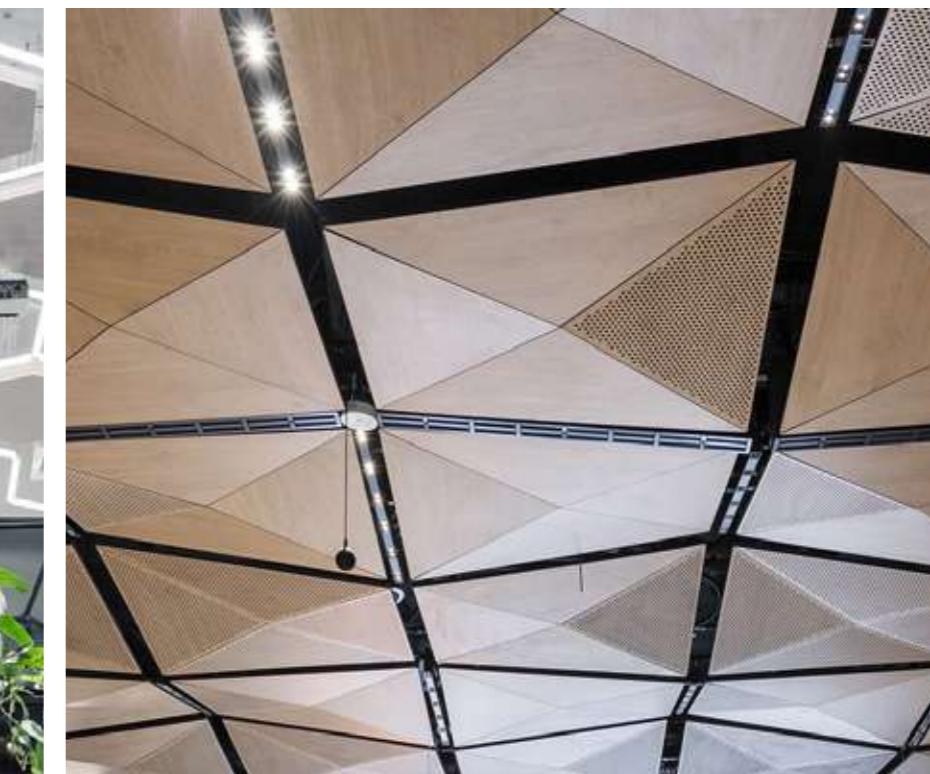
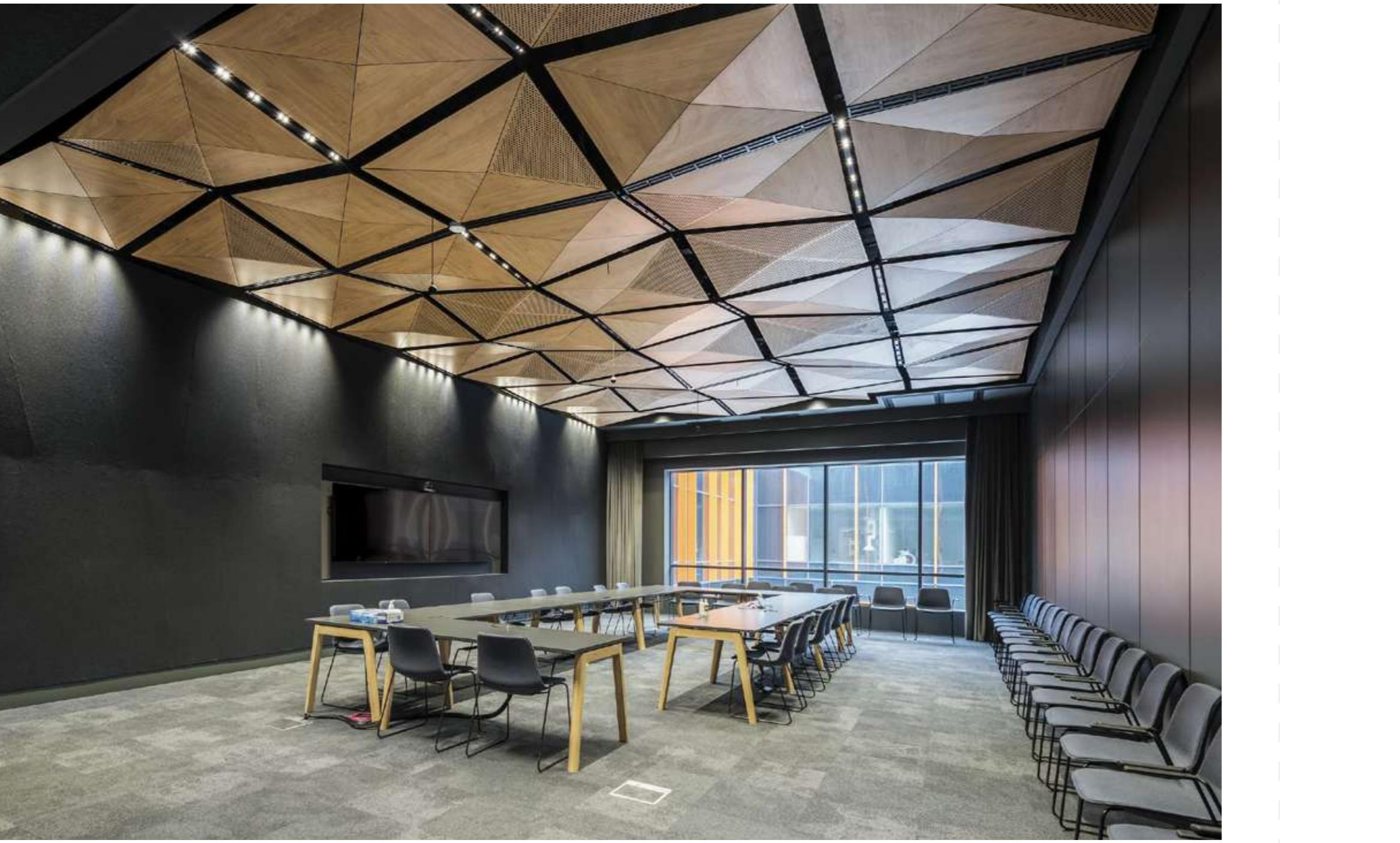


WoodenBaffle

WoodenBaffle is a modular system of acoustic wall panels in the form of wooden slats. The slats are made of fireproof MDF and finished with natural veneer, laminate or a plain surface. We can choose the surface from hundreds of available designs. Between each slat is EcoBoard acoustic material with a high sound absorption coefficient. The subtle combination of wooden slats and minimalist black or gray gives the interior a warm and modern look. In addition, you can use moss from the NyquiMoss series between the slats.





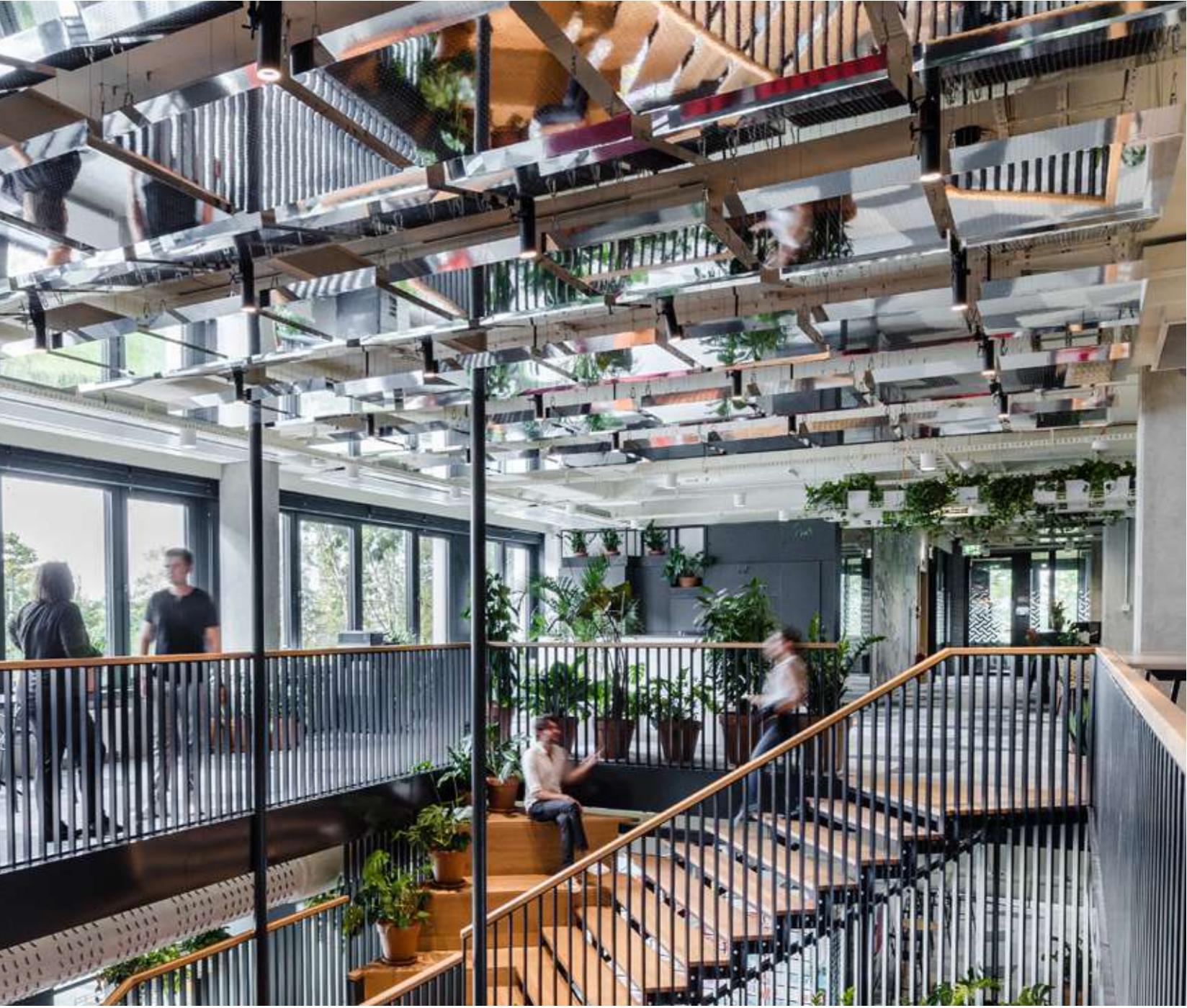


WoodenCloud

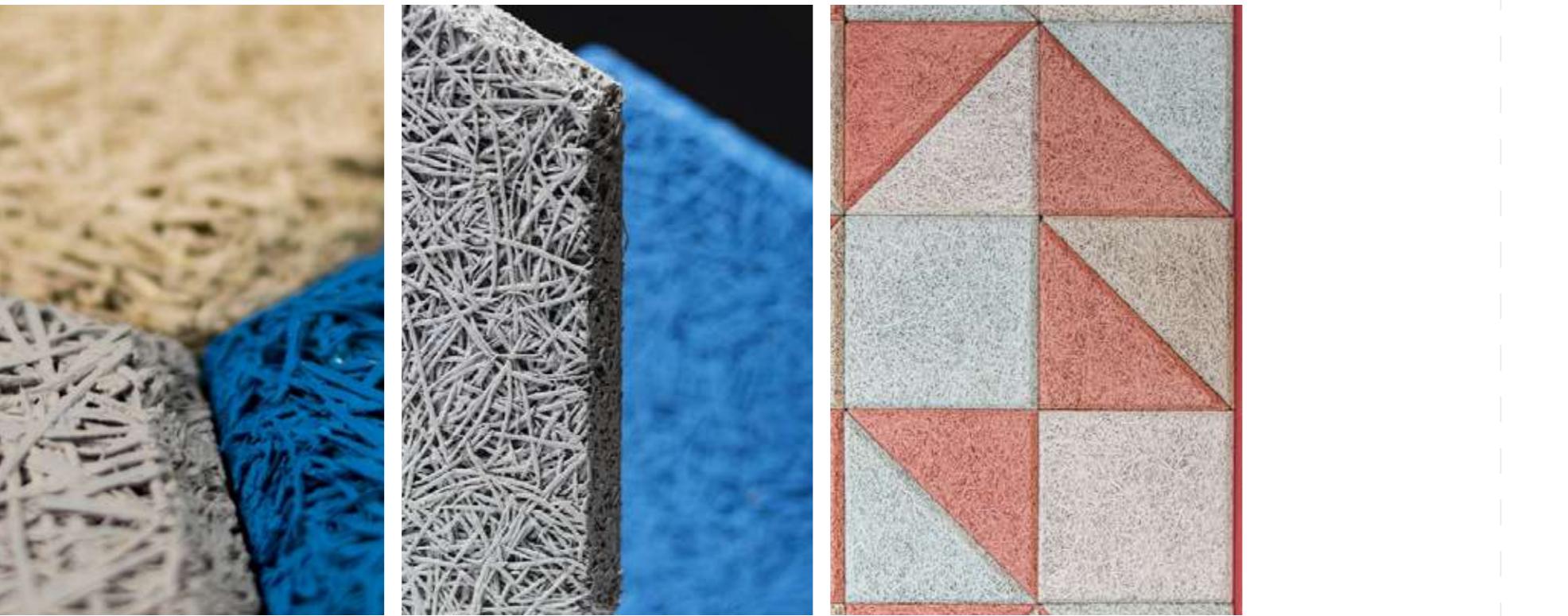
WoodenCloud is the name given to acoustic ceiling islands with a variable sound absorption coefficient. The possibility of using various patterns and perforation sizes, casing thickness and absorbing material, allows us to freely shape the acoustics of the room depending on specific requirements.



