



PONGS[®]

Acoustics



THE BEAUTY *of silence*



The topic of acoustics takes centre stage when developing new textiles. Acoustic textiles are a key component of present-day interior architecture. Unlike conventional structurally integrated sound insulation, however, they can be flexibly deployed and swiftly replaced as required, which helps them meet a wealth of changing needs. For ambient sound of long-lasting quality.



A photograph of a modern interior ceiling. On the left, a large, white, spherical light fixture is visible. The ceiling features dark, angular structural beams. To the right, a recessed lighting strip is illuminated, casting a warm glow. The overall aesthetic is clean and architectural.

ARCHITECTURE *with an appealing sound*



Education

Health

Office

New forms of architecture, minimalistic living and professional spheres, encased in surrounding glass and stone often result in substandard acoustics. Acoustic textiles, which masterfully combine form and function, provide an intelligent solution. Within partitions, walls or ceilings which break up and absorb sound waves and have a positive impact on the way we perceive sound. Individually designable. Aligned to specific requirements.



Interior

Hotel industry

Gastronomy



Communication centres on transmitting and receiving. If the room acoustics are limited, for example by excessively long resonance, the sound cannot be received properly. This renders communication impossible. This is a key point, particularly when it comes to education. Messages only reach their intended recipient when communication works properly.



A close-up, low-angle shot of a silver, mesh-covered microphone. The microphone is positioned on the right side of the frame, pointing towards the left. The background is a blurred crowd of people, suggesting a large gathering or event. The lighting is warm and soft, creating a bokeh effect with out-of-focus lights. The overall color palette is dominated by blues and teals, with warm highlights from the background lights.

EDUCATION

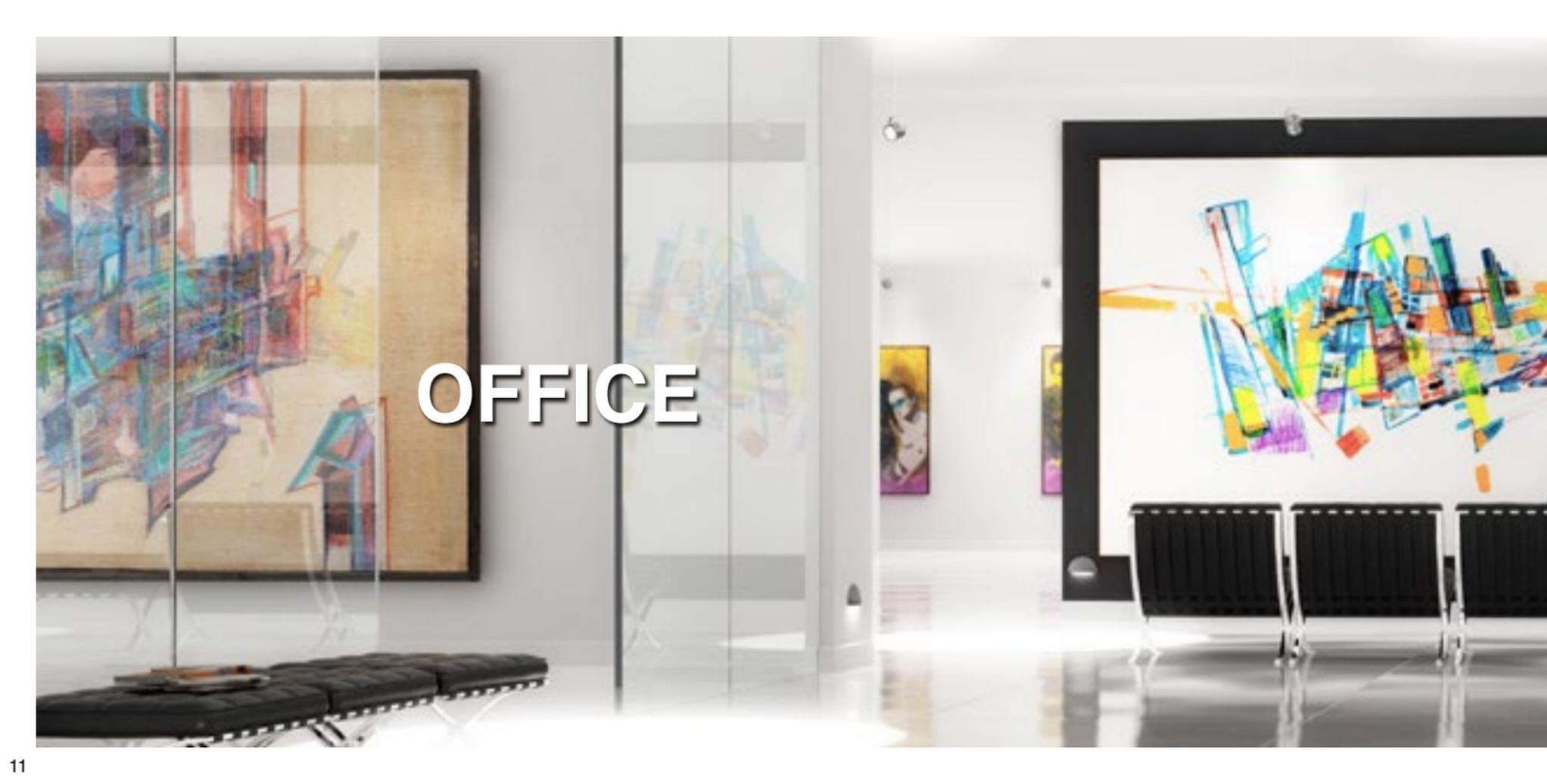


Noise impacts on our well-being. Even unknowingly. Our heart rate increases as the noise level rises. This means, therefore, that people can only get optimal benefit from the inner healing process in a stress-free atmosphere. Similarly, a quiet environment is one of the basic musts to allow doctors and other healthcare staff to focus on their work in medical establishments.

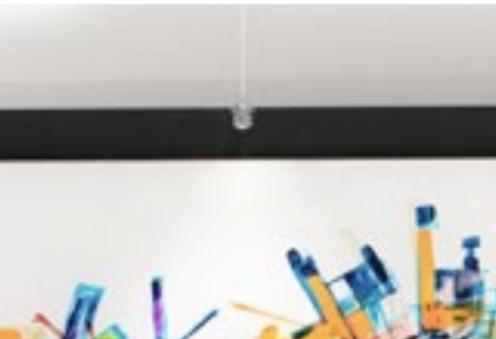


A futuristic, sterile hospital hallway with a waiting area and a gurney. The scene is bathed in a cool, light blue light, creating a clean and modern atmosphere. In the foreground, a row of three modern, white plastic chairs with black seats is positioned against a wall. To the left, a gurney is parked. The floor is highly reflective, mirroring the surrounding environment. The overall aesthetic is minimalist and clinical.

HEALTH

A modern office interior featuring a large, colorful abstract painting on the left wall. A glass partition separates the space, and a black bench is visible in the foreground. The word "OFFICE" is overlaid in white text. In the background, another large abstract painting is displayed on the wall, and a black bench is visible. The floor is highly reflective, and the overall atmosphere is clean and professional.

