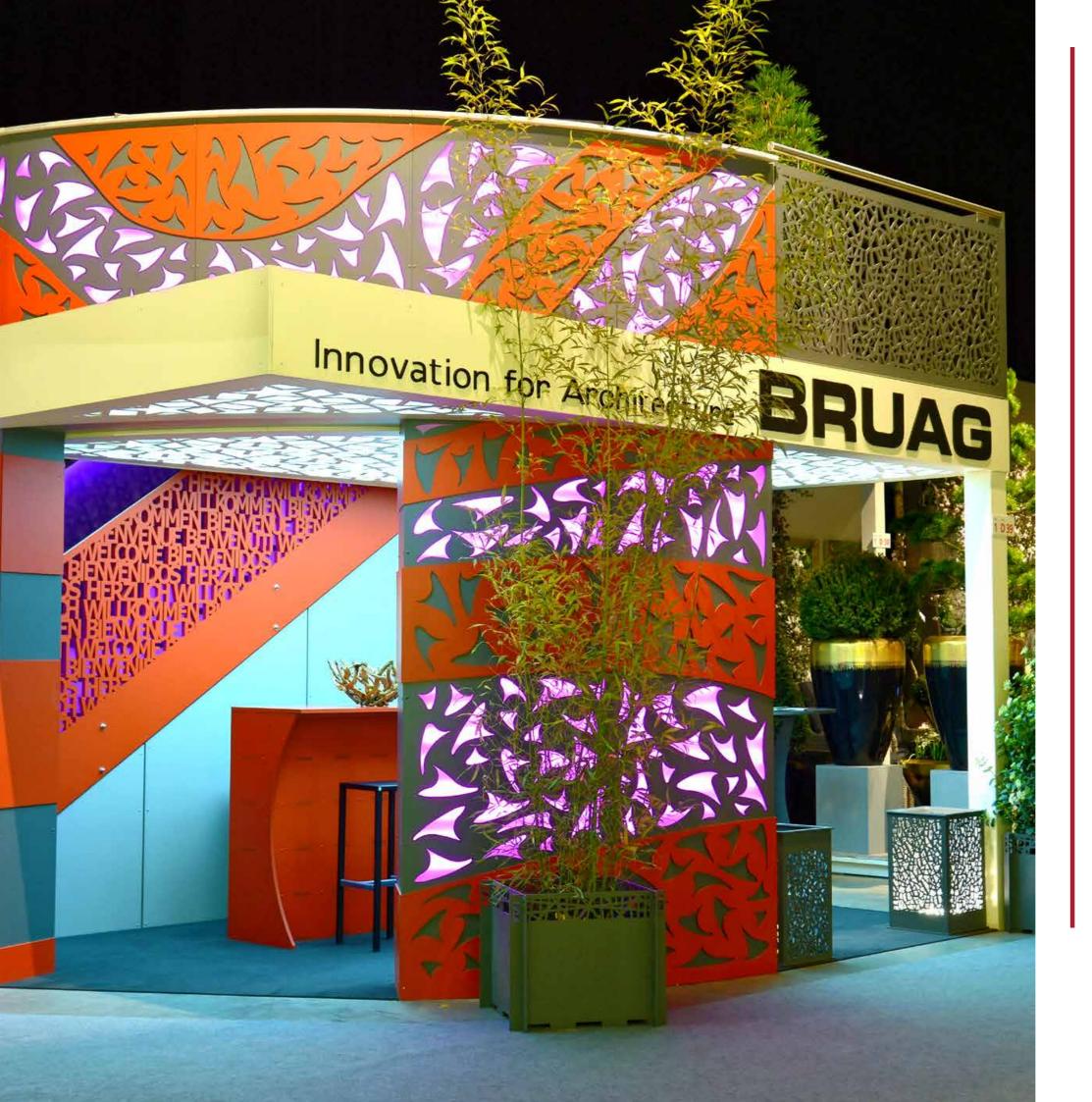


Perforations and Ornamentations
Providing Unmatched
Architectural Flexibility



Interior Applications





The days of minimalist architecture are well and truly over. Combining creative ideas with innovative production methods, results in a vast range of design solutions for interior and exterior applications — as only the sky is the limit for the ideas of architects and designers. Whether you choose a pattern from our range of over 100 standard perforation patterns or you design your own, is no problem for us. We produce exactly what you want. For example, for interiors: room dividers, wall panelling, stair railings and room acoustics, company lettering and all this in over 3,000 colours. However, our products can be used outside too: for façades, perforated terrace parapets, balcony partitions, sliding shutters, privacy screens and many more.

You can learn more about this in our brochures "Interior Applications" and "Exterior Applications" or on our homepage "www.bruag.ch".