88

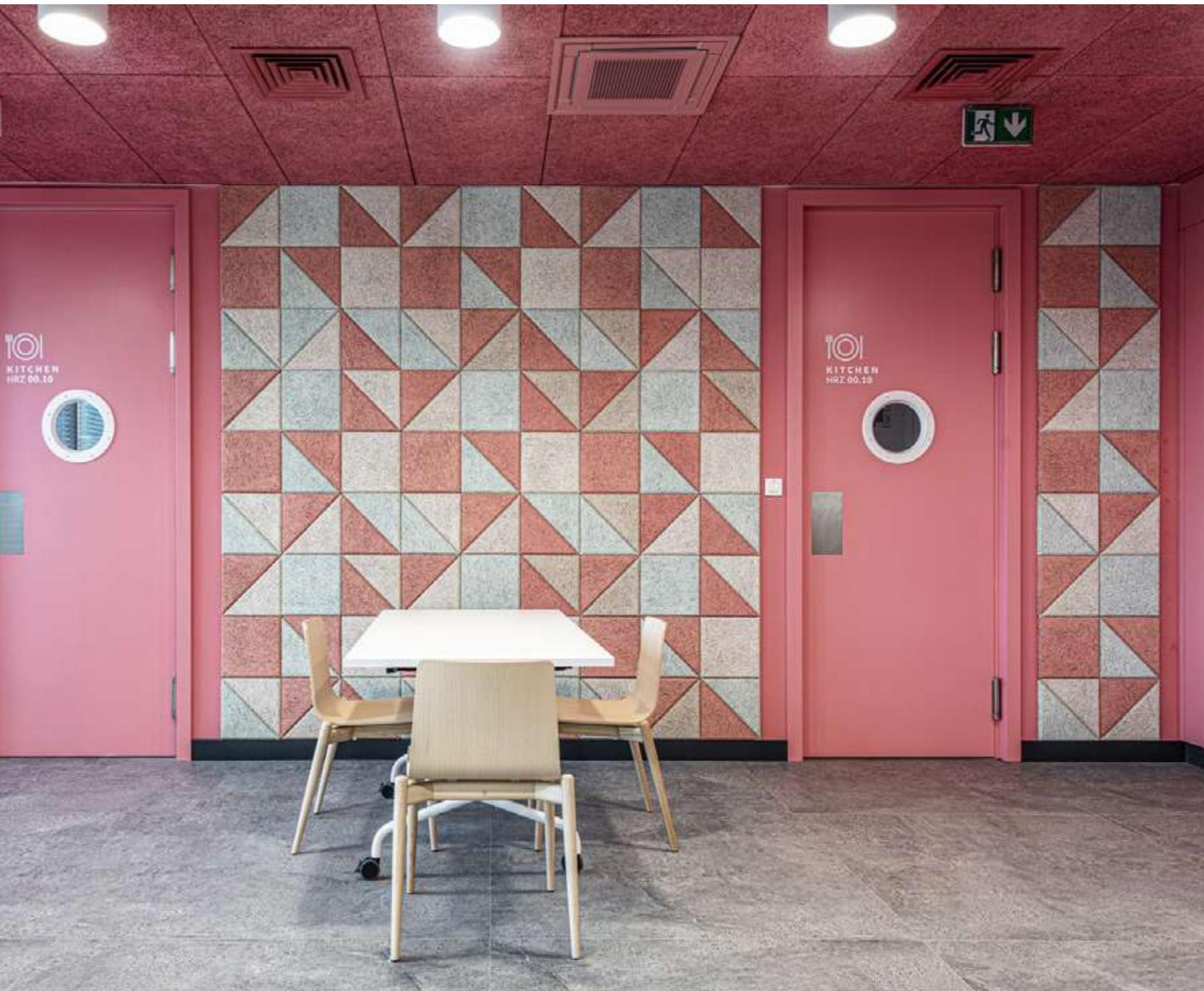


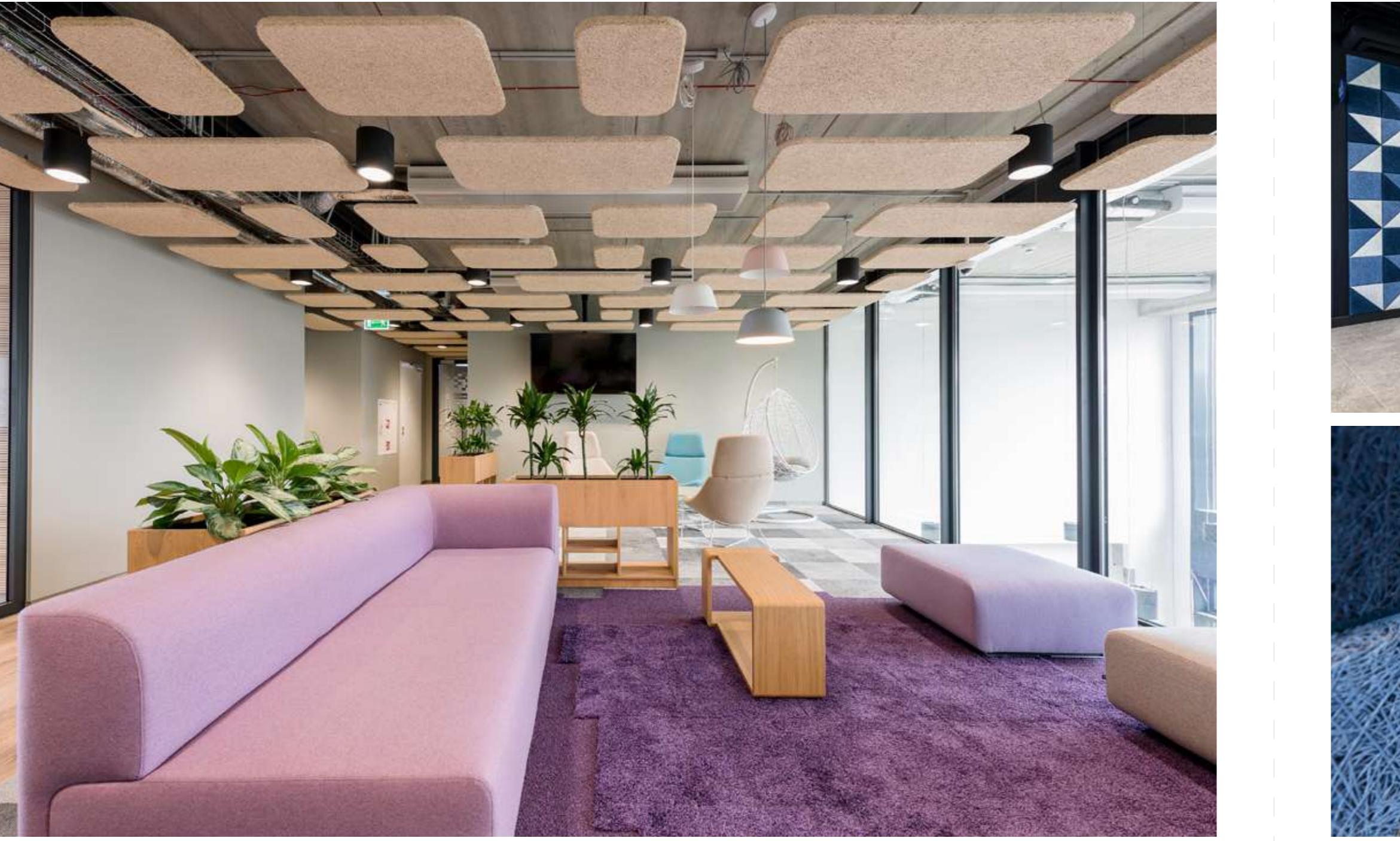
89



WoodenFiber

WoodenFiber acoustic panels are made of natural wood wool. This material is ecological and 100% recyclable. Pressed wood fibers, 2-5 mm wide and up to 50 cm long, are combined to form dense wool. The characteristic coating of natural wood is a perfect inspiration for designing offices or public spaces in line with the idea of biophilic design. The panels can be varnished in any color from the RAL or NCS palette, which gives architects a multitude of interior design possibilities.





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■ FiberFoam

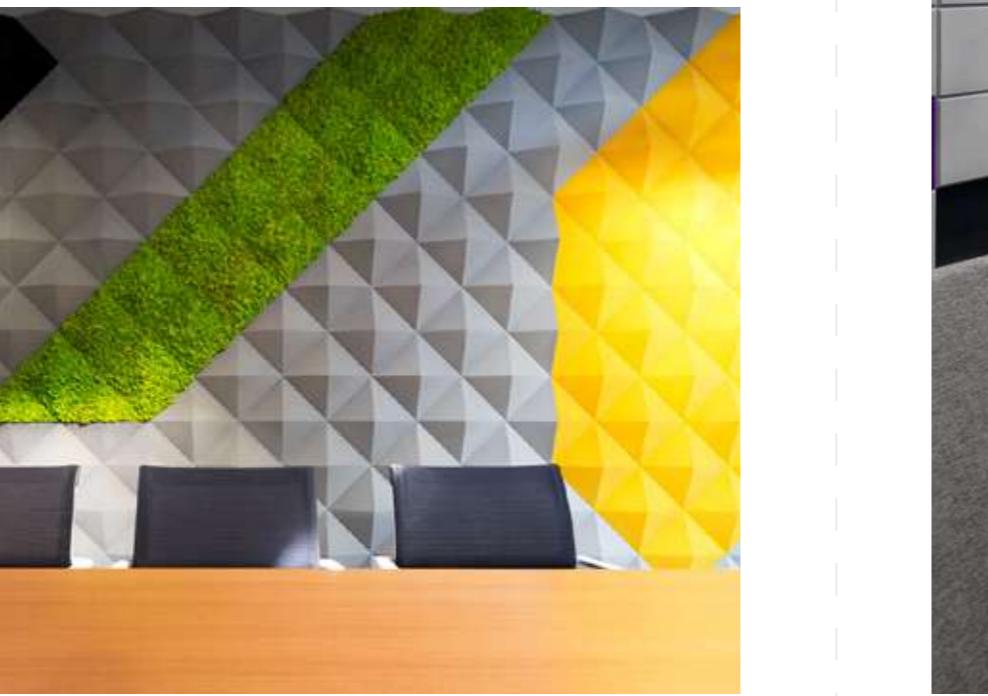
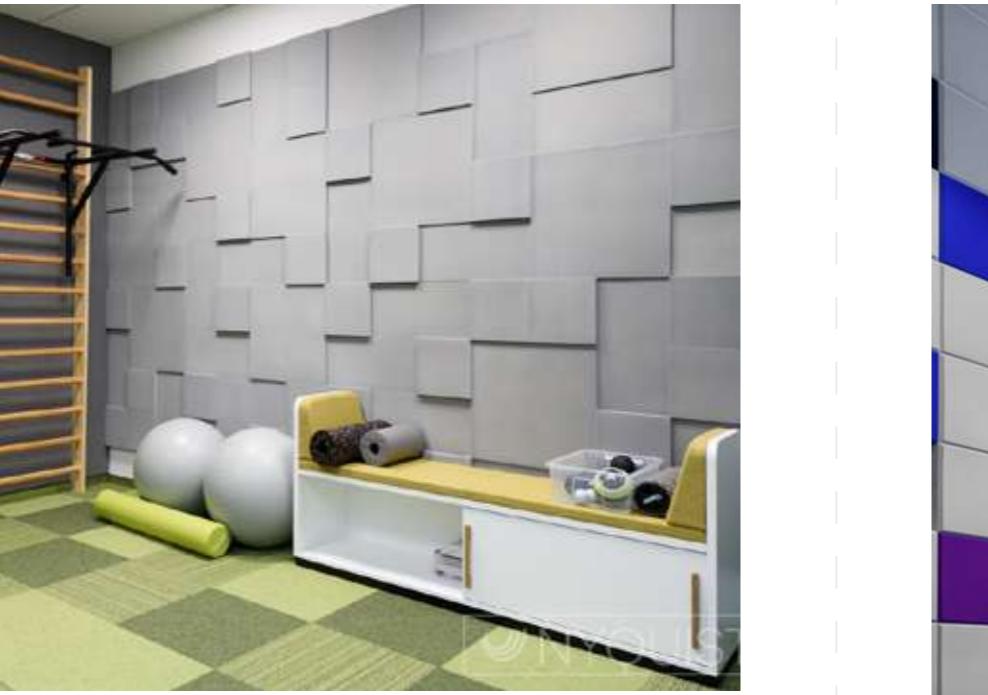


FiberColor

FiberColor panels are made of acoustic foam with an open-cell structure, covered with a layer of velor. The panels are antistatic and do not attract dust. They are characterized by high flexibility and resistance to mechanical damage.

The product is ecological and environmentally friendly. Due to the production process, the panels may differ in dimensions by +/- 3 mm. The panels can be installed with glue, double-sided tapes NyquiTape Or magnetic foil.