OFFICE



One of the greatest challenges now facing interior architects is the acoustics of modern, increasingly minimalistic and open-plan objects and offices. This is because noise-reflective surfaces made of glass and concrete prevent unhindered communication. In this field, teamwork, open exchange of ideas and socialising are among the most crucial factors behind workplace success.



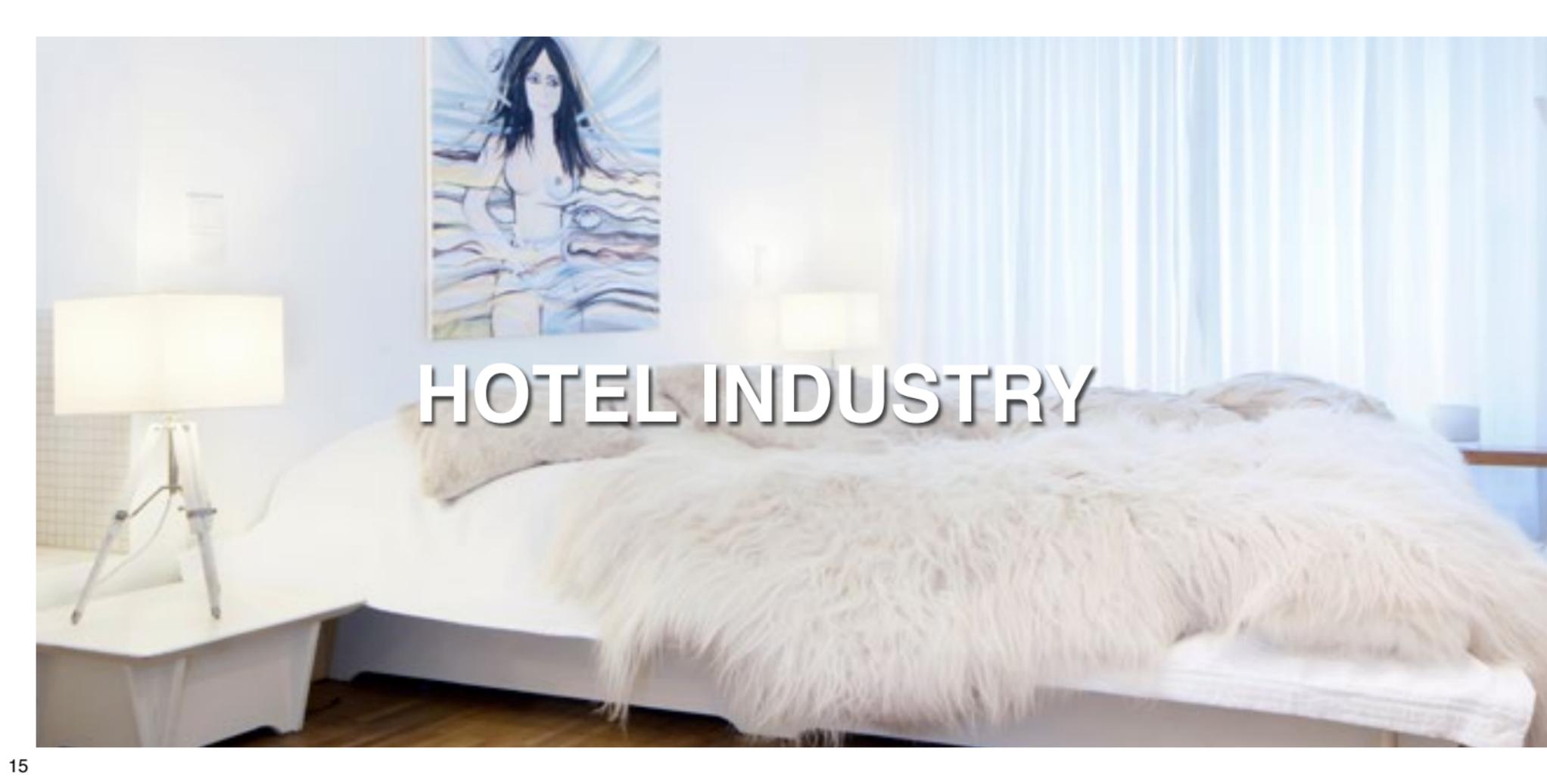
A modern interior design scene. In the foreground, a white fireplace with a black opening and a metal grate is set against a white wall. To the right, a long wooden table with a thick top is supported by black legs. A white, curved, modern chair is positioned at the table. In the background, a large, white, multi-tiered chandelier hangs from the ceiling. The room has a polished wooden floor and large windows or glass partitions in the background. The word "INTERIOR" is overlaid in the center of the image.

INTERIOR



Our home acts as a refuge from our everyday lives. It is also where we want to find our inner balance. It plays a key role in determining our quality of life. The right ambient sound is a very important part of the equation.



A photograph of a hotel room. In the foreground, a bed is covered with a white sheet and a thick, shaggy white fur blanket. To the left of the bed is a white bedside table with a modern lamp that has a white rectangular shade and a silver tripod base. The lamp is turned on, casting a warm glow. On the wall behind the bed, there is a framed painting of a woman with long dark hair, wearing a blue and white patterned garment. The room has light-colored walls and a window with white curtains in the background. The overall atmosphere is clean and modern.

HOTEL INDUSTRY



In Europe, a quarter of the population have their sleep disturbed by noise pollution. Noise signals danger to the body and hinders the overnight recovery process. With all this in mind, designing hotel rooms with optimal acoustic qualities is more important than ever.