These are the four cornerstones of our company philosophy:

Individuality

Maximum flexibility for creative minds – the best innovations come about when small ideas grow into big ones. Creating something unique is possible when architects and manufacturers work together. You too can benefit from such cooperation using our diverse products to achieve many different solutions. Because our motto is: There is no such thing as off-the-shelf.

State-of-the-Art Technology

We use state-of-the-art laser equipment to produce smooth or perforated panels to your design and we finish them in our modern paint shop in more than 3,000 colour shades.

Innovation

We are always searching for new materials and applications to complement our range of products to enable us to do the extraordinary.

Reliability

Working with Bruag, you can trust us to deliver what you want on time.

You can find technical information on all application areas and installation details, as well as our perforation pattern collection in the download section on our homepage. Alternatively, we can send them on request, by e-mail or post.

Let yourself be inspired by the versatility of our products!

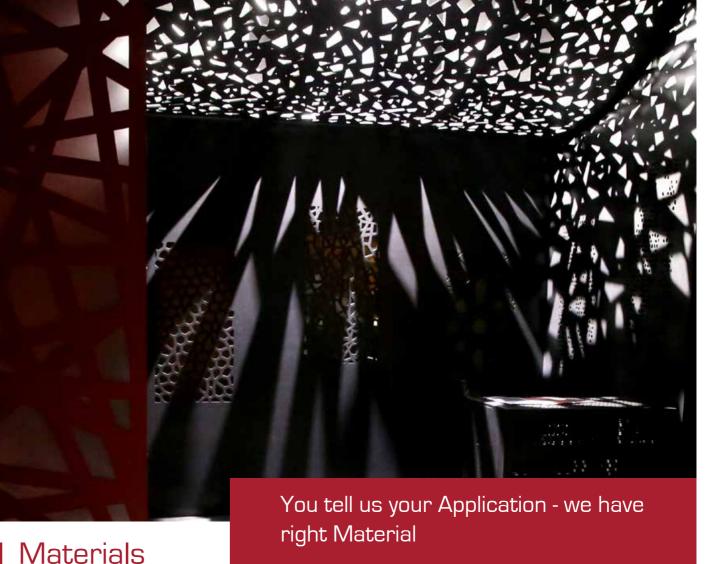


Delicate Perforated Elements Made to your Design

Bruag's laser technology offers maximum design freedom for creative minds. Even the finest and most delicate perforations can be realised using contactless laser processing as can be seen in the restaurant of the Hirslanden clinic in Zurich (picture above) or the La Paix restaurant in Reims, France (on the right). There, our unique room dividers set the scene. Unlike CNC machining, where, during drilling and milling, tools and material come into contact with each other, a laser cuts material contactless. Shapes inspired by history detailing or slick, modern design: Thanks to our laser technology, perforations with sharp corners can be easily realised without creating radii.

You have the choice not only of shape, but also of colour. We have a selection of over 3,000 RAL and NCS colours. Your panels are laser cut to size individually and afterwards, paint finished. By the way, we can also supply the fasteners in the same colour stove enamelled.











CELLON®



Formboard top pin

Area of Application Interior Interior **Exterior and Interior** Exterior and Interior Compact High-Pressure Medium Density Laminate board (HPL) Fibreboard Knotless, multilayer Wooden board Raw Material consisting of 70 % cellulose with polyurethane bonding with polyurethane bonding plywood sheets and 30 % phenolic resin, (without formaldehyde) solid-core 8 or 10 mm 10, 19, or 30 mm **Thickness** 18 mm 10 or 18 mm (other thicknesses 10 x 4000 x 2000 mm: 3600 x 1800 mm or 18 x 4050 x 2050 mm; Raw Material 19 x 4000 x 2000 mm; 18 x 3000 x 1500 mm 3000 x 1280 mm or Maximum Format 10 x 4050 x 2050 mm 30 x 4000 x 2000 mm 2400 x 1200 mm

For exterior applications, we use CELLON® and Formboard top pine; and CELLON®, Formboard top pine, MDF and plywood for interior applications. The options are almost unlimited. And in case you do require a different material, we also carry out contract cutting on request.

The maximum width for industrial coating is 1.30 m. This must be observed especially for smooth façade panels. It is also possible to hand paint larger perforated elements.

* These formats are merely the maximum size of the respective raw material panel. However, our panels are cut exactly according to your requirements which must be smaller than the raw panel. Additionally, perforations can run across more than one panel without interruption, which allows you to combine panels seamlessly.