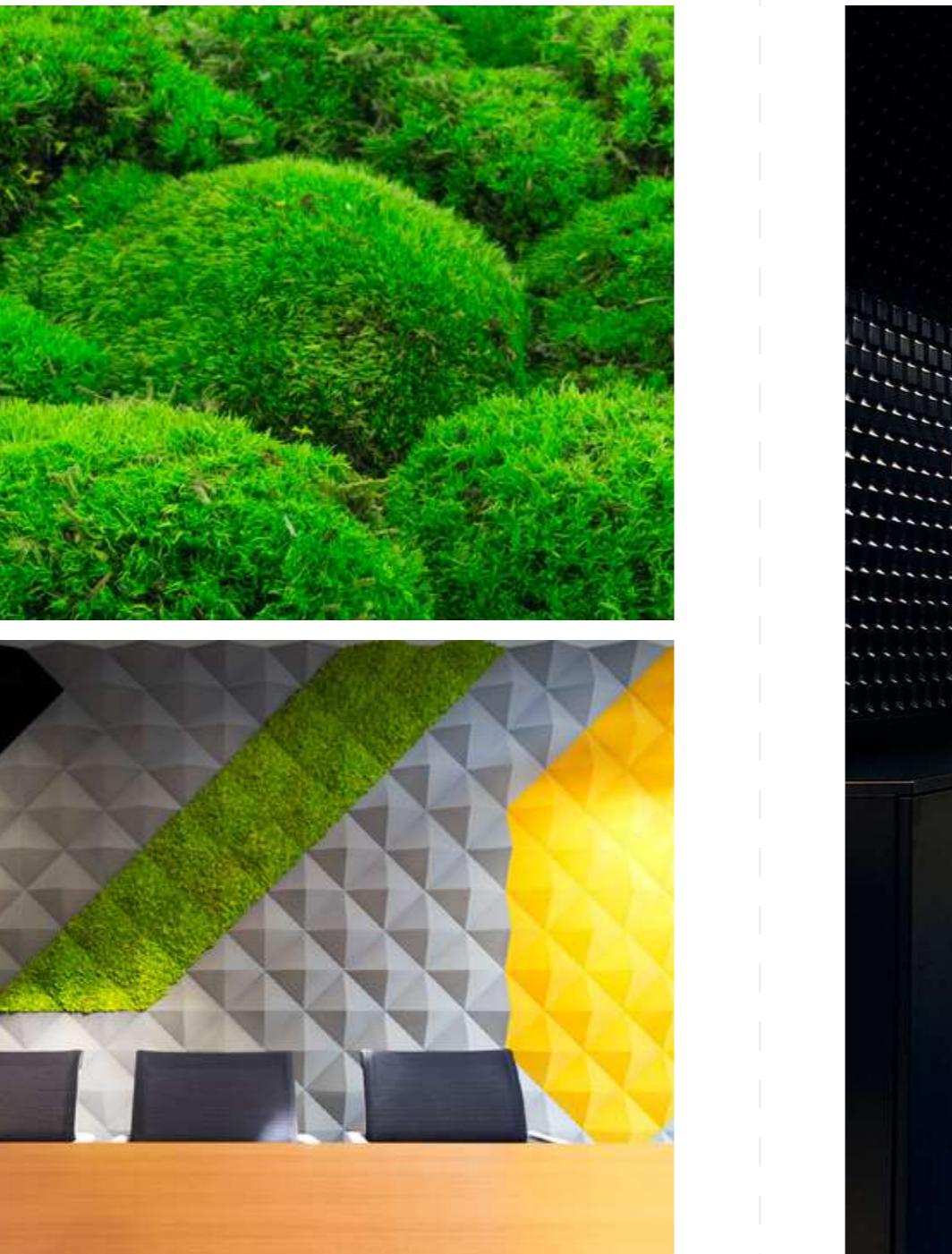


NyquiMoss

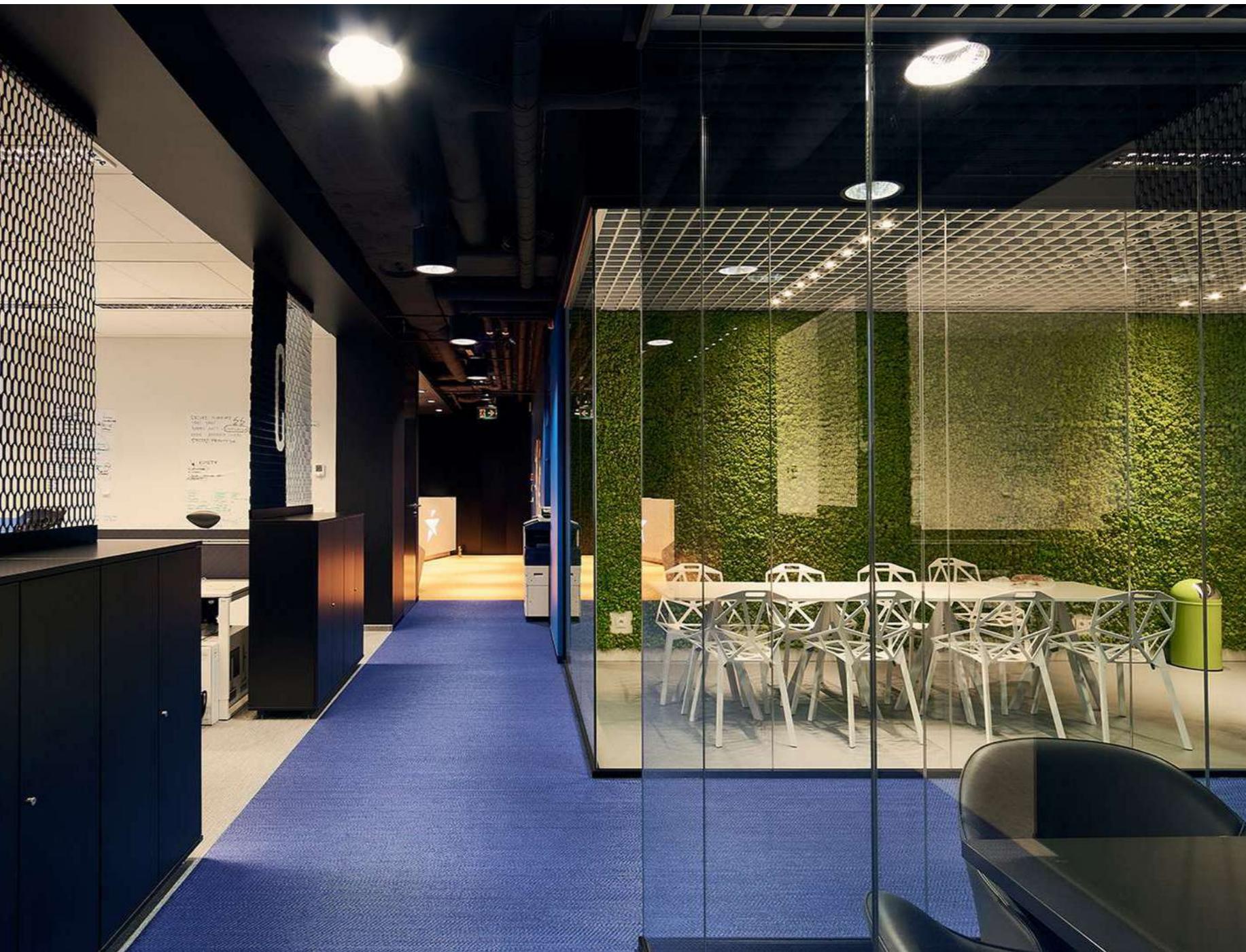
NyquiMoss is a decorative moss made of a special type of ground moss - reindeer lichen from Norway. Thanks to the salinity process, moss retains its natural appearance and color that lasts for many years. It requires no maintenance, watering or access to light, so it can be used in darkened rooms. In addition to its great esthetics, it also has an extremely pleasant texture to the touch as it retains its natural softness and elasticity.



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Office Divider

Office Divider are acoustic partition walls designed for open space office spaces. Thanks to them, we can effectively separate individual workstations or groups of positions, separate the employee part from the communication route or create a special relaxation zone. Office Divider provide high acoustic comfort. On both sides of the walls, there are acoustic panels with a high sound absorption coefficient, which reduce reverberation. An insulating core is installed between the panels, which is responsible for limiting the spread of noise in the room. The wall is made of a varnished steel frame fixed to the floor and ceiling.





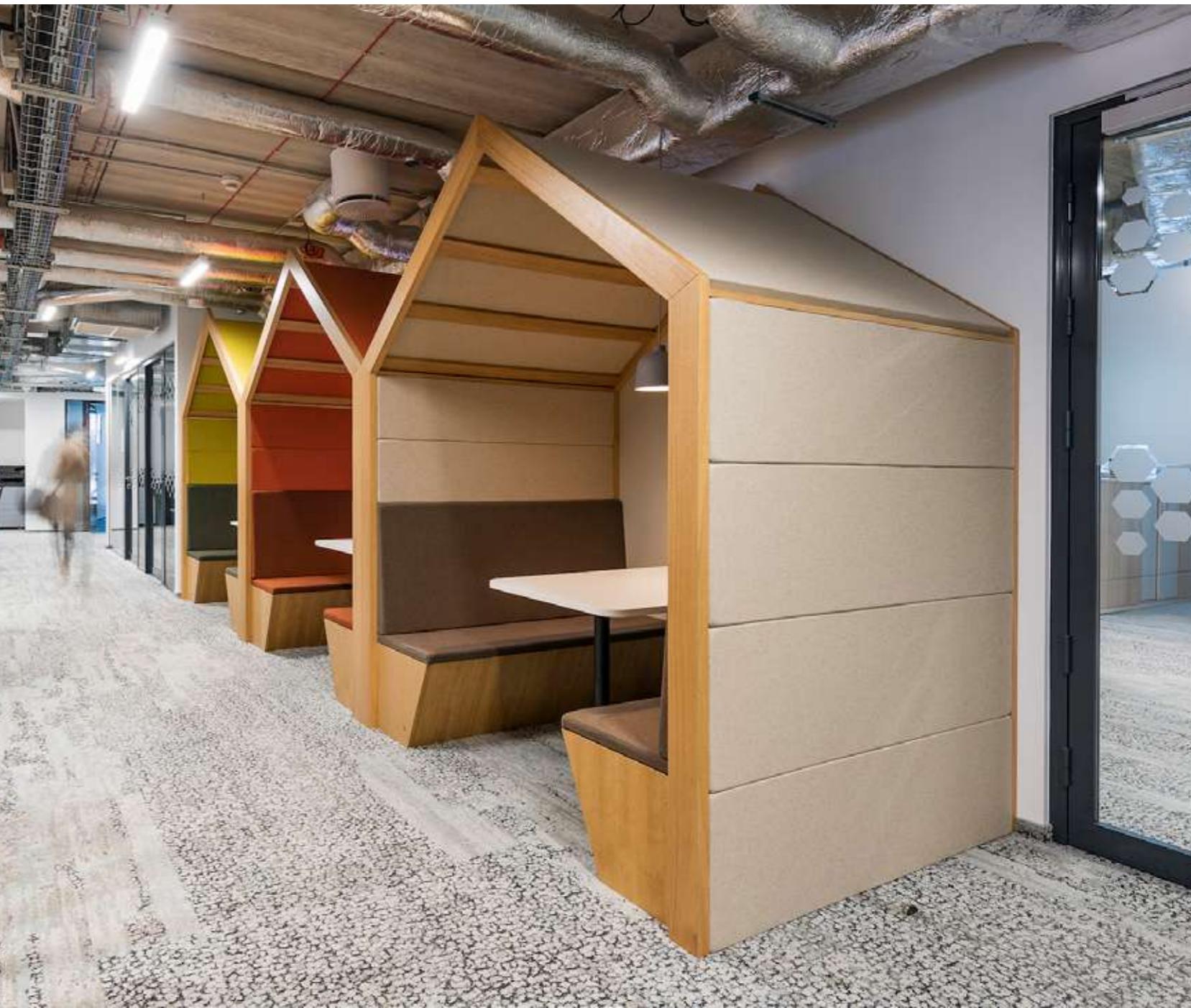
Furniture

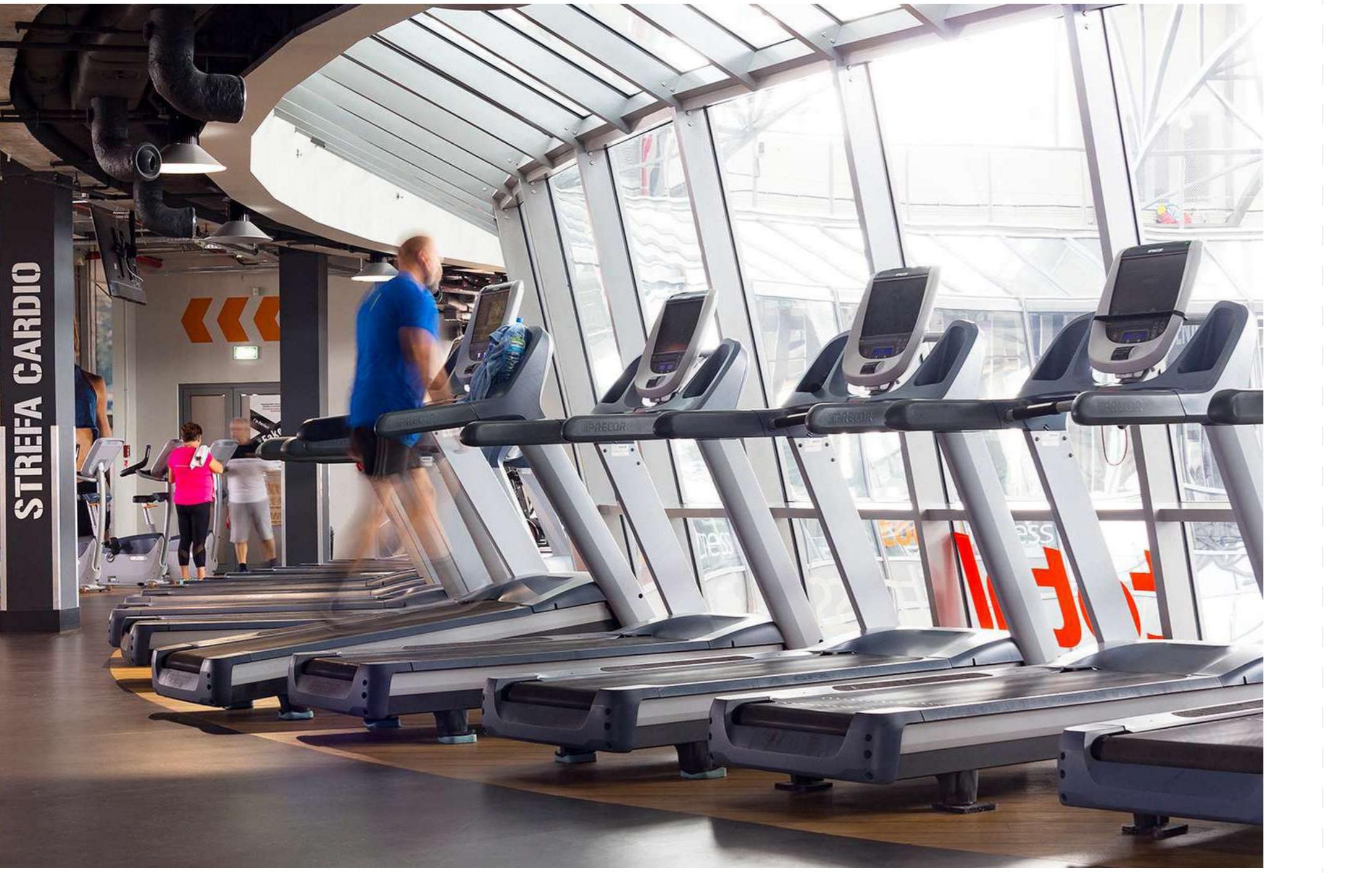
We design, manufacture and assemble furniture to your individual order. We produce furniture and complete furniture for all rooms: office, kitchen, living room, bathroom or corridor.





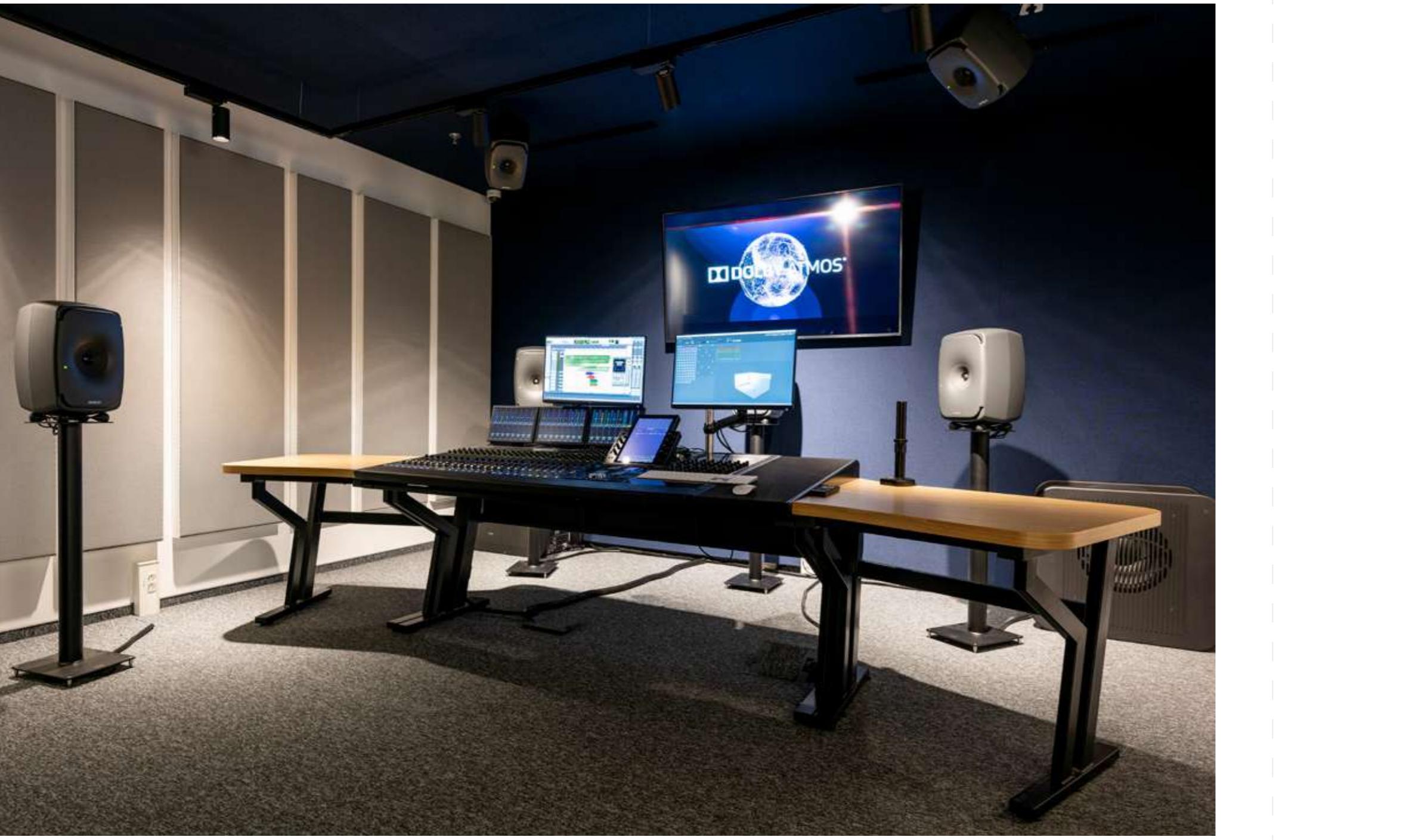
NyquiHouse





NyquiPads

NyquiPads are vibration isolators designed to reduce the noise generated by machines, motors and technical devices. Appropriate selection of feet allows to largely eliminate vibrations, i.e. noise transmitted through the material, e.g. through the ground on which the device stands.