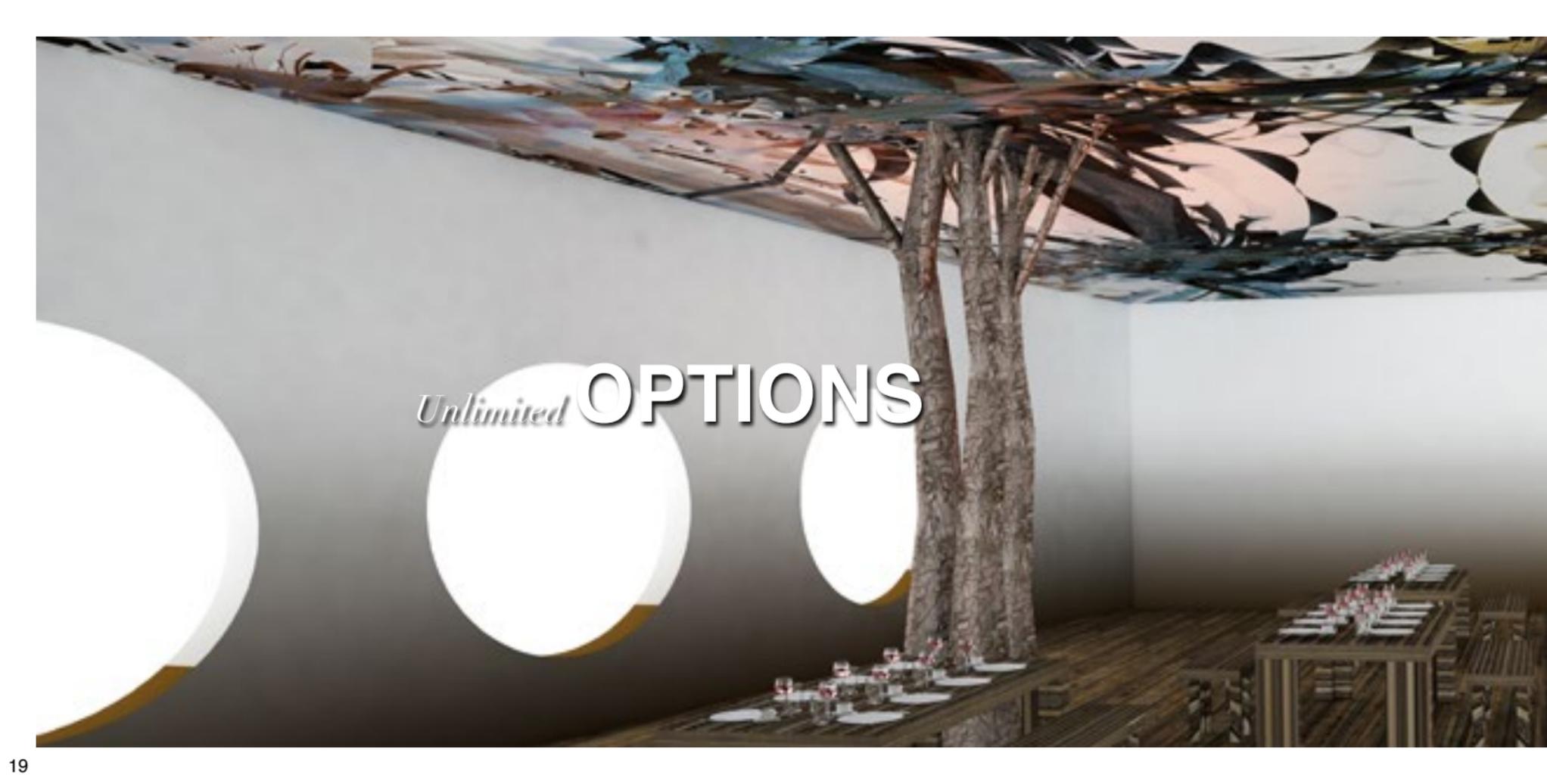
A dining room with a white table, a chandelier, and a large abstract painting. The room is brightly lit with light blue curtains. The table is set with four lit candles. The chandelier is ornate and hangs from the ceiling. The abstract painting is on the right wall.

GASTRONOMY

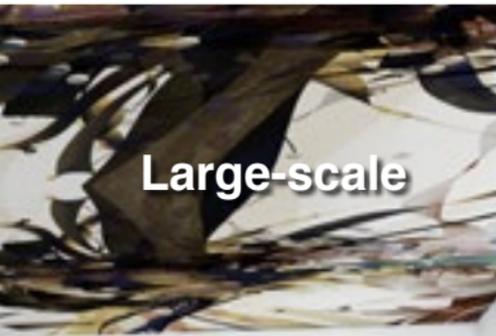


Background noise invariably surges where people meet to converse. But the babble of background chatter prevents linguistic understanding. Rooms in which noises are evenly absorbed, however, present a balanced and appealing impression.

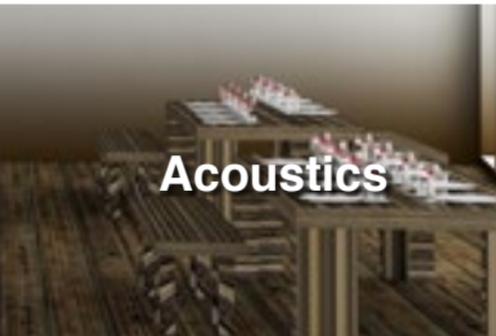


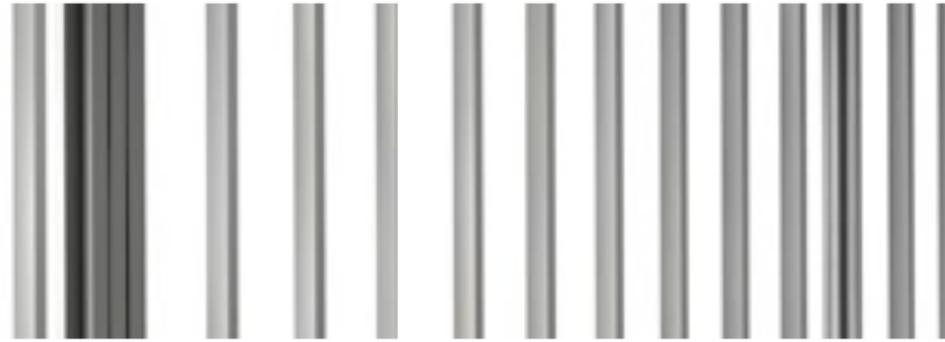


Unlimited **OPTIONS**

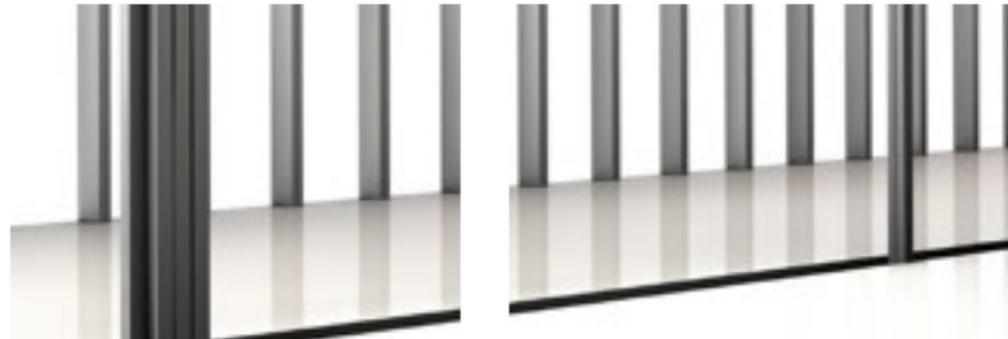


Develop ideas, be creative, think outside the box. Put us to the test: We offer textile printing up to 505 cm wide and virtually unlimited lengths for walls, ceilings and panels. On innovative fabrics with outstanding acoustical properties. This includes DESCOR® PREMIUM acoustic for example, a material which can be laid easily, swiftly and cleanly.





Sound absorption from the floor to the ceiling. We go over and above classic coloured wall designs and pave the way for a whole new array of possibilities with our acoustic textiles. Swift and clean installation, ultra-flexible thanks to the option to adapt textiles, colours and motifs to changing interior decoration requirements. Angles, niches and corners are designed with the same attention to detail as uniform surfaces.