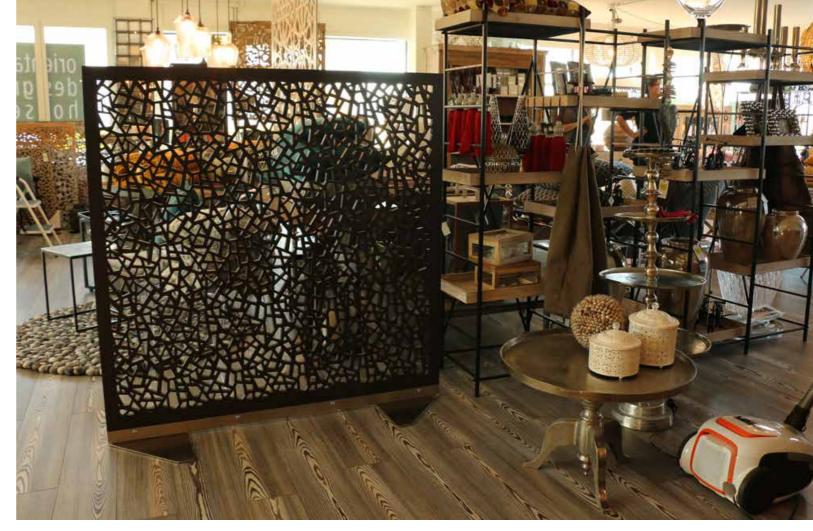


Functional Beauty

"My clients wanted soft partitioning for their hair and nail studio that wouldn't reduce the size of the room or restrict the light," explains architect René Stoos. The architect's design surpassed these wishes. He designed an intricate pattern which not only serves to divide the room, but also features an intriguing play on pattern. The mobile perforated partition walls can be completely or partially closed to give the room an appropriate, slightly oriental character. The elements combine functionality and design, reveal a style of their own and have long since become the centre of attention in the well-known hair and nail studio.

Country / Place:
Project Name:
Material:
Perforation:
Colour:
Architect / Designer:

Switzerland/Brugg Hair and Nail Studio Brugg Formboard top pine, 18 mm 50100 Bruag Alu Silver Stoos Architekten Brugg



Creating a Fresh Atmosphere

Using perforated partitions rather than plain walls livens up the modern interior with a playful touch. The sophisticated coffee-lovers of Café & Co in Vienna enjoy the private but airy atmosphere enhanced by the use of mirrors behind the panels.

Country / Place: Austria / Vienna
Project Name: cafe+co Vienna
Material: MDF, 19 mm
Perforation: 50402
Colour: RAL
Architect / Designer: Derenko Vienna
Photographer: Wolfgang Spitzer, Design- u.
Akustiksysteme





A Flexible System with Ample Opportunity for Customisation

Adding a personal touch to private living areas and public buildings, making offices, restaurants and businesses more attractive. The Bruag partition system makes this simple in an individual way. Flexible in size, colour, transparency and shape, Bruag partitions are available in more than 3,000 possible colours (RAL or NCS). They are made to measure. The elements will be coated and delivered as a system for hanging or standing installation. Functional, beautiful, bespoke.











An Open Design that Promotes Fresh Air Supply

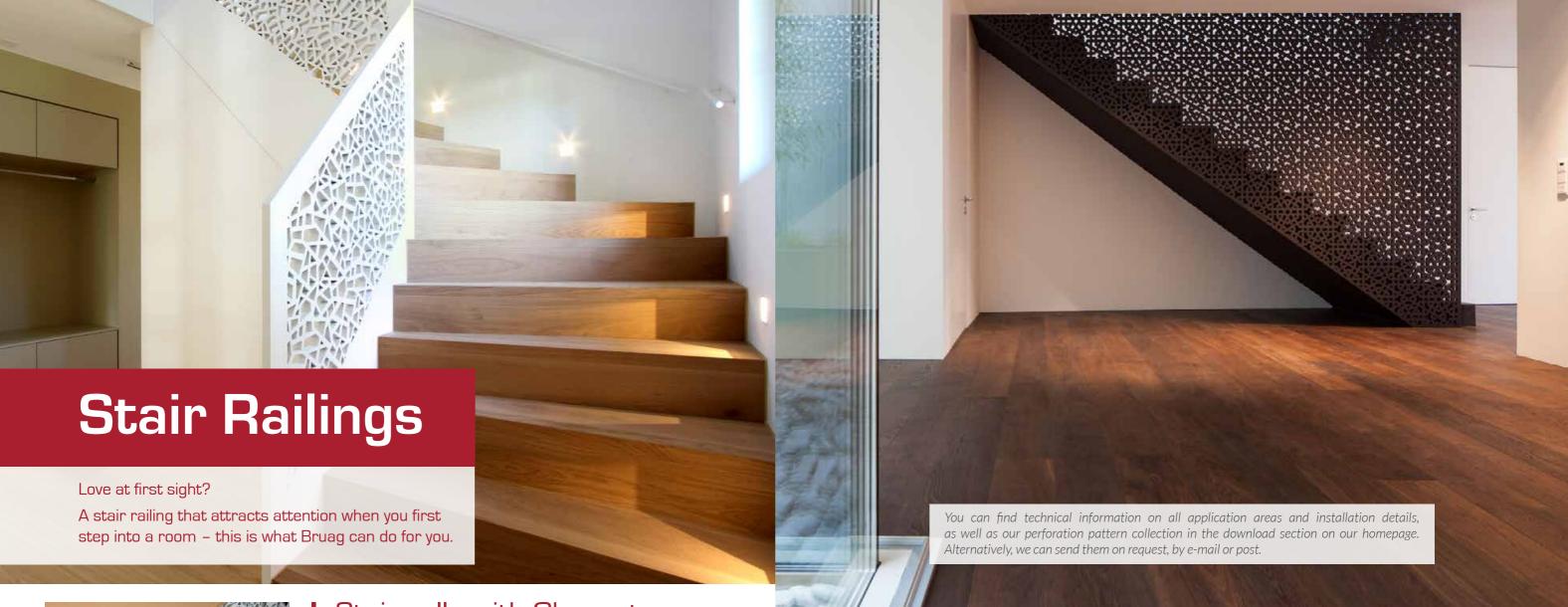
The perforated oak plywood panels used in Zurich City Hall convince both from a practical and an aesthetic perspective. This particular perforation meant it was possible to have over 50% open surface, allowing the air conditioning to be camouflaged. From an aesthetic perspective, the panel's borderless transition allows for an uninterrupted pattern of sweeping rings that match the space and its history. Zurich City Hall is thus a perfect example of what is possible when the individuality of our products has been used to maximum effect.