Studio desks

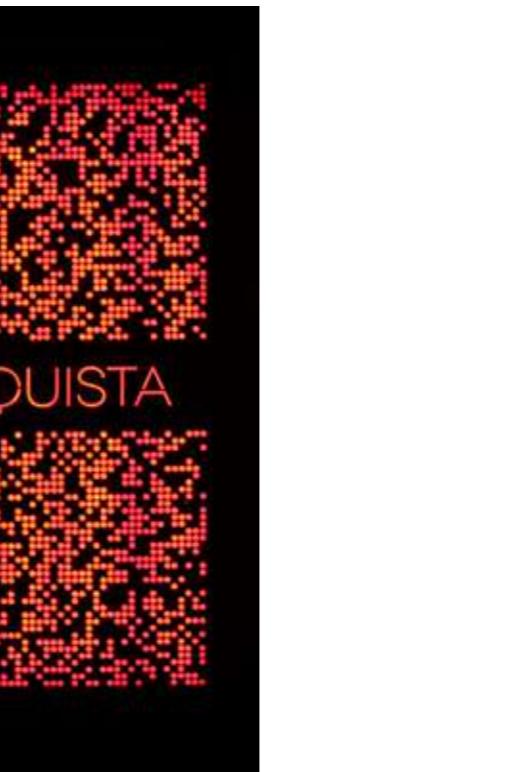
Acoustic furniture designed by Nyquista combines the functionality of ordinary furniture with excellent insulating and sound absorbing properties. Acoustic tables ensure high comfort of studio work and reduce vibrations.



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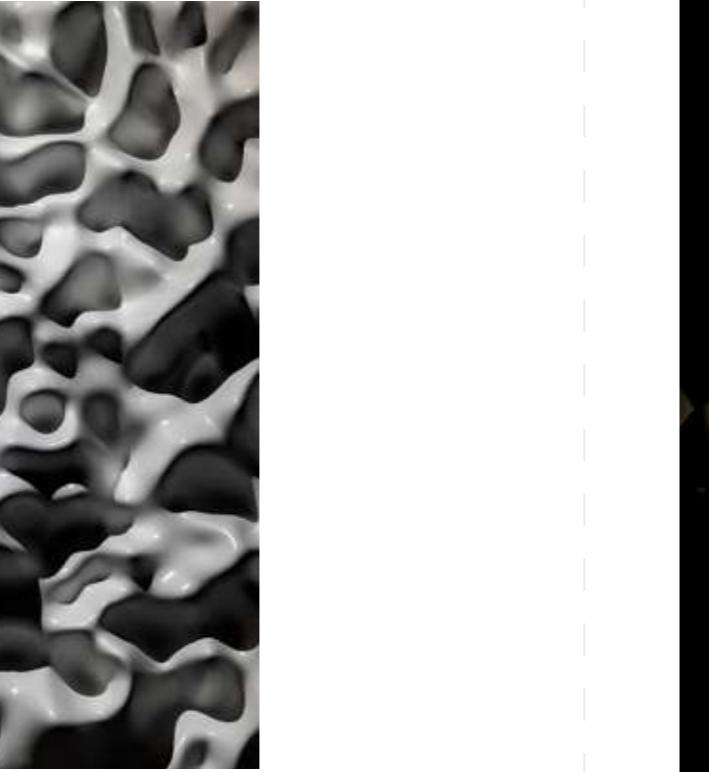
Binary



NyquiBass Trap

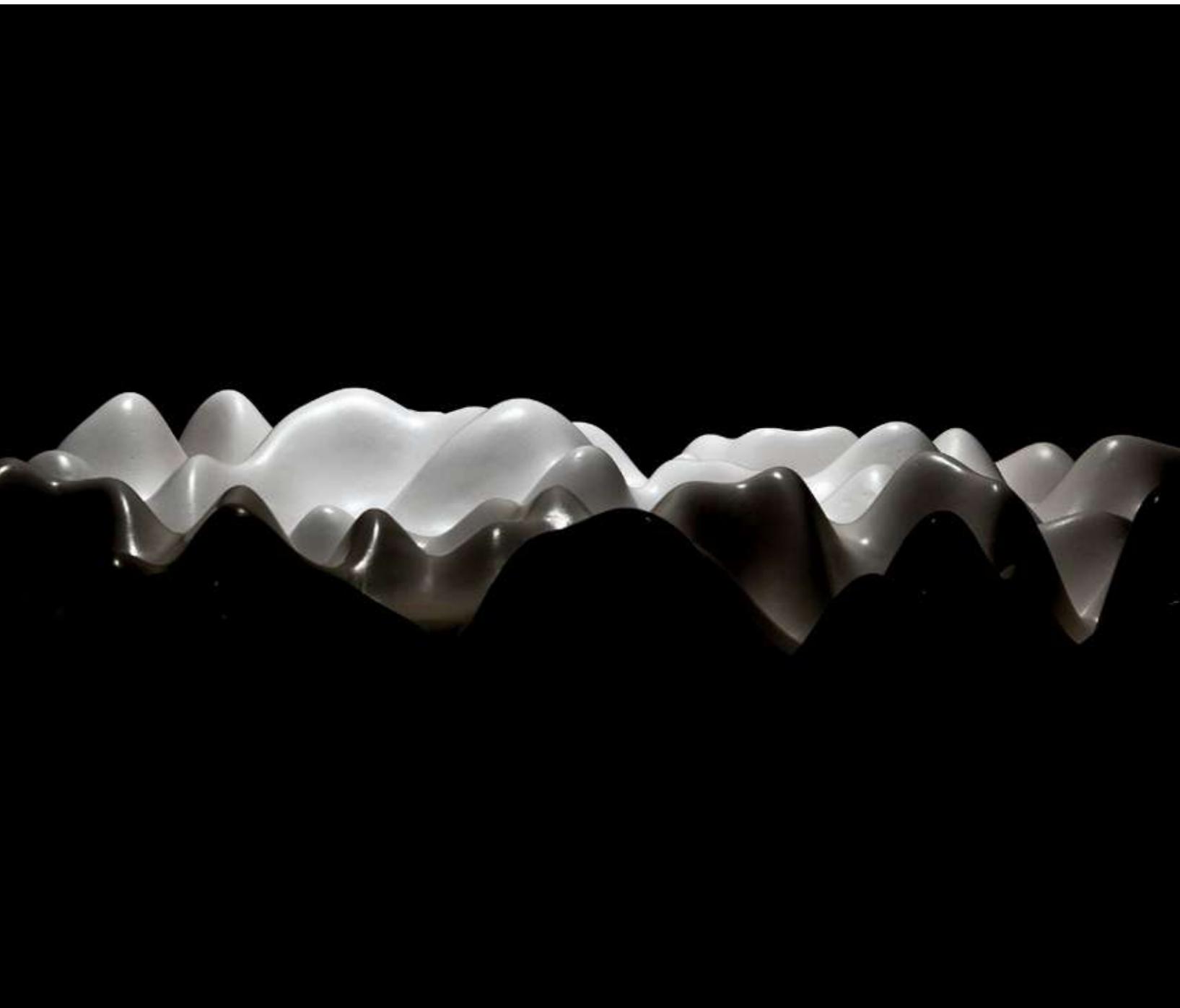
Bass traps are indispensable devices in rooms where a perfect sound is required, such as recording studios, listening rooms or cinema halls. Their absence often leads to an excess or lack of bass, as well as to a strong coloration of the sound. The NyquiBass Trap is a corner bass trap tuned to absorb low frequencies. Depending on the membrane used, the amount and type of absorbing material, and the air gap, we can tune the trap to a specific frequency range (from 35 to 200 Hz). The selection of this range usually requires the determination of the natural resonances of a particular room. The tight casing made of thick MDF and precise manufacturing of the resonance elements guarantee high efficiency of operation.





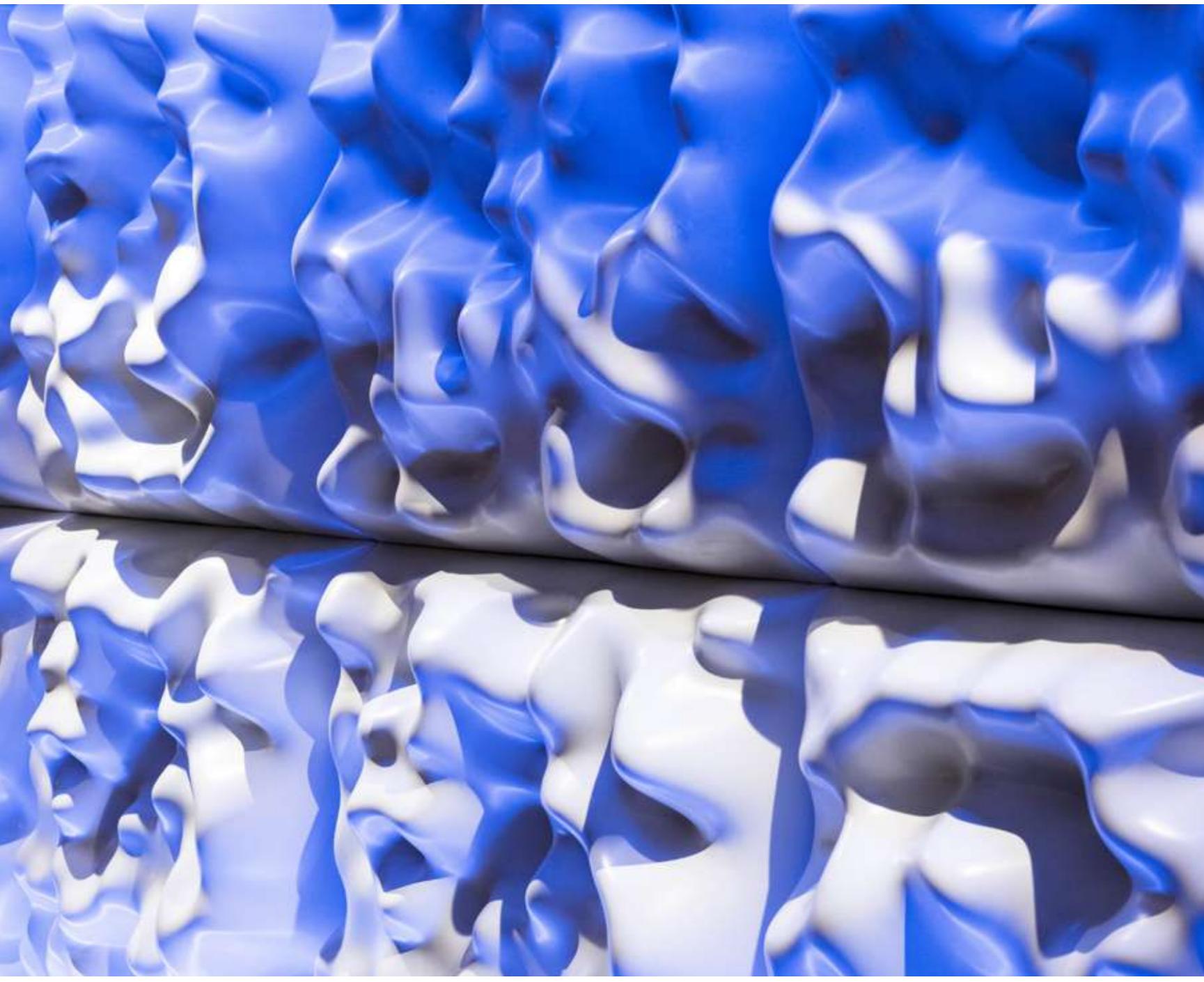
Waterfall Diffuser

NyquiWave is a completely new form of diffusion panel. The irregular shape of the plaster mold is based on a binary pattern of a random sequence of numbers. It deceptively resembles the undulating surface of a calm ocean. The solution is perfect as a system that disperses acoustic waves. Good dispersion of sound waves in a room is one of the most important factors in improving sound quality. In addition, it prevents the formation of a flutter echo and helps to reduce the reverberation time. The diffuser is perfect for correcting mid and high tones. NyquiWave is known not only for its high sound attenuation factor but also for its original design. As a result, it has become the inspiration for many designers and engineers around the world.





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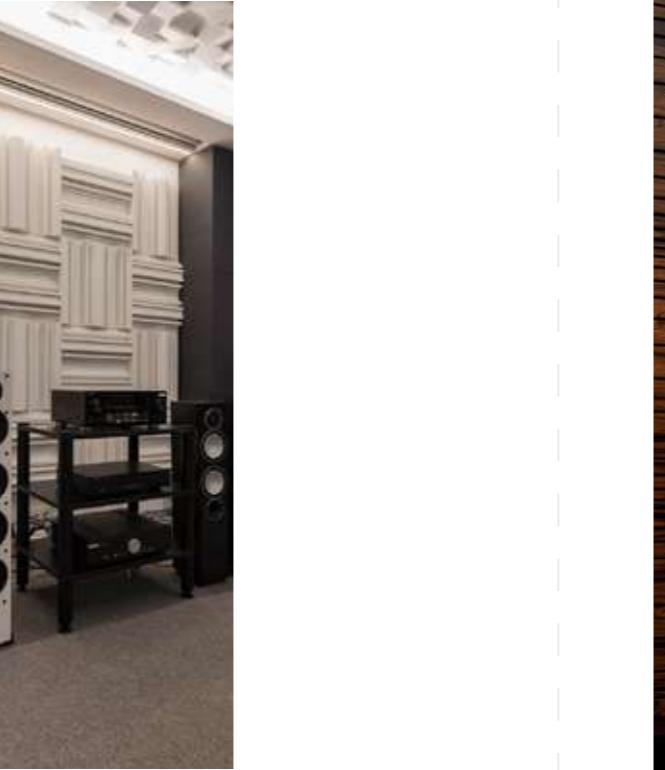


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Omnibounce

The Omnibounce Diffuser is designed to diffuse sound waves evenly in all three planes, creating the effect of a three-dimensional soundstage. Thanks to its unique structure and phase shift, the Omnibounce Diffuser distributes sound not only in space but also in time, which increases its impact. By using a larger number of modules in the appropriate configuration, it is possible to achieve the effect of complete unification of reflections in the room. Omnibounce panels operate in a wide frequency range, making them suitable for studio, listening and home theater applications. Mounted on the ceiling or wall, they make the sound more expressive, natural and free from coloration. The impressive structure and the variety of available color options also make the Omnibounce diffuser a decorative element that gives the room an original look.



SkyLine

Schroeder's one-dimensional diffuser is a classic diffusion panel that is ideal for both professional studios and private home cinema. It owes its popularity to its design, whose mode of action has been mathematically described and whose effectiveness has been confirmed in laboratory tests worldwide. Ceiling or wall mounted, it provides excellent sound wave dispersion in the 1400Hz-7480Hz range, for a wide range of angles, improves perceived sound quality, reduces reverberation time and protects against the formation of flutter echoes. As part of a comprehensive acoustic adaptation, we can prepare a custom panel to meet the acoustic needs of a specific room.