WALL

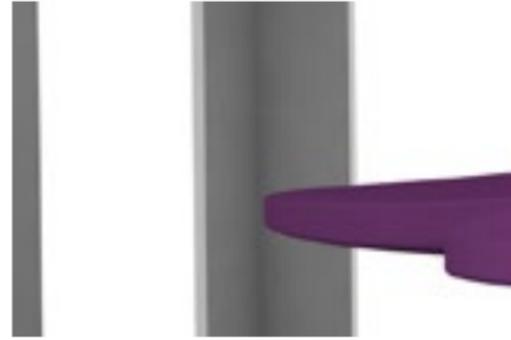
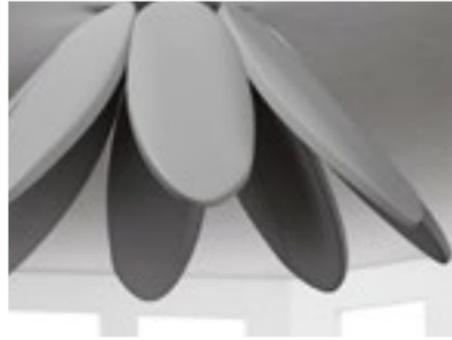
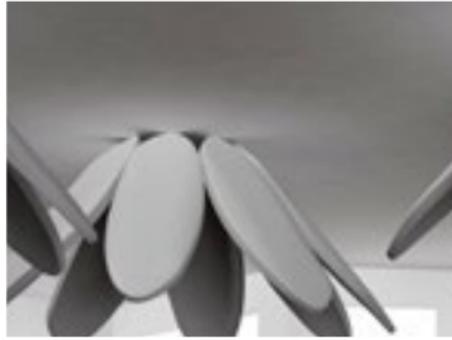
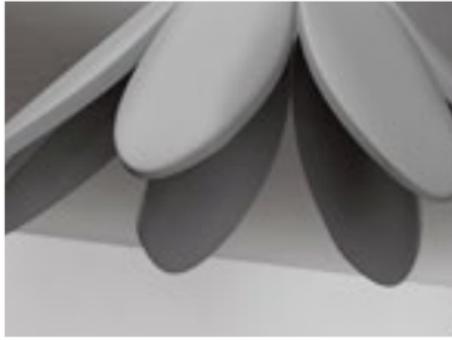


CEILINGS

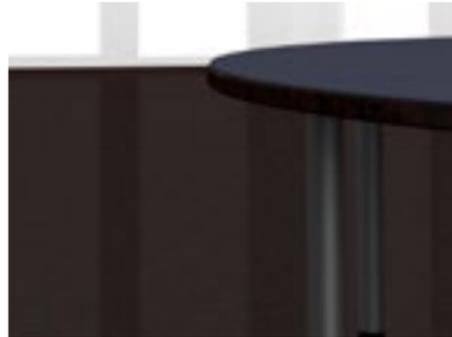
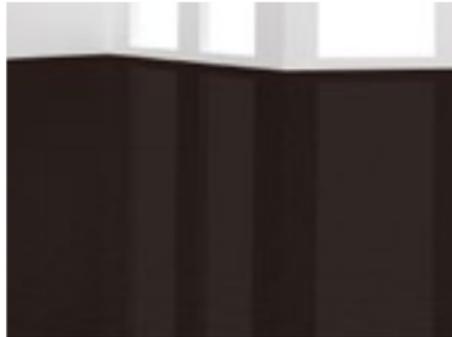


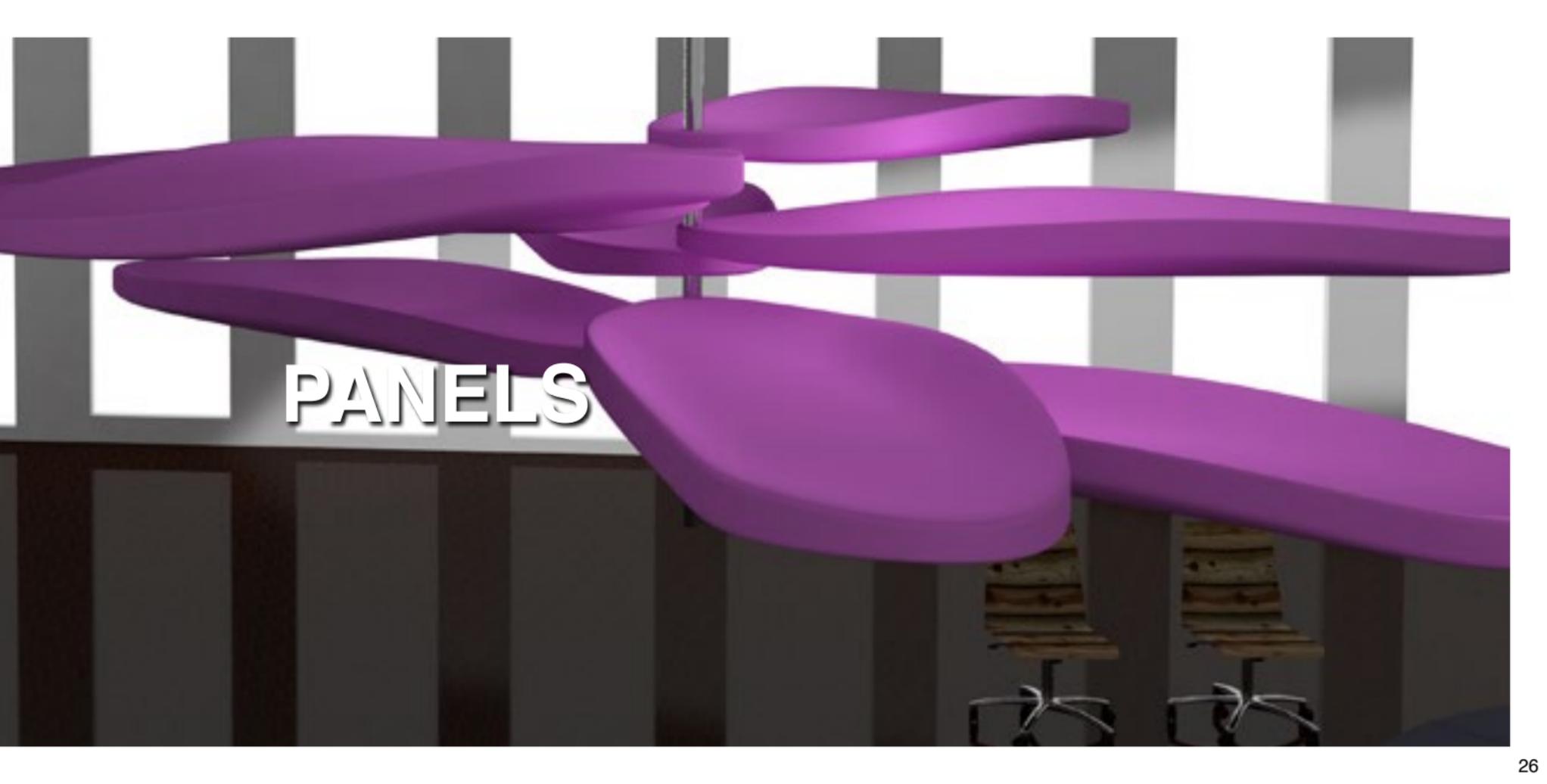
Uniform, custom-made, appealing: Meeting ceiling design requirements in myriad ways with our range of acoustic textiles. Our easy-lay textile stretched ceilings also boast an exceptionally flat surface. Individually printable up to a width of 505 cm and easily replaceable, they offer matchless flexibility to interior architects.