Country / Place: Project Name: Material: Perforation: Colour: Architect / Designer:

Switzerland/Zurich City Hall Zurich Oak Plywood, 18 mm Bespoke Design Clear Varnish Pfister Schiess Tropeano & Partners Architekten AG Zürich



Switzerland/Heimberg Raiffeisenbank Heimberg Oak Plywood, 18 mm Bespoke Design Clear Varnish Gauer Itten Messerli Bern





Stairwells with Character

A banister can also be a highlight. While interior rooms receive the greatest attention, the design of a stairwell is sometimes forgotten. But in spite of this, a stairwell is one of the first things we notice about a building. A Bruag banister allows you to reveal the identity of your house the very moment your guests step inside. As with all our products, you have maximum flexibility at your disposal. Your bespoke banister is available in thousands of colours and an almost infinite variety of shapes. There is absolutely no requirement for the stairwell to be rectangular. The panels can be made to match the design of your building with great precision and in all available RAL and NCS colours. We create perforations in the areas you determine (for example, no perforation in the area of the stair stringer).

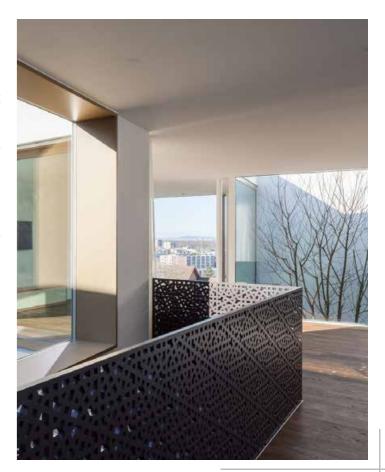


Please note, that the laser cutting process may leave the edges of the panel black. If light colours are used, especially for 30 mm MDF panels, that black might show through a little. If thick panels are used, a small hole from the laser may be visible.

An Easily-mounted, Customised Balustrade

While the perforated panels produced by Bruag can be used to create totally individual stair railings, a few things still need to be borne in mind when it comes to installation. While it is usually 30-mm-MDF panels that are used for banisters, it is possible to use elements that are only 19 mm thick, if the feature is to be used as a curtain over several floors – which means it can be fixed on several points. 30-mm banisters are usually sufficiently stable when screwed into the stair stringer. Depending on the application (e.g. a public building or private home), a post at the bottom and the top of the railing may provide additional stability.

If requested, we deliver not only the panels, but also the corresponding polished aluminium T-sections. These provide additional stability and at the same time form a handrail.