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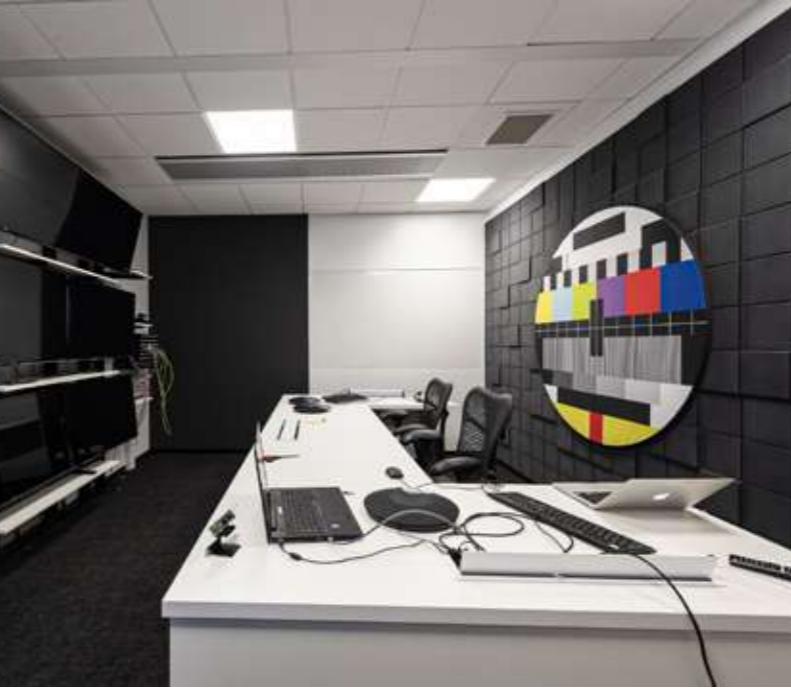


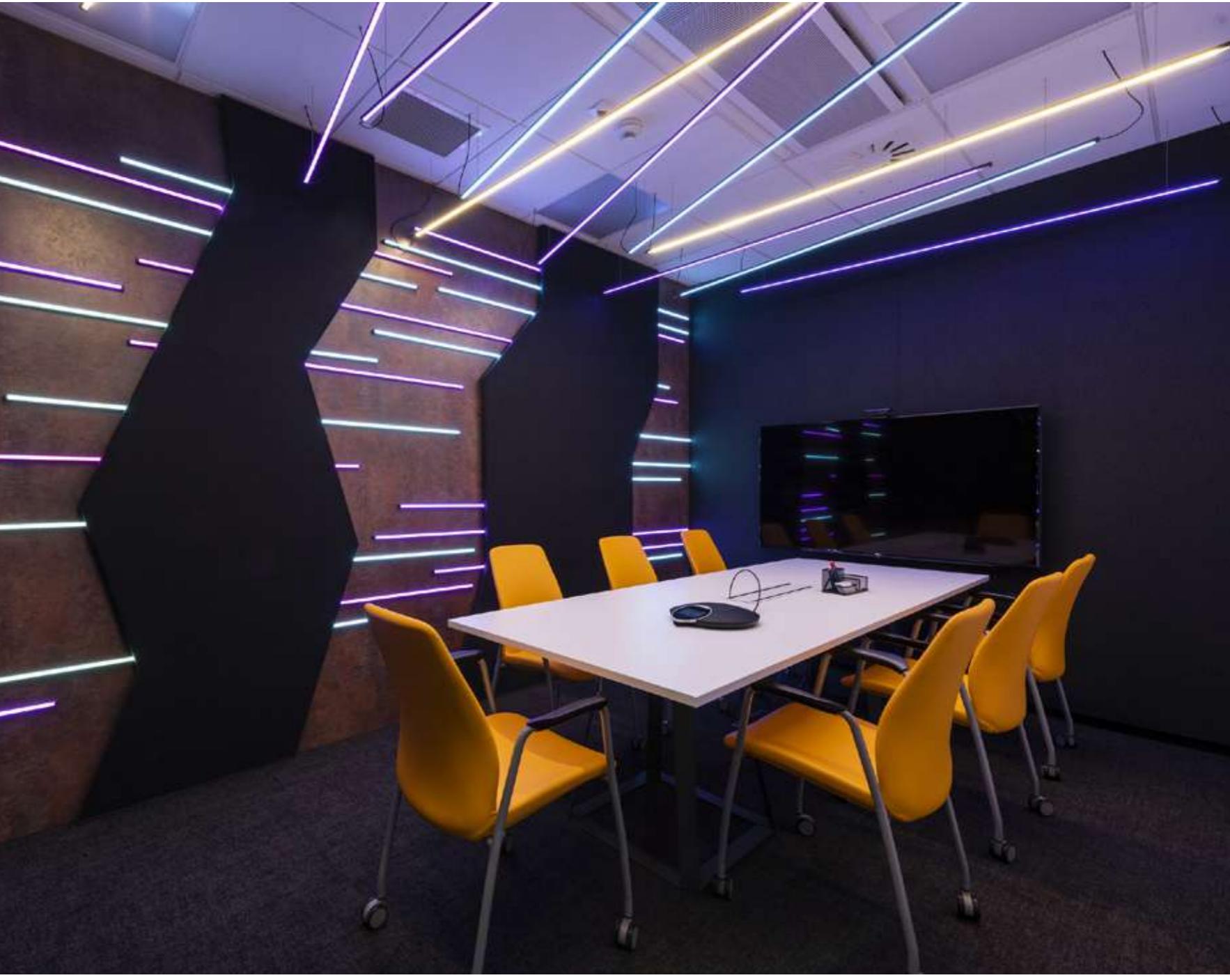
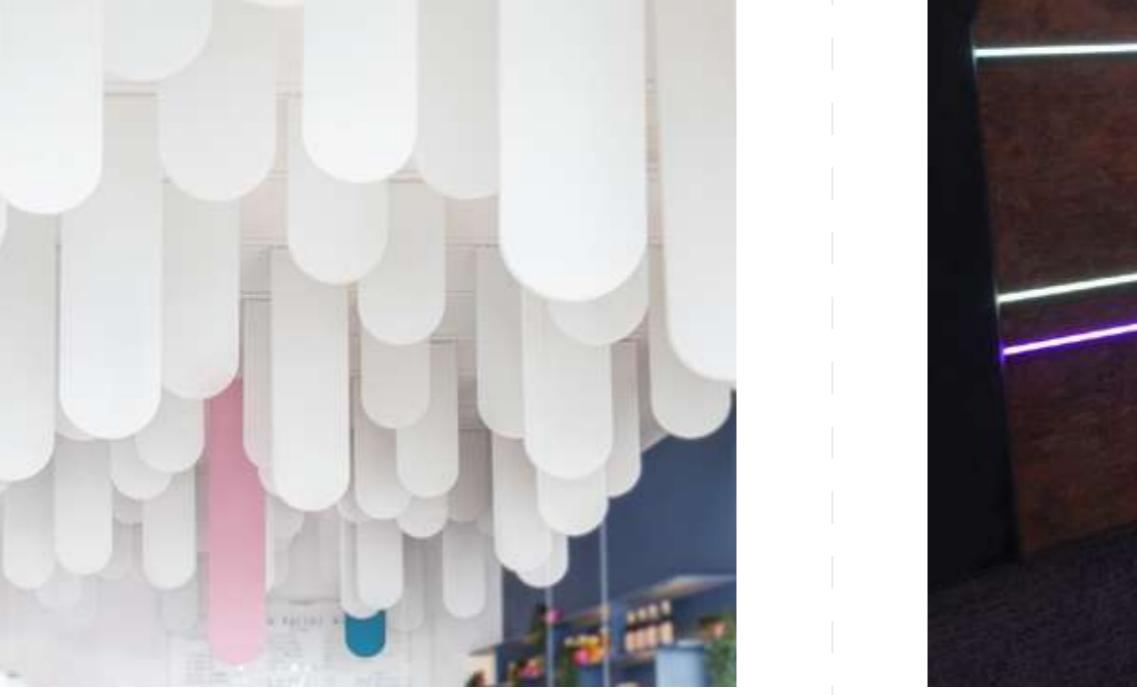
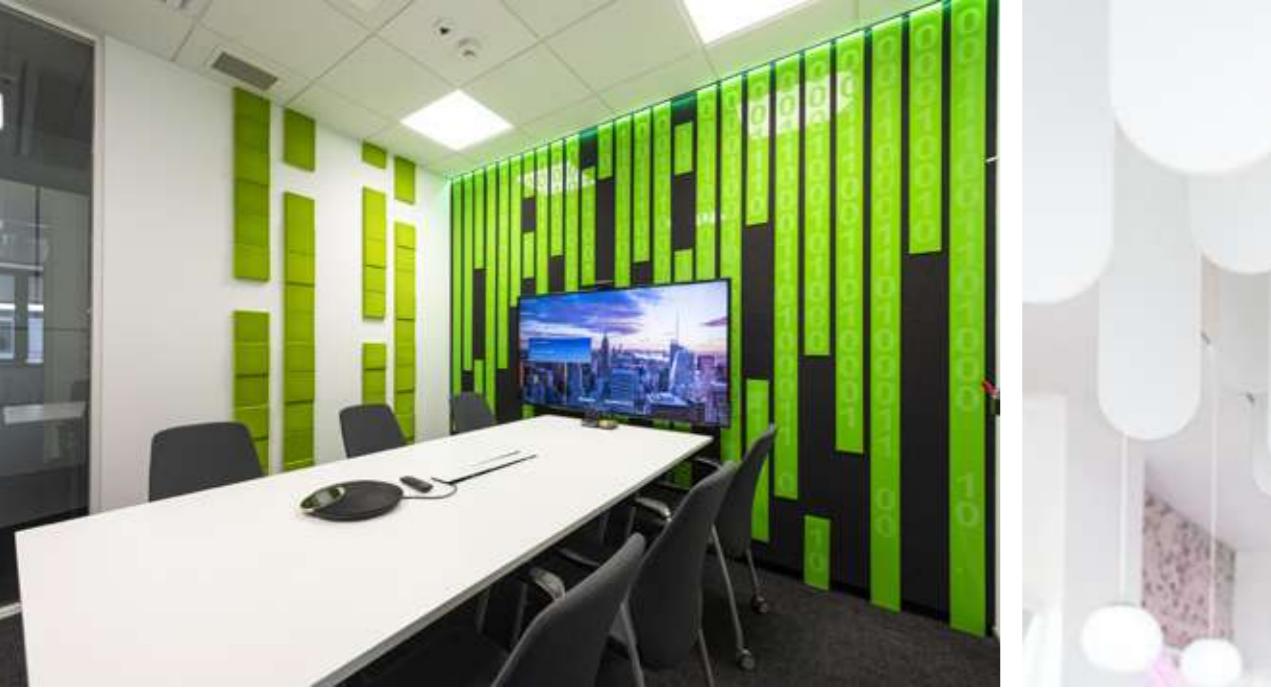
WoodSchroeder 2D

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Bespoke projects







Public utility spaces

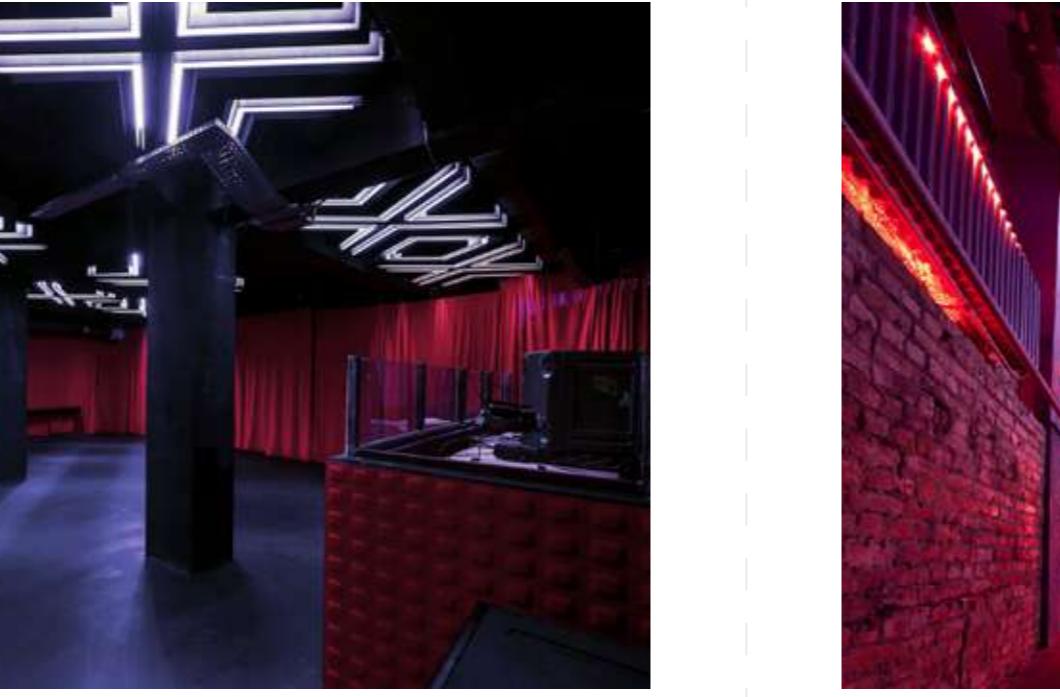
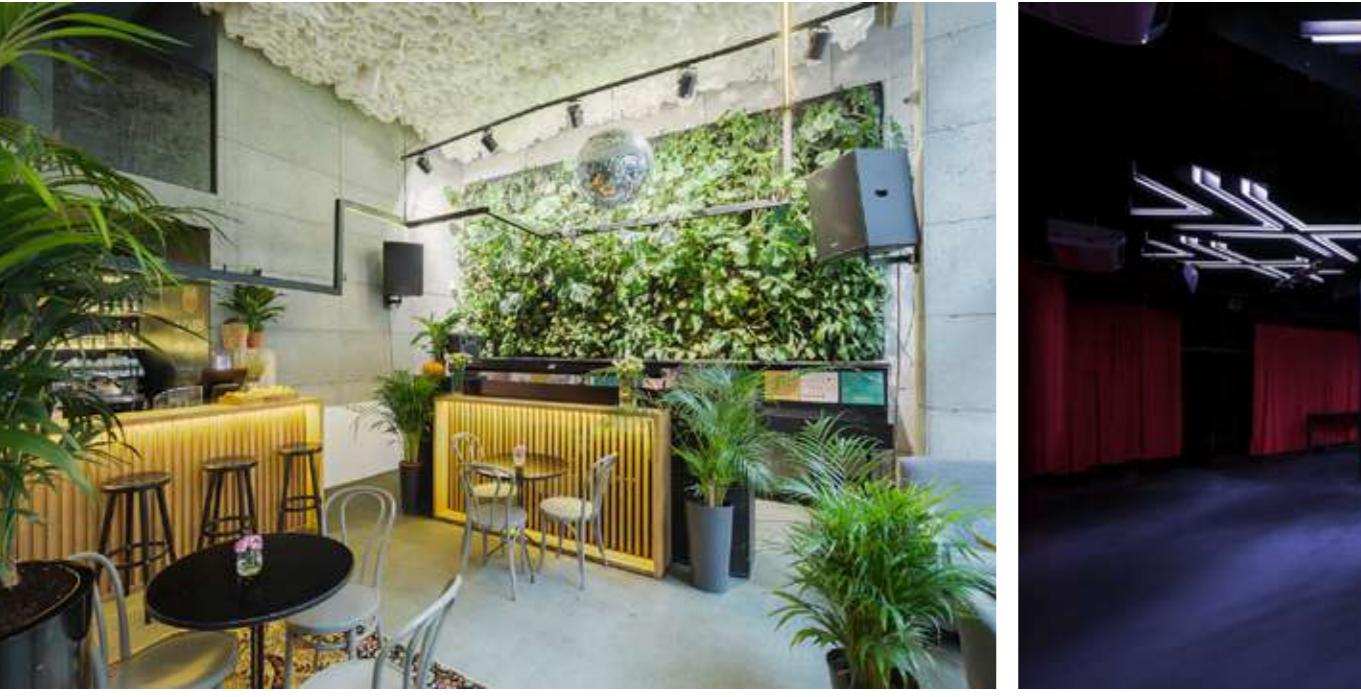
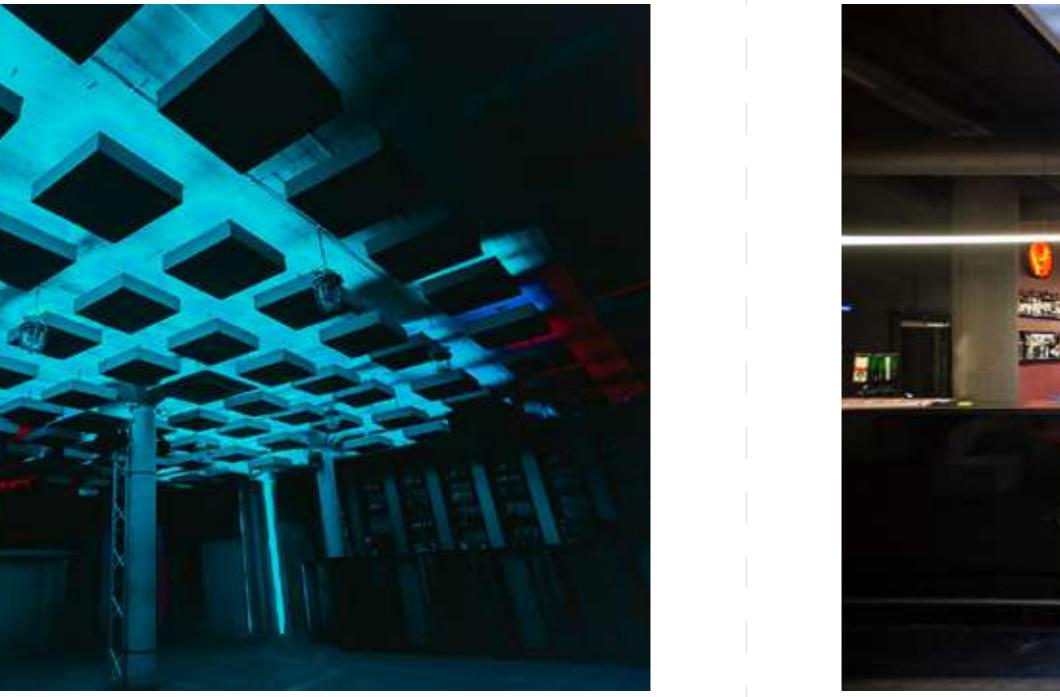
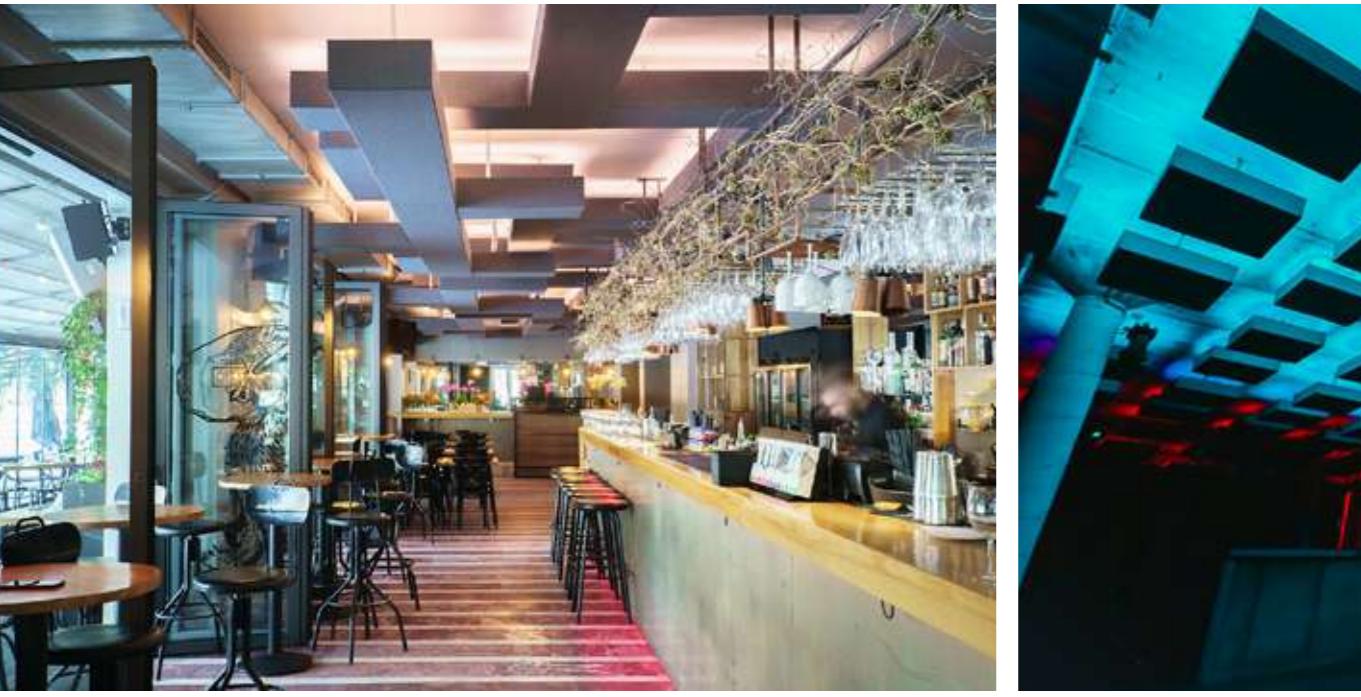