Panels allow targeted acoustic corrections. They can be flexibly deployed, individually or in a modular structure as ceiling suspension, wall elements or privacy screens between workspaces. Covered with acoustic textiles, with individual dimensions and digitally printable, panels offer the ideal combination of function and form.



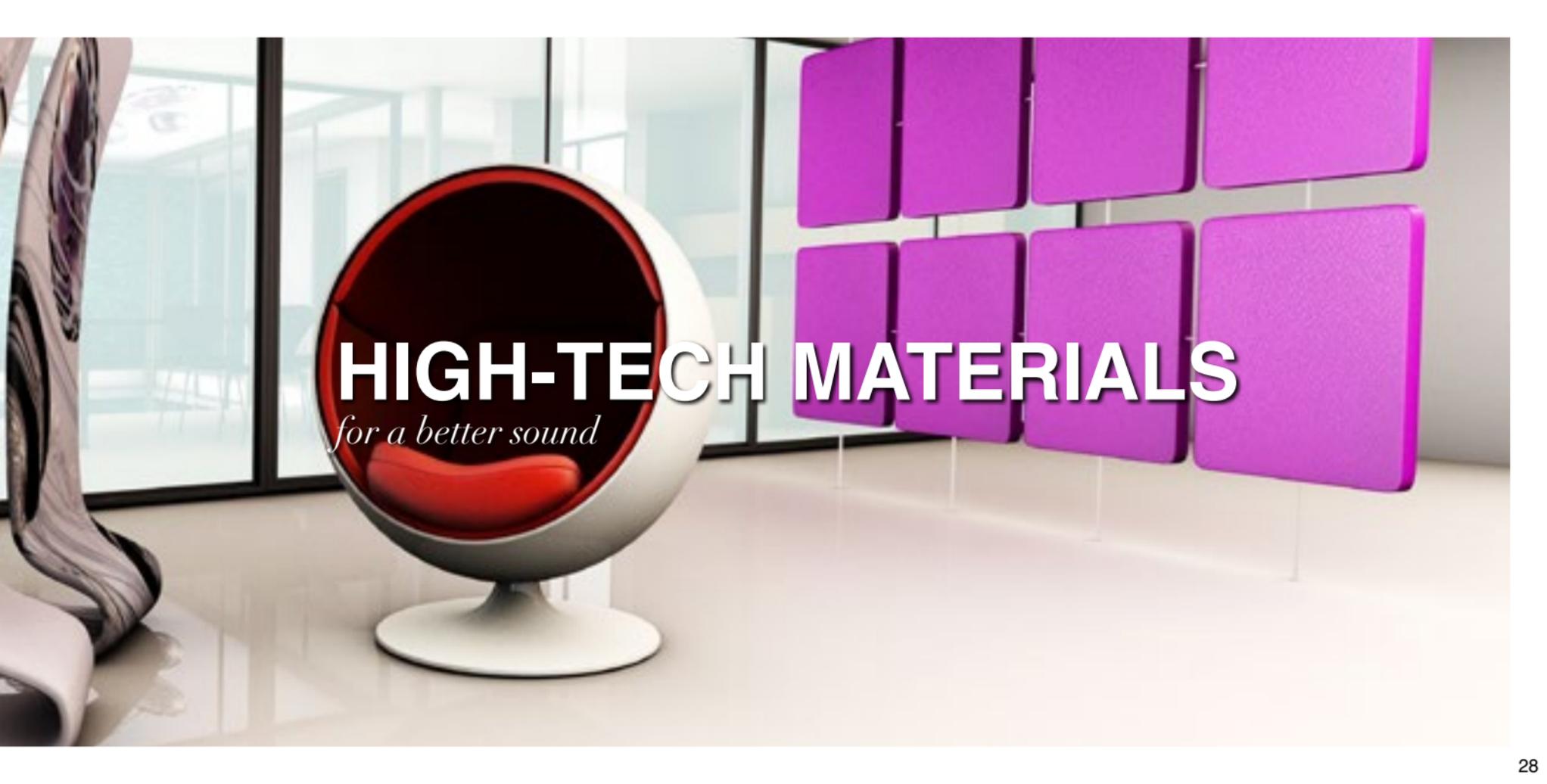


PANELS



The foundations on which we build are the very highest standards. The benchmarks we reference are specific requirements in terms of function, form and design. We adopt a holistic overall approach when using textile products. They are perfectly suited to flexible use and lend themselves to the individual design of walls, ceilings and objects. For even more stand-out features, check out our digital prints, in widths of up to 505 cm and virtually unlimited lengths.



A modern interior scene featuring a white spherical chair with a red interior, a wall of purple acoustic panels, and a large window. The text "HIGH-TECH MATERIALS" is overlaid in the center.

HIGH-TECH MATERIALS

for a better sound



SILENCIO[®] *The aesthetics of calm*



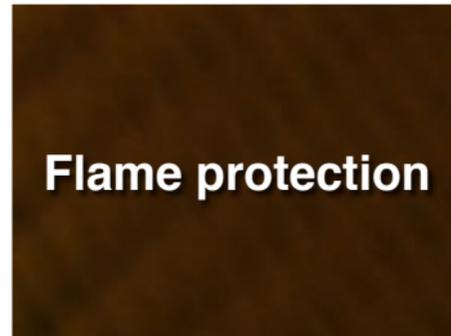
**More than
20 colours**



Trevira CS®



Flame protection



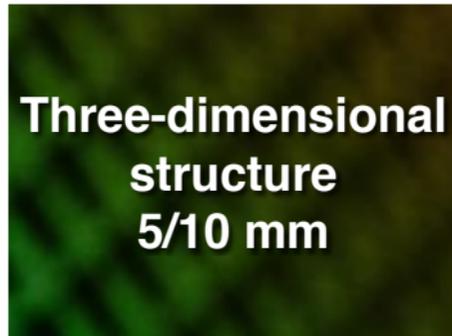
An acoustic fabric with a distinctive three-dimensional surface, which absorbs as well as breaks up sound waves and generates sound pleasing to the ears in the process. It unites function and aesthetics in unique fashion, can be digitally printed in high resolution and is ideally suited for a design-oriented interior decoration taking acoustic aspects into consideration. Produced from permanently flame-retardant Trevira CS®.



**Digital
print
medium**



**Three-dimensional
structure
5/10 mm**



**Broadwoven
fabrics
up to 505 cm**





A flexible and light acoustic material, offering the highest-ranking sound absorption class A while remaining exceptionally soft to the touch. Thanks to a special weaving technique, the surface of the textile appears the same from any angle. Look no further than AKUTEX® when it comes to covering objects. Available in 16 modern colours. Individual digital printing options also available.