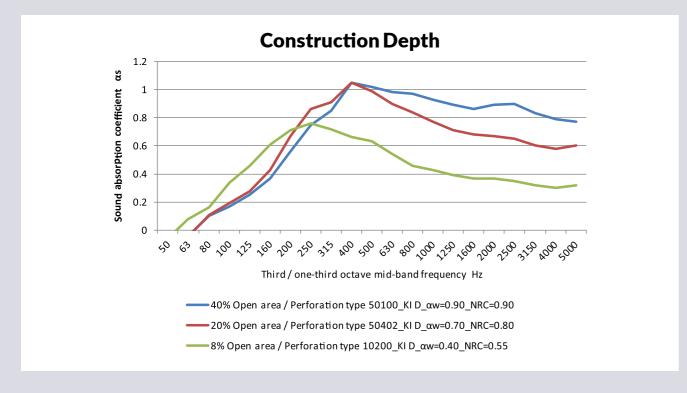


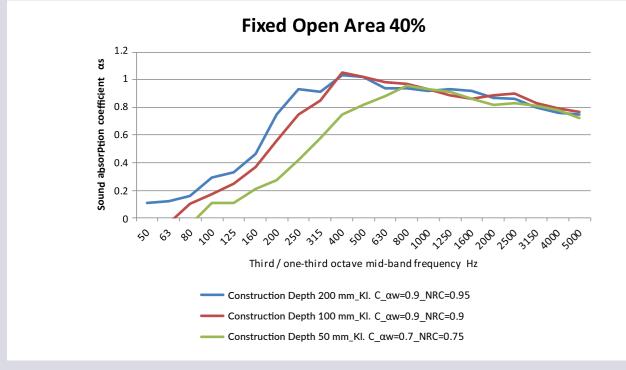


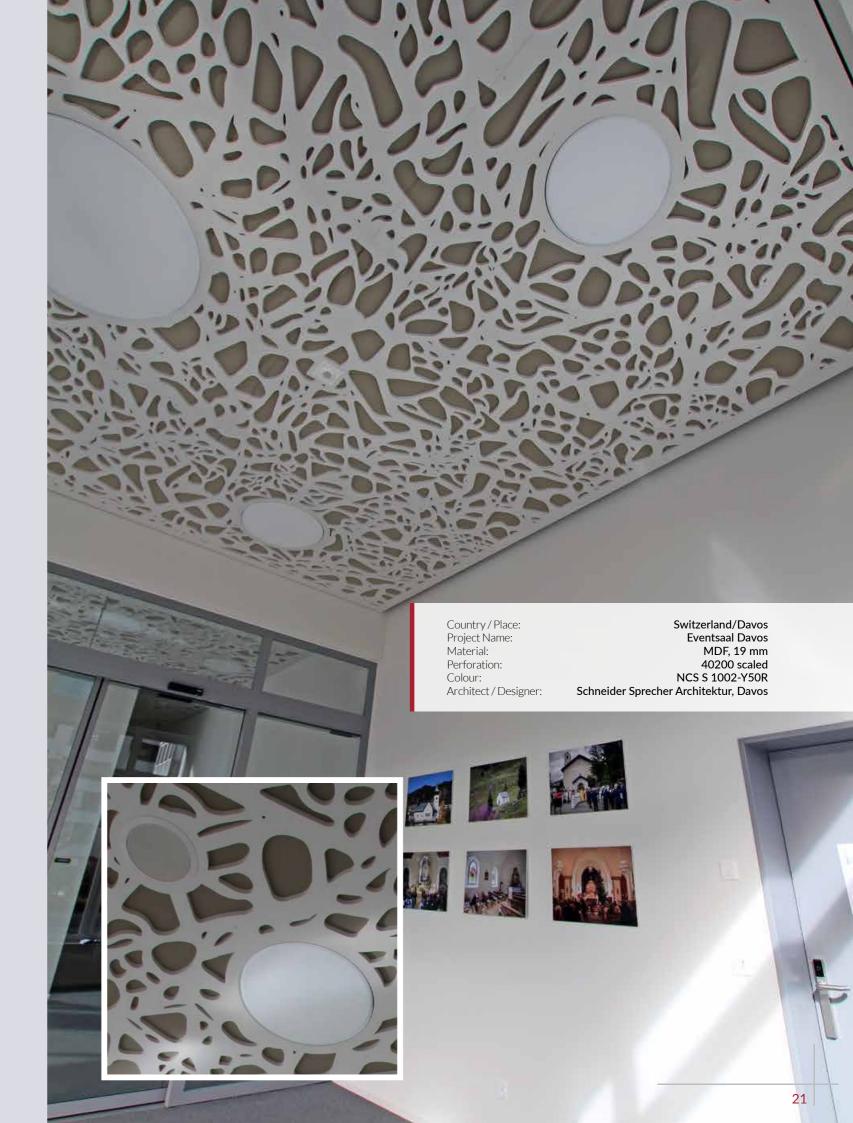
Excellent Absorption Rates Confirm the Effect of Bruag's Room Acoustics System