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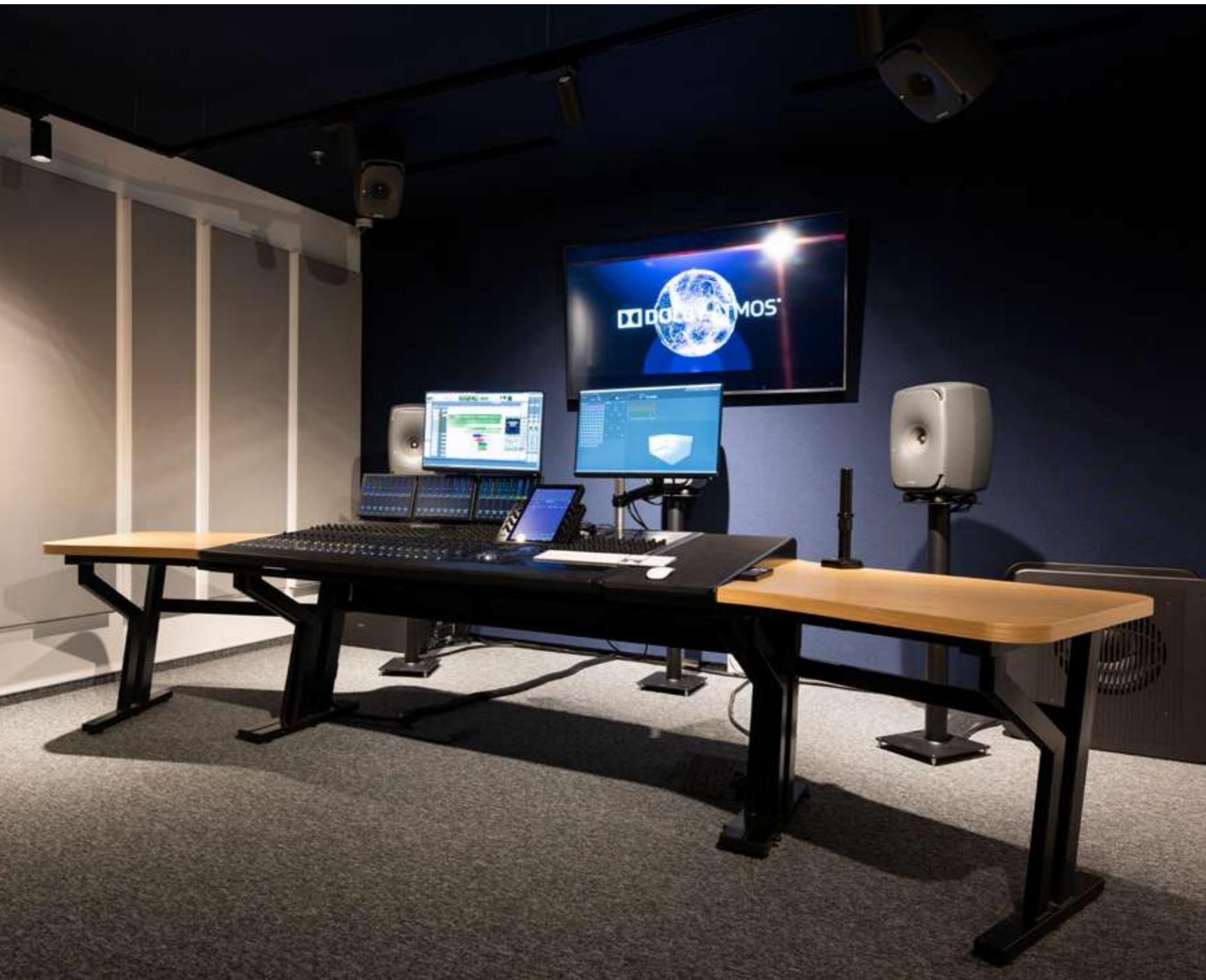
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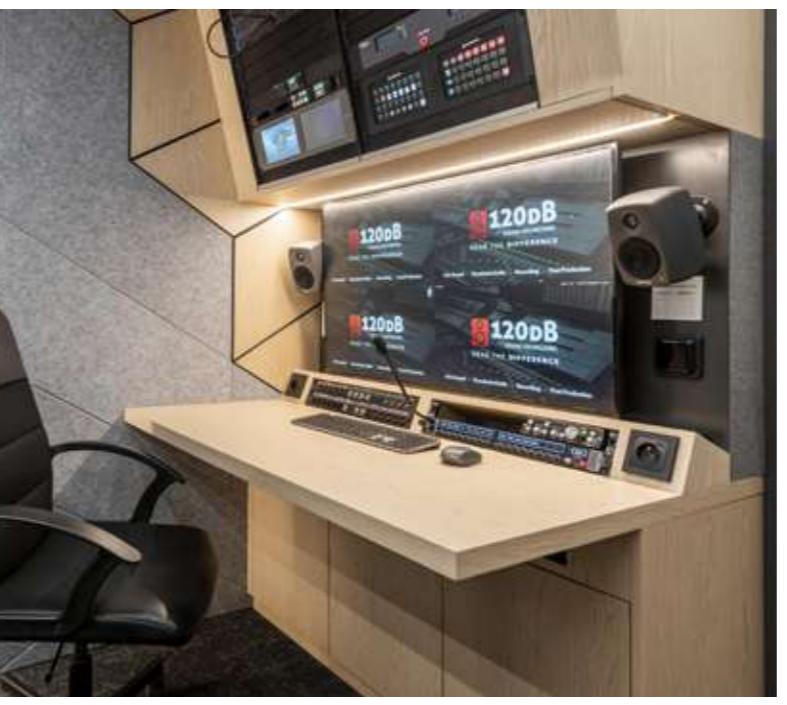
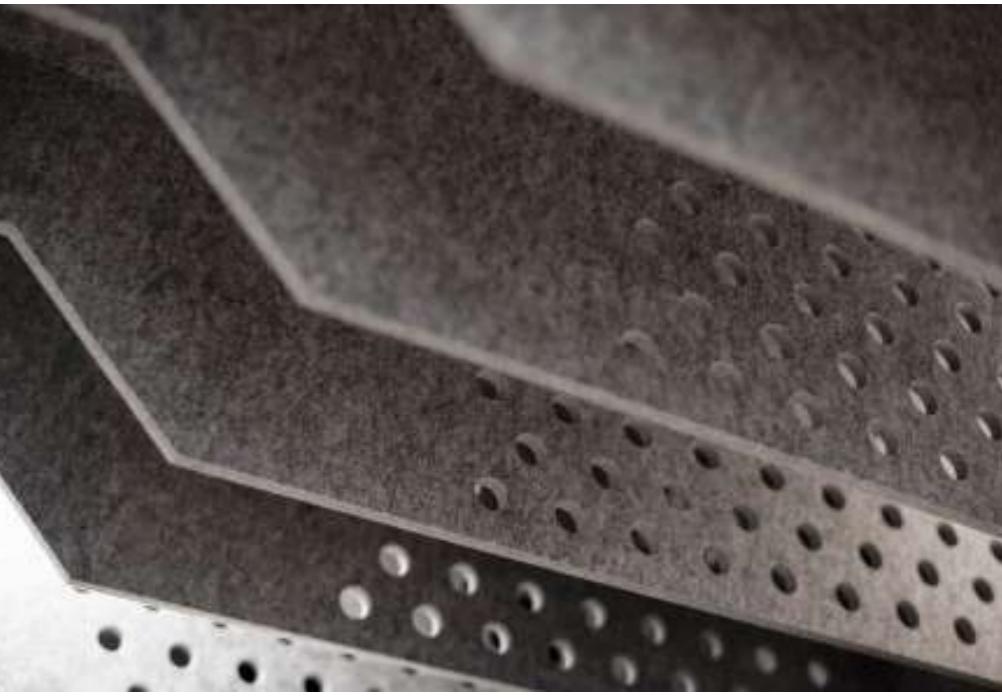
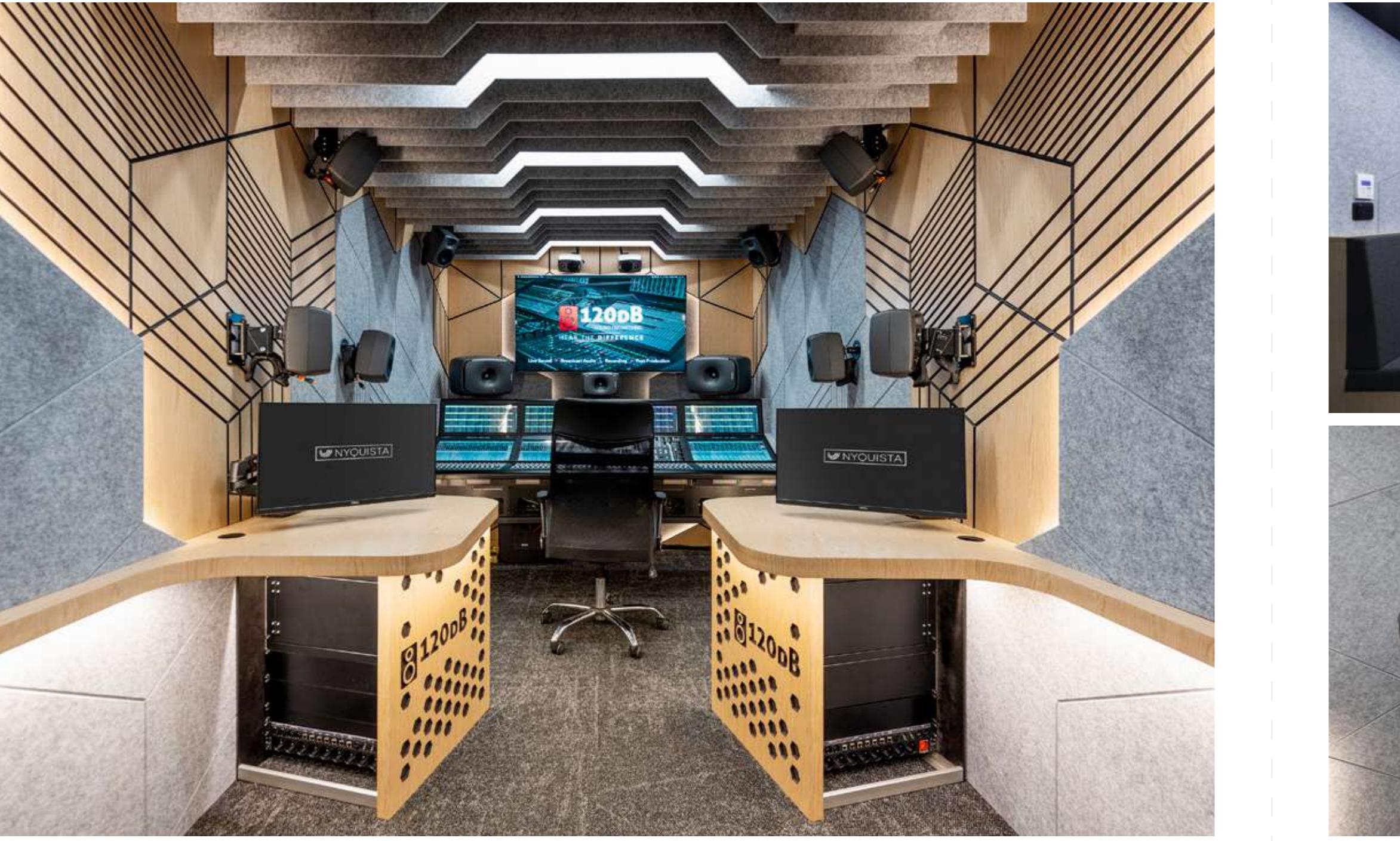