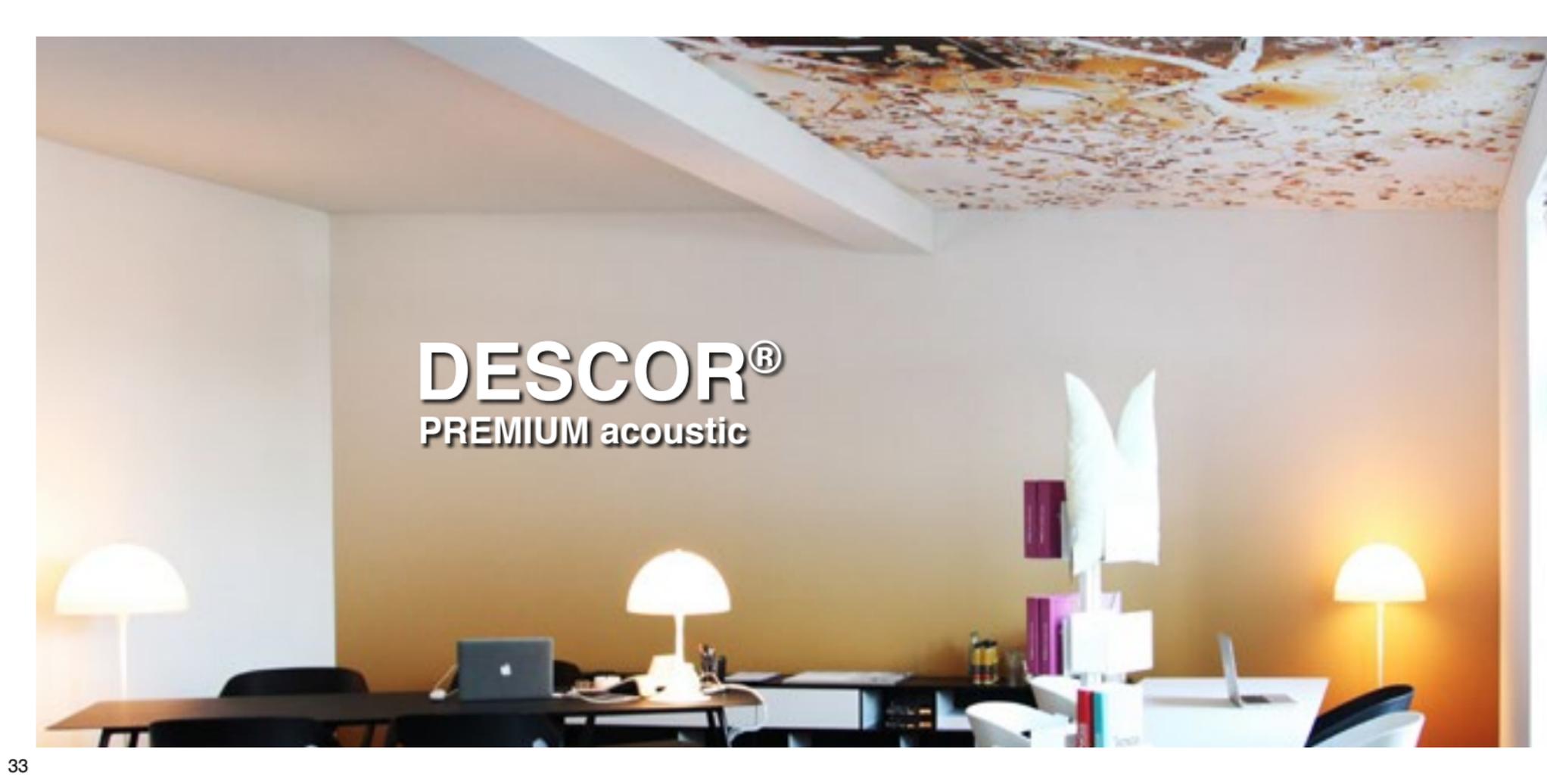


PONIGS[®]