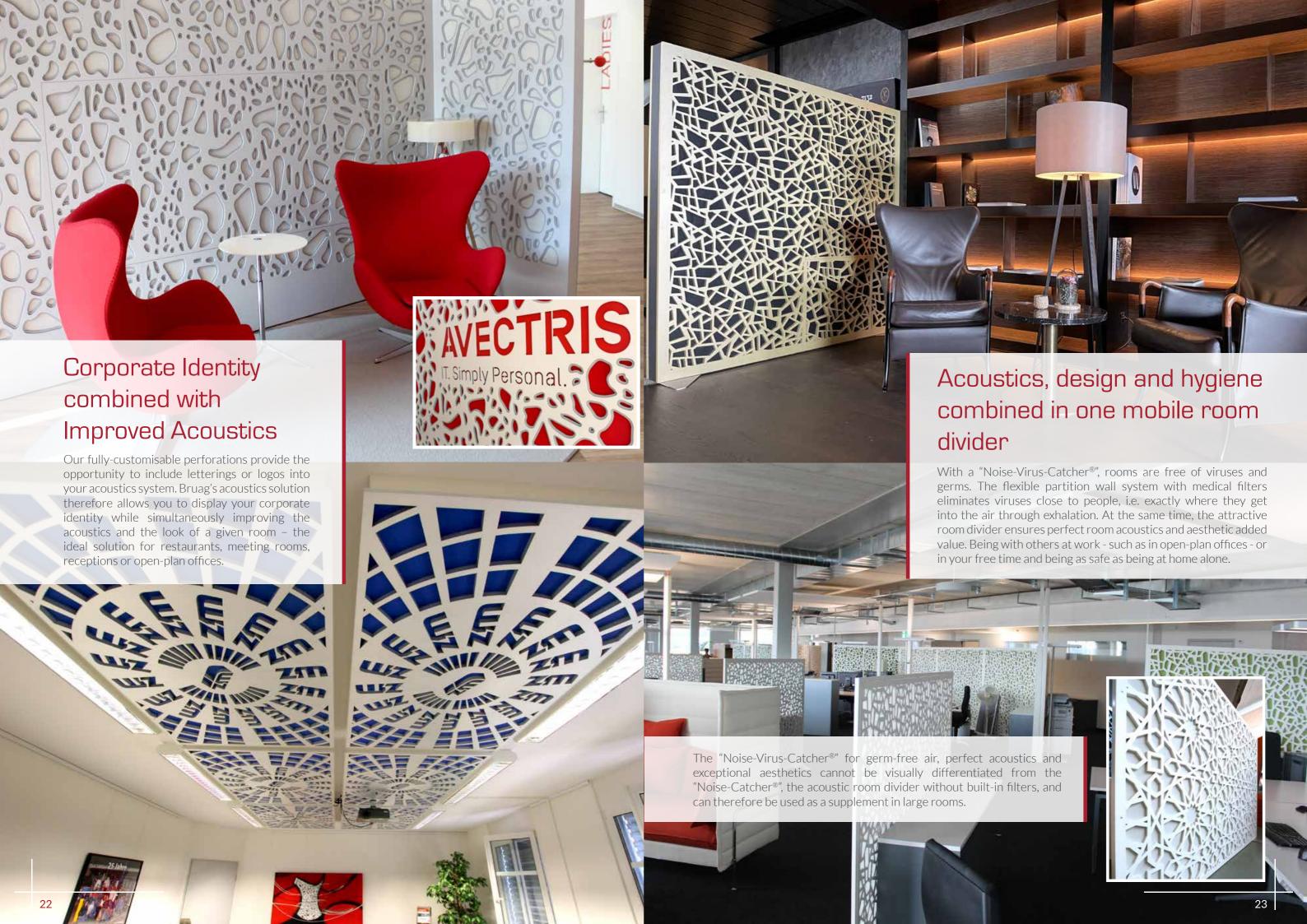
a frame, carrier boards with different types of achieved with different types of perforations (i.e. perforations, a textile finish – available in a range surface patterns). The samples used in the tests of colours – and an absorber element. The basic had surfaces with varying degrees of openness, set dimensions of the elements are 1020 x 2040 mm at 8, 20 and 40 percent. The construction depth of with an overall construction depth of 100 mm. the elements varied between 50, 100 and 200 mm These dimensions can be varied to suit individual with the 100-mm-deep element yielding an projects. Sound tests, carried out at the LGA in excellent comparative value.

Bruag's ornamental acoustic system consists of Nuremberg, demonstrate the results that can be