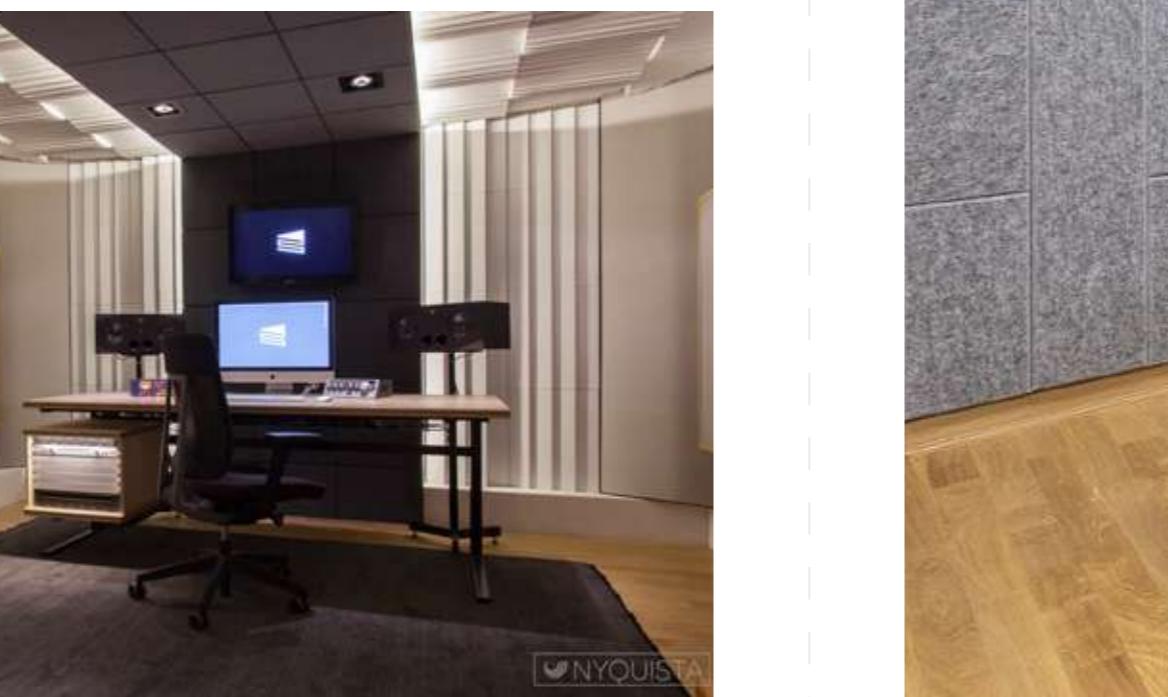
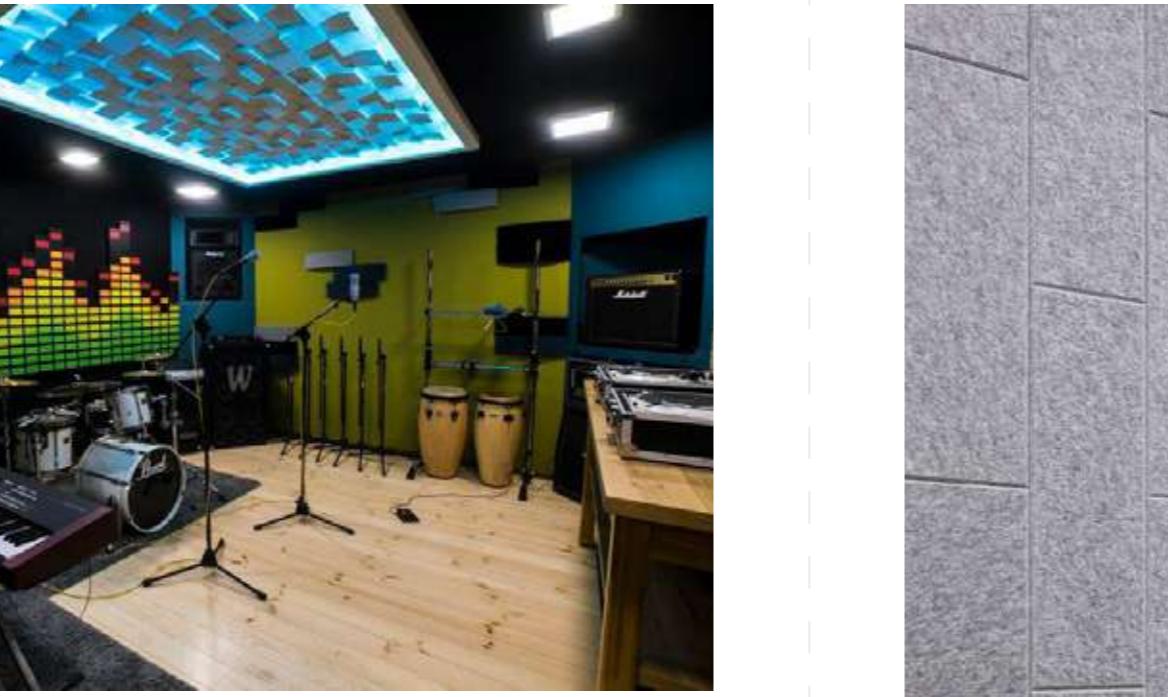


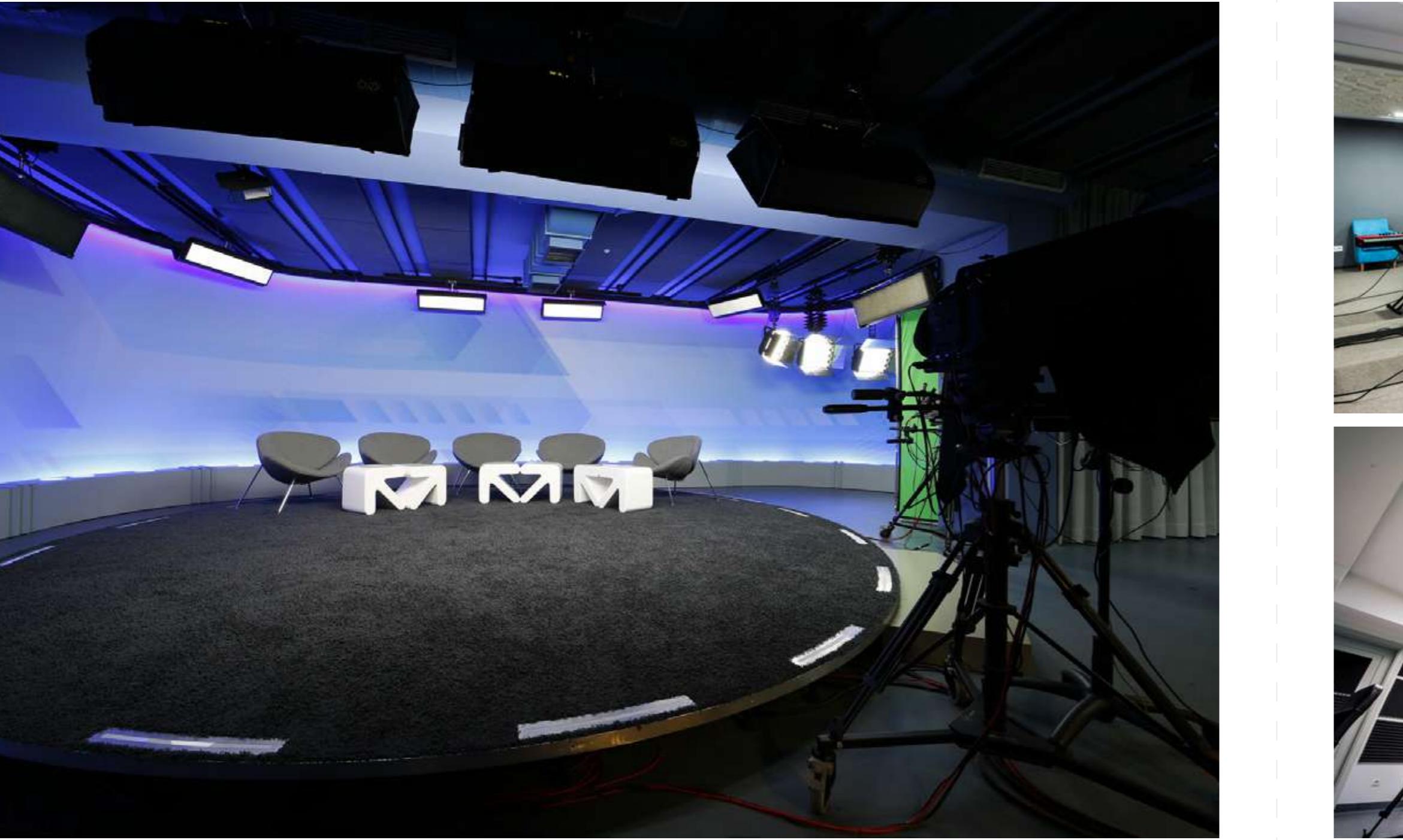
Recording studios

It is difficult to imagine a space more demanding than a recording studio. The most important is the right acoustic project and the right planning of space. The quality of the studio's performance depends on the final effect of the work of the implementers, therefore appropriate simulations and acoustic measurements should be carried out at the design stage to avoid errors. Thanks to this, we will design a studio in which the music plays first fiddle.









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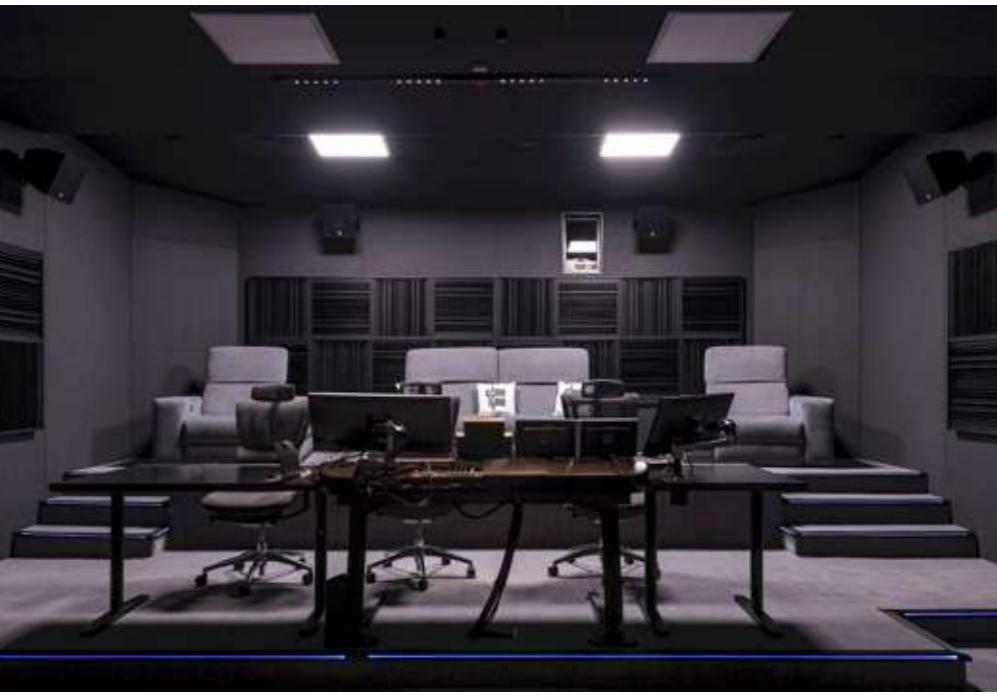
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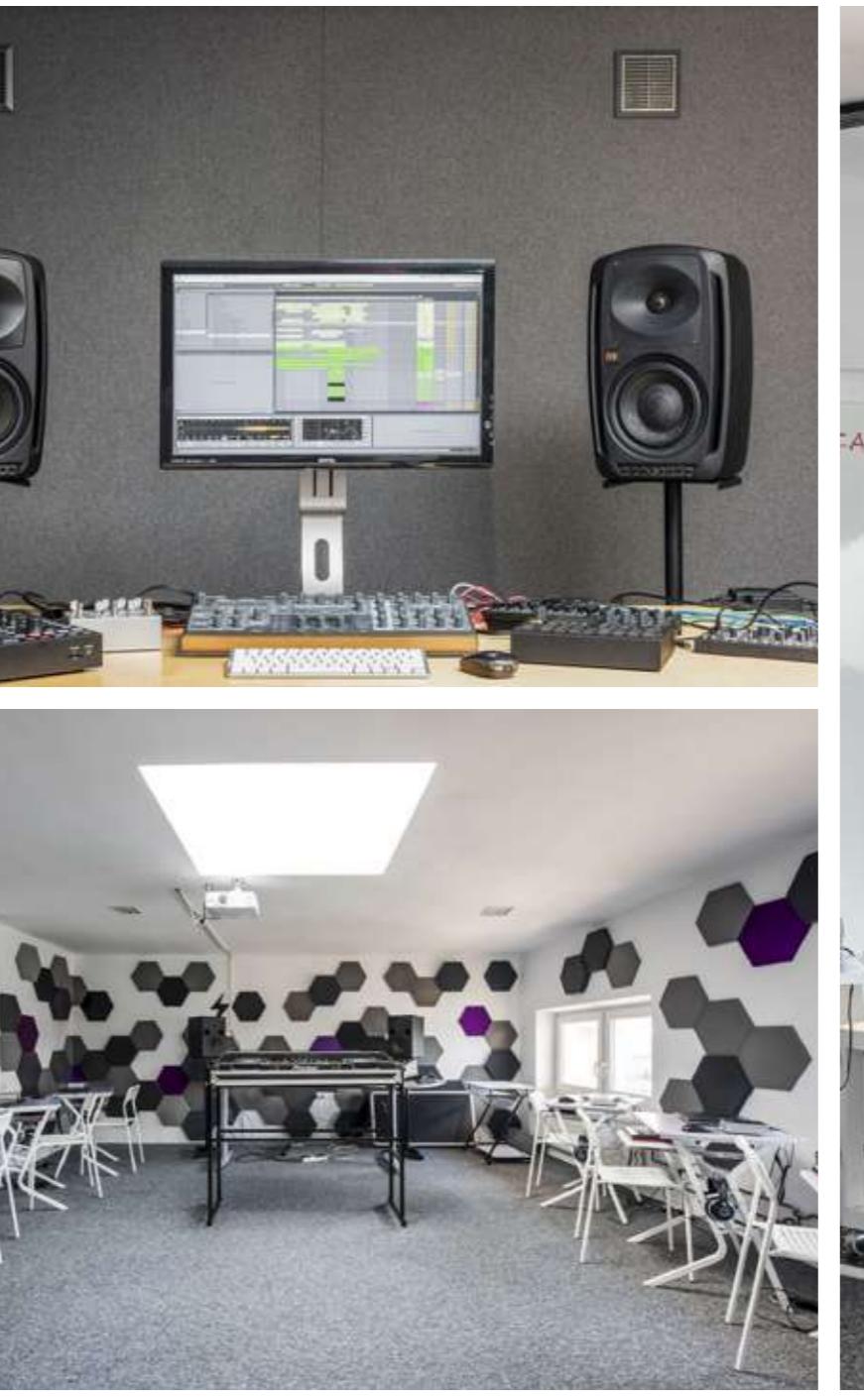
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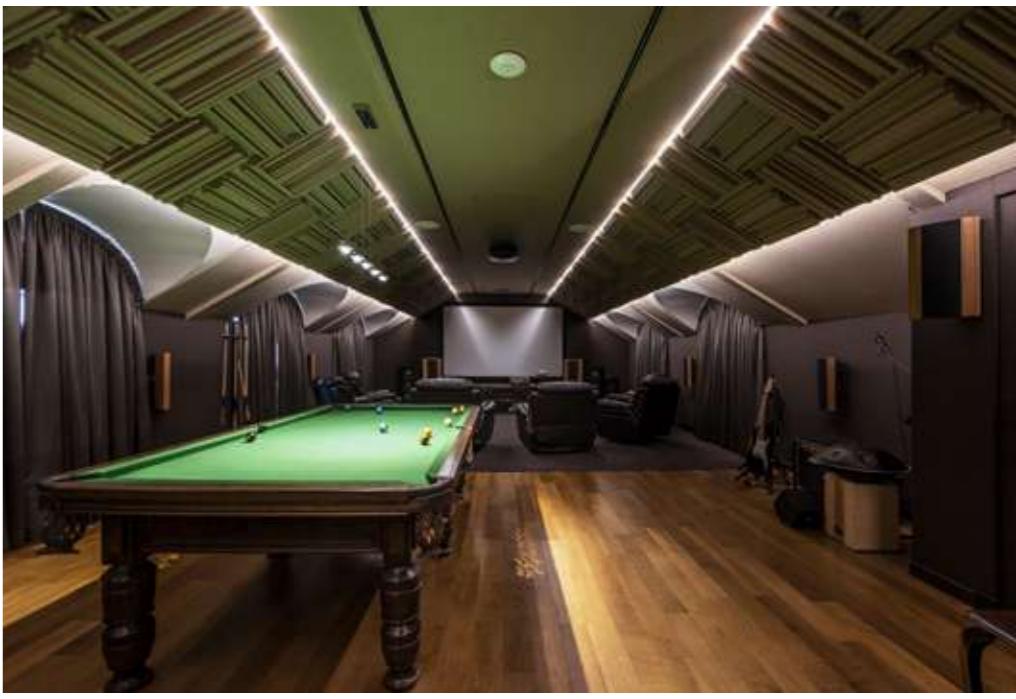
Home cinemas