TOUCHING THE LIMITS OF TECHNOLOGY AND DESIGN

AKUTEX[®] *Colours, colours, colours!*



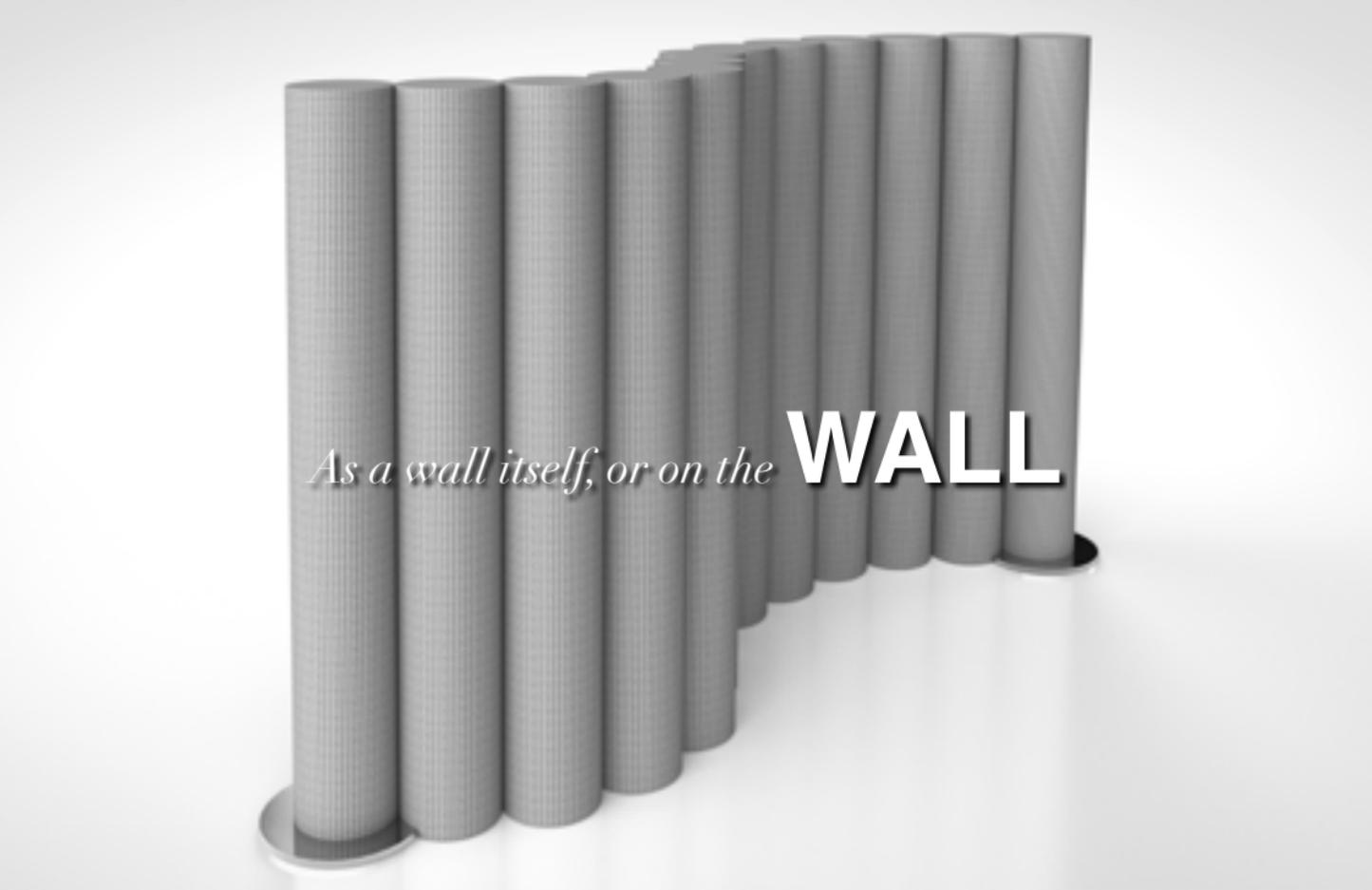


DESCOR®
PREMIUM acoustic

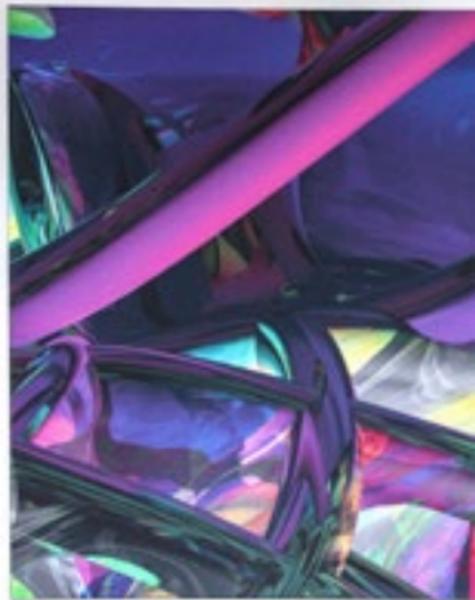


An innovative acoustic material, in the top sound absorption class A and with outstanding product features. A PU foam coating improves not only acoustic but also insulation properties. DESCOR® PREMIUM acoustic is available in black and white shades. Also – by request – digitally printable up to a width of 505 cm and offering virtually unlimited length. IMO-certified, which means it is also perfect for shipbuilding.



A 3D rendering of a wall composed of vertical grey cylinders. The cylinders are arranged in a slightly curved line, receding into the distance. The scene is set against a plain white background with a subtle gradient. The word "WALL" is written in large, bold, white capital letters across the middle of the cylinders. To the left of "WALL", the text "As a wall itself, or on the" is written in a smaller, italicized font.

As a wall itself, or on the **WALL**





Designed to function as a conventional screen, but with built-in added value. The acoustic screen is freely positionable and also malleable as required. Offering unrivalled flexibility, wherever it is deployed.

Our acoustic images combine artistic skill with function: Aesthetic sound absorber. Printable with your choice of motif.





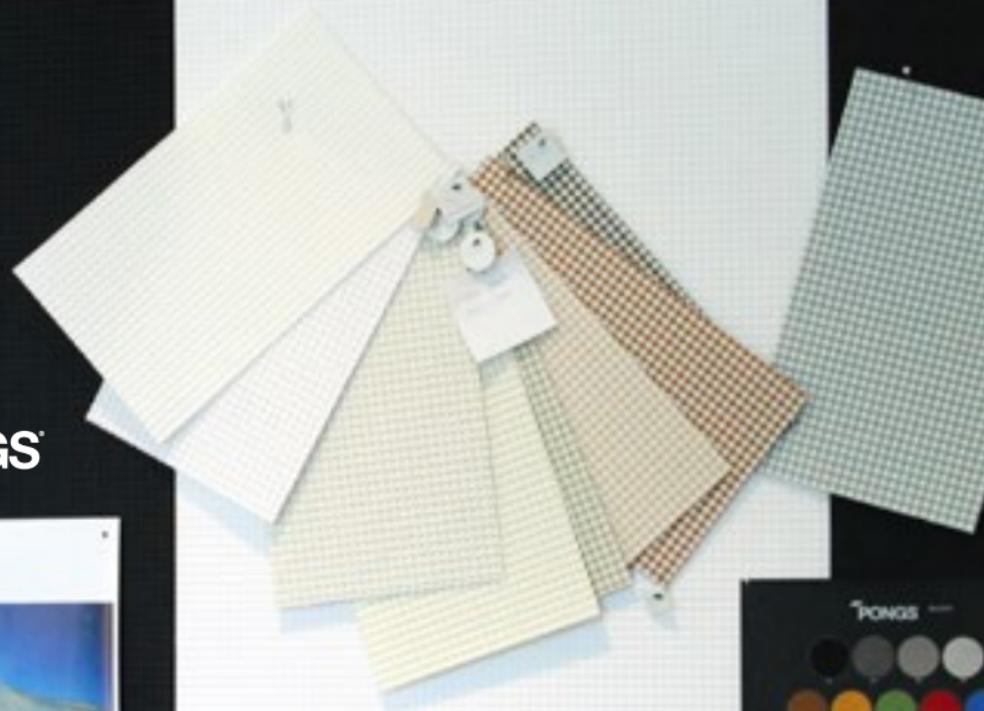
raumplus *and* **PONGS®**

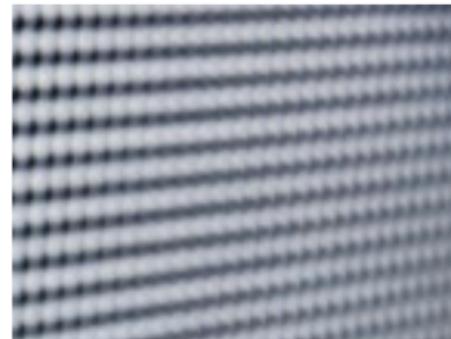
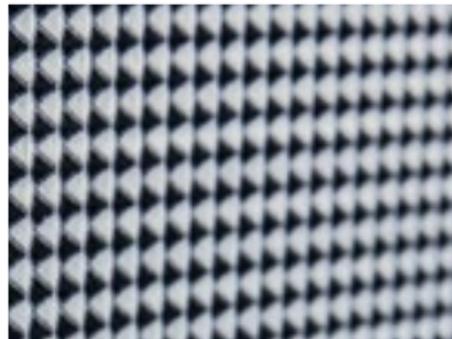
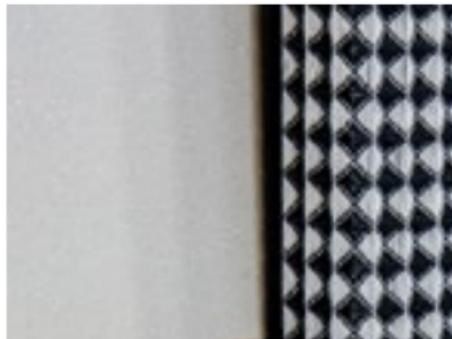


Raumplus is synonymous with intelligent room design featuring sliding doors. For cabinet and storeroom solutions or partitions in residences, hotels and offices. We now extend the system by incorporating an extra function: Filling with our acoustic textiles helps create aesthetic sound absorption areas, which can also be digitally printed on request.