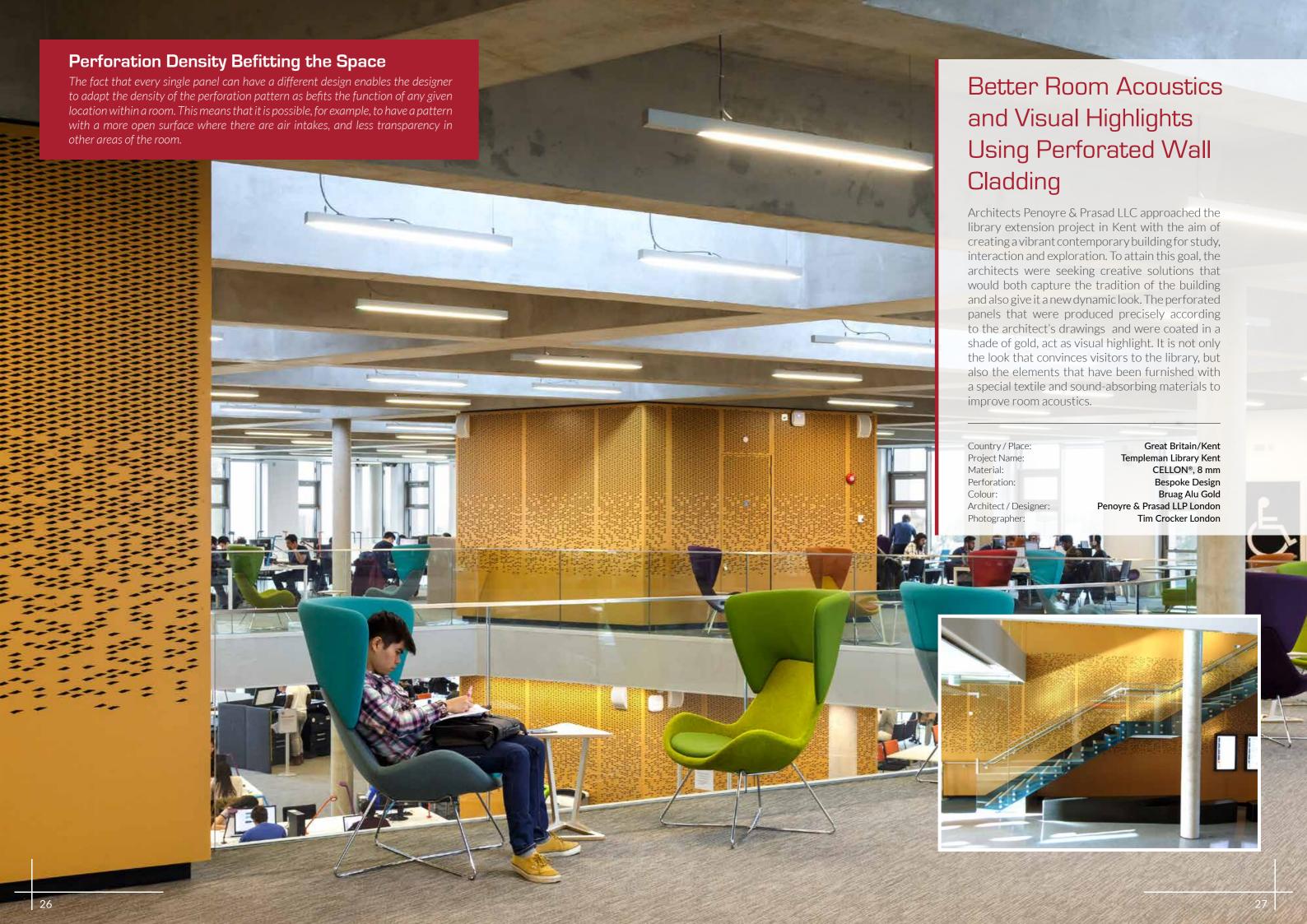














Acoustic Ceilings with a Motif reflecting the Function of the Medical Center

The medical Center Karlihof in Malans is the best example for acoustic elements not only being functional, but also combining technical aspects with aesthetics and aligining them with the purpose of the building. The most remarkable building in the outskirts of Malans combines state-of-the-art medical treatments with modern infrastructure. CELLON® and MDF panels offer and combine sun protection and source of lighting. The team of architects of Ritter Schumacher AG designed a perforation which is not only unique, but is also directly connected to the use of the new building as a Medical Center.

The perforations are inspired by delicate muscle cells. "I was surprised how easy it was to implement my drawing as a basis for Bruag to produce the panels and how straightforward the process from initial contact to delivery was," says architect Markus Wolf after the successful opening of the Medical Center. Weather-proof CELLON® was used outside and was combined with MDF panels in interior areas. Acoustic textile and absorbers complemented the panels produced by Bruag and the functional aspect of acoustics enhancement to the product.

Country / Place: Project Name: Material:

Perforation: Colour:

Architect / Designer:





Schweiz/Malans

Medizinisches Center Karlihof Malans



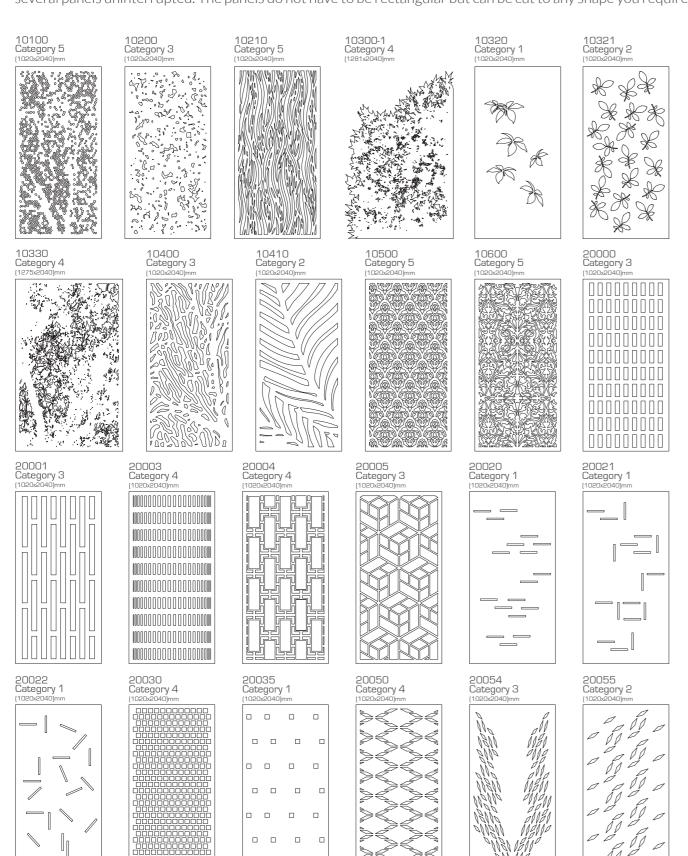




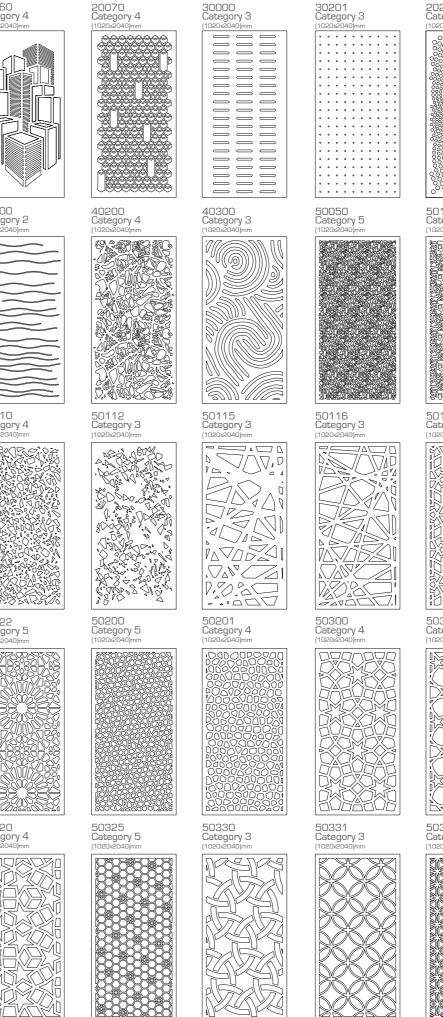


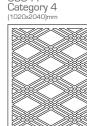
Patterns for Inspiration

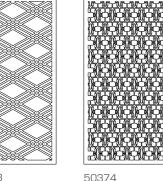
Here are some of our 100 + standard perforations (more can be seen at www.bruag.ch). You can either select one of our designs or create your own perforated pattern. We use DXF/DWG drawings as the basis for our work. The patterns are precisely adapted to the panel sizes you require. Should you wish, you can choose to have a frame around the panel without any perforation, but it is also possible to have the pattern running across several panels uninterrupted. The panels do not have to be rectangular but can be cut to any shape you require.

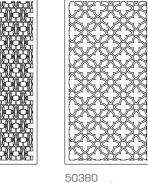




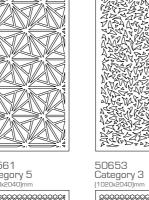


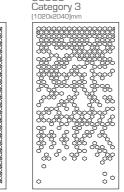


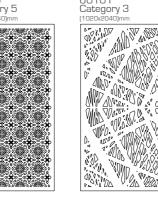






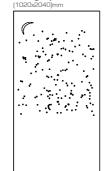






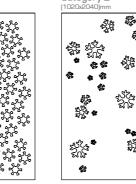
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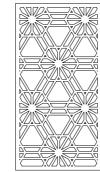


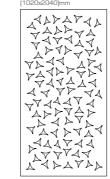


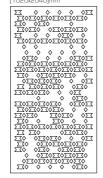




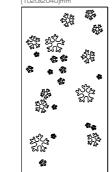














Perforated Cladding

Bruag also offers products for exterior applications. Do not hesitate to contact us for the brochure or general information, or check out our homepage.



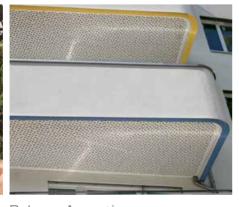
Balcony Balustrades



Back-Ventilated Facades



Garden Applications



Balcony Acoustics

For further information and pictures, please visit

www.bruag.ch



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