We know how unique the interaction with your favorite music or movie is for you. Therefore, our mission is to get what is best out of that experience during the screening or listening session. The comprehensive design and performance of our auditorium and cinema rooms is our passion. Regardless of what sound you are looking for, we will help you design and create your dream room.





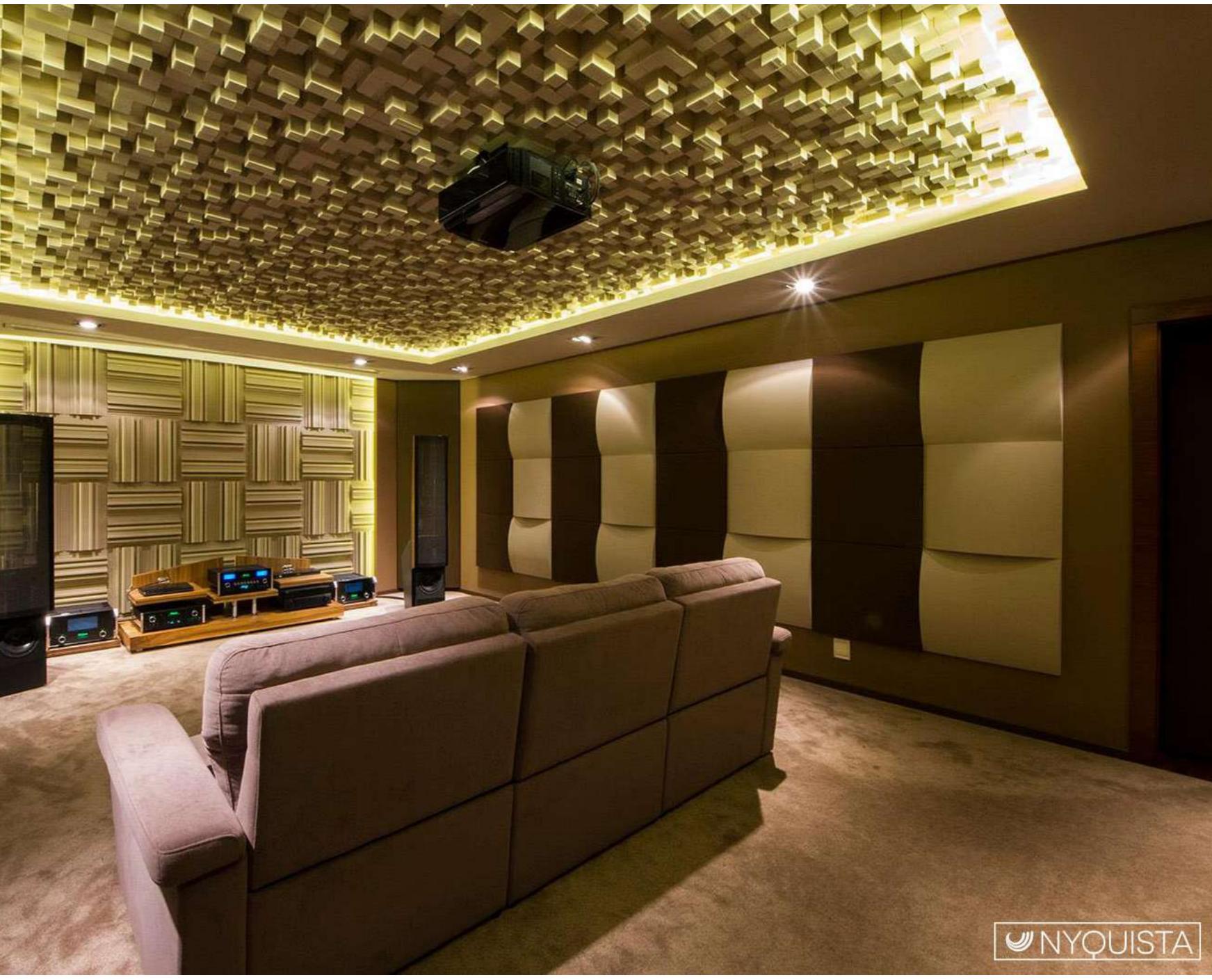
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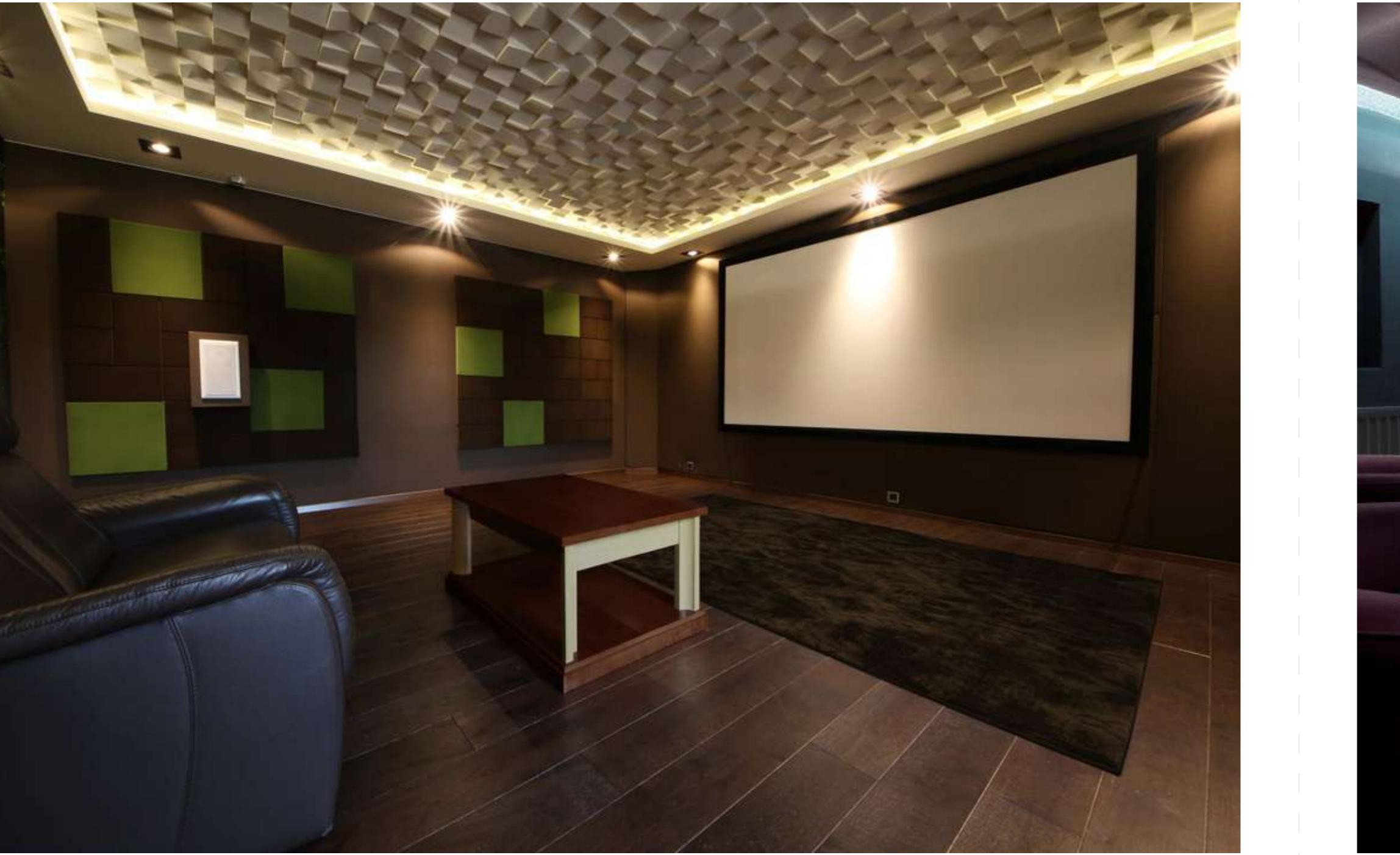
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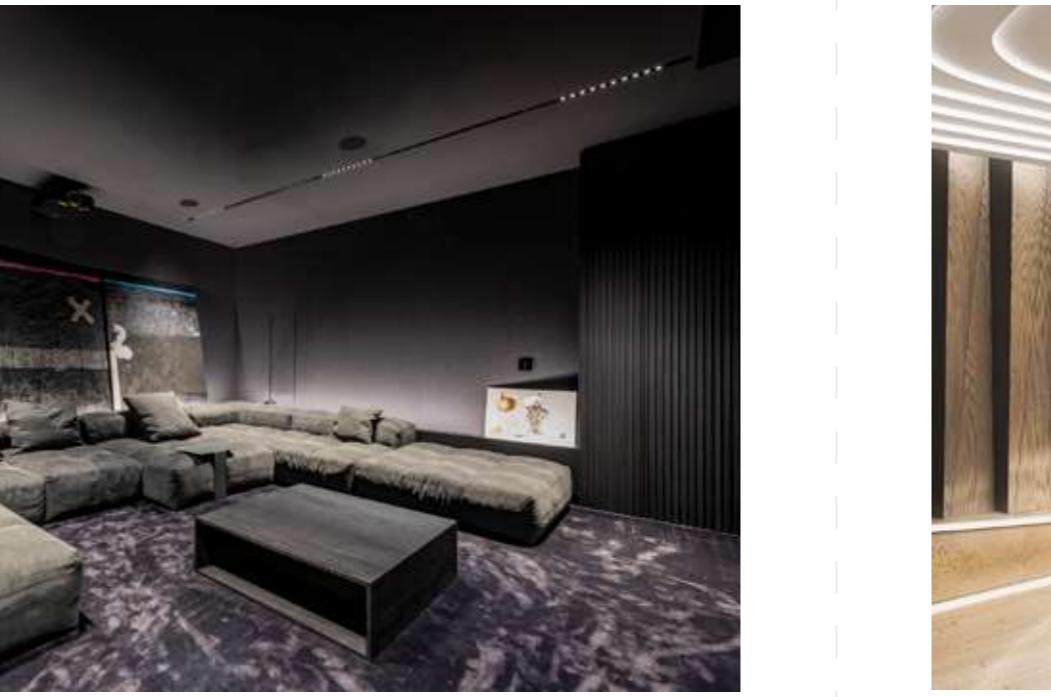
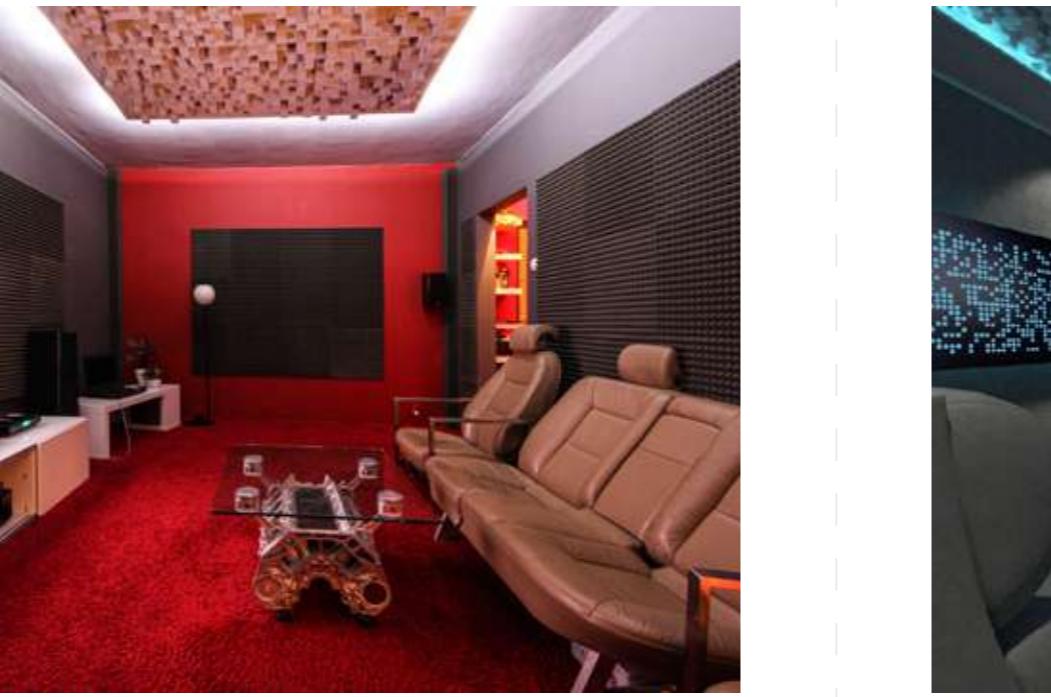
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Industrial





Golf

By combining our experience in interior acoustics, comprehensive room arrangements and passion for golf, the most advanced golf simulator was created. When designing it, we wanted the player to feel the real emotions associated with the game and feel as if they are on a real golf course.





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