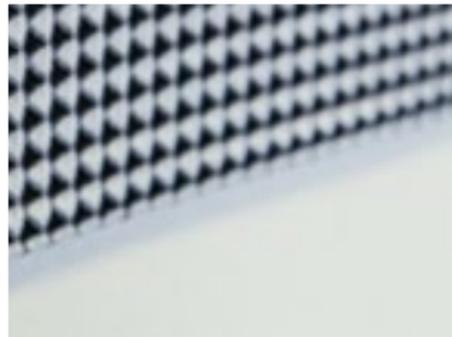


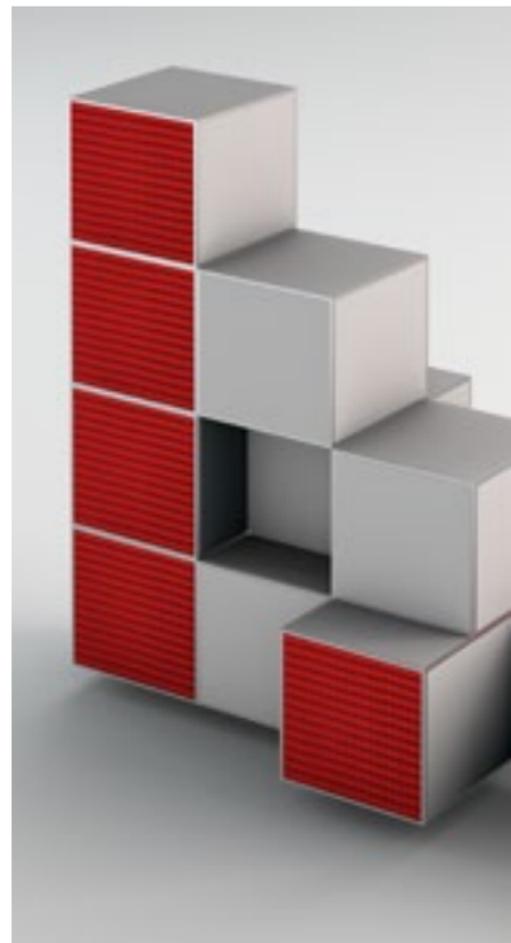
PIN IT *by* PONGS





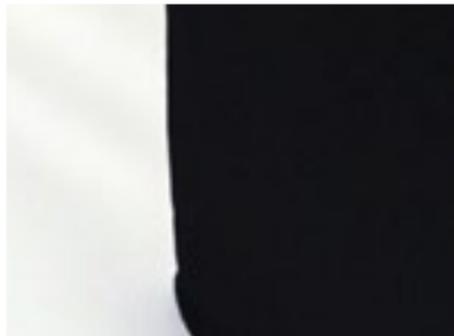
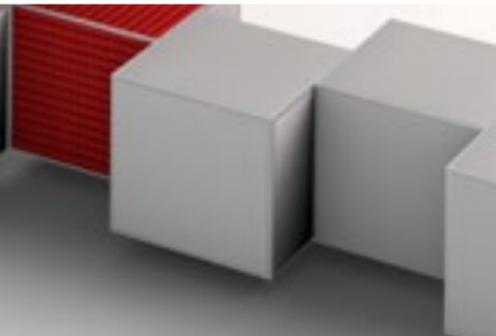
Aesthetics in the square. A pin board serves to facilitate communication. Our pin boards enhance communication, since their decorative visuals conceal an intelligent product: The SILENCIO® acoustic textile helps ensure quality ambient sound. Individually printable and available in a range of formats.



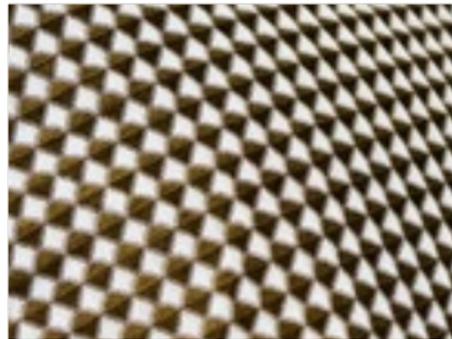
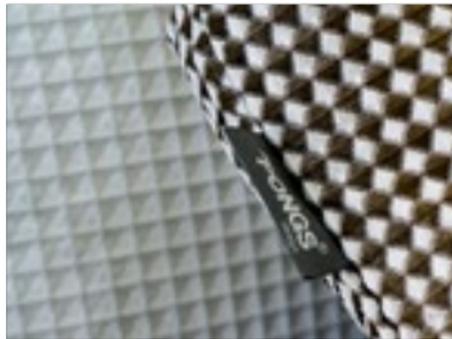




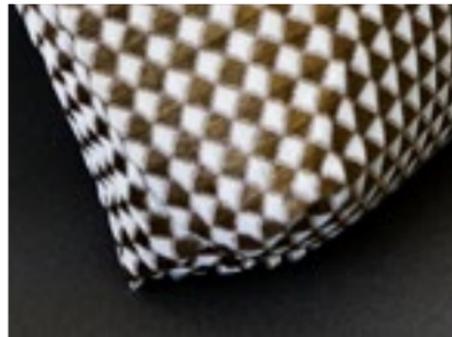
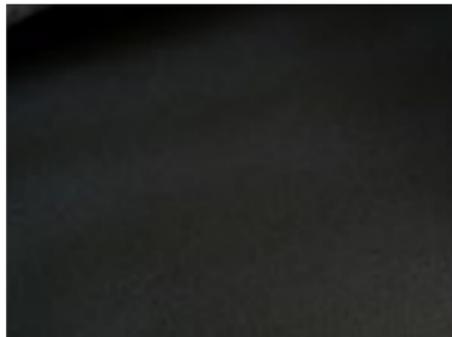
Acoustic Cubes are a modular system made up of 50 x 50 cm textile-covered cubes with a metal frame, which can be freely combined to partitions offering sound-absorbing features. As the acoustic situation changes, the shape and position of the cubes can be swiftly and flexibly adjusted. Just like the purely textile, decorative seating elements Soft Cubes, they can be individually digitally printed.







Innovative acoustic materials have a positive impact on our perception of sound. This aspect is becoming increasingly important in modern more minimalistic spaces. In this respect, textiles function as much more than mere functional sound absorbers. They add additional emotional value with visual quality in the form of lounge, furniture, seats or cushions.

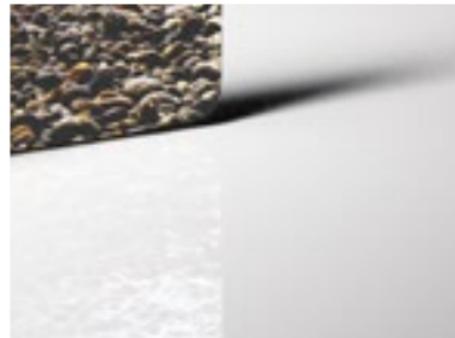


PORTABLE *Acoustic displays*





Flexibility is one of the key requirements to meet in present-day interior design and equally crucial from an acoustical perspective. Our displays, built around a user-friendly tubular system, are designed for mobile use: Easy to disassemble, compact and light. Various shapes, which can be covered with acoustic textiles and individually digitally printed.





SOUNDS GOOD? *Then get in touch!*





We will advise you.

By phone or in person: On the options, prices, availabilities and delivery times of our acoustic textiles. We specialise in individual solutions. Made in Germany.

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