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AMF and Heradesign® – two strong partners of the Knauf Group – combine their expert knowledge and skills in ceiling and wall solutions. Together they provide specialist planners, architects and clients all over the world with the best possible sales and consultation services, as well as a sophisticated product range.

Wood, magnesite and water are the principal components of the Heradesign® acoustic panels – so they are completely harmless in terms of building biology. Heradesign® magnesite bonded wood wool panel is a natural product in line with the current trend for sustainable materials. Besides studying the phenomenon of noise and acoustics, for us this means the development of sustainable, acoustically optimised solutions. Acoustics is one of the most important factors that influences the well-being, mood and temper of people – even if we do not perceive it consciously.

Heradesign® acoustic panels can prove a durability of more than 80 years in buildings. In case it should one day become necessary: magnesite bonded wood wool panels can also be recycled. Because, when talking about sustainability in the building industry, the topic of disposal is becoming more and more important.

Acoustics and design with a clear, 'green conscience'!



Product Overview

Heradesign® *macro*



1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 3 mm)

- characteristic surface structure
- building biology recommended

Heradesign® *micro*



1-layer magnesite bonded wood wool acoustic

- panel with a fine pored structure
- building biology recommended

Heradesign® *fine*
Heradesign® *fine A2*



1-layer magnesite bonded wood wool acoustic panel (fibre width 2 mm)

- characteristic surface structure
- acoustically effective
- building biology recommended

Heradesign® *plano*



1-layer magnesite bonded wood wool acoustic

- panel with closed surface
- building biology recommended

Heradesign® *superfine*
Heradesign® *superfine A2*



1-layer magnesite bonded wood wool acoustic panel (fibre width approx. 1 mm)

- exquisite surface structure
- building biology recommended

Heradesign® *plus*



Composite product consisting of a magnesite bonded wood wool acoustic panel and a mineral wool absorber

- excellent sound absorption values
- with trickle protection
- easier and faster installation



Colors

An almost unlimited range of colours is available – almost every colour from popular colour systems such as RAL, NCS or StoColor can be chosen.

Product Range

Product Range							Product Range A2		Product Range plus				
Nominal size mm (further sizes on request)			macro	fine	superfine	micro	plano	fine A2	superfineA2	fine plus	superfine plus	micro plus	plano plus
		600 x 600 mm	•	•	•	•	•	•	•	—	—	—	—
		625 x 625 mm	—	•	•	•	•	•	—	—	—	—	—
		1200 x 600 mm	•	•	•	•	•	•	•	•	•	•	•
		1250 x 625 mm	—	•	•	•	•	•	—	—	—	—	—
Panel thicknesses	1-layer	15 mm	—	•	•	—	—	•	•	—	—	—	—
		25 mm	•	•	•	•	•	•	•	—	—	—	—
		35 mm	—	•	•	•	—	—	•	•	—	—	—
	2-layers	40 mm (15/25)	—	—	—	—	—	—	—	•	•	—	—
		50 mm (25/25)	—	—	—	—	—	—	—w	•	•	•	•
		55 mm (15/40)	—	—	—	—	—	—	—	•	•	—	—
		65 mm (25/40)	—	—	—	—	—	—	—	•	•	•	•
Reaction to fire according to EN 13501-1: B-s1, d0		•	•	•	•	•	—	—	•	•	•	•	
Reaction to fire according to EN 13501-1: A2-s1, d0		—	—	—	—	—	•	•	—	—	—	—	
Sound absorption value													
Weighted sound absorption coefficient α_w		up to 0,70	up to 0,90	up to 1,00	up to 0,55	up to 0,35	up to 0,75	up to 0,95	up to 0,85	up to 0,95	up to 0,35	up to 0,40	
Noise reduction coefficient NRC		up to 0,75	up to 0,95	up to 1,00	up to 0,60	up to 0,35	up to 0,75	up to 1,00	up to 0,85	up to 0,95	up to 0,35	up to 0,45	
Product declaration													
WW-EN 13168-L3-W2-T2-S3-P2-CS(10)200-CI3		•	•	•	•	•	•	•	—	—	—	—	
WW-EN 13168-L3-W2-T2-S3-P2-CS(10)20-TR5-CI3		—	—	—	—	—	—	—	•	•	•	•	
EC Conformity Certificate Reg. No.:		K1-0751-CPD-209.0-01-01/2011							K1-0751-CPD-209.0.02-01/2009				
Standard colours		white, similar to RAL 9010 / beige – natural tone 13 (further colour shades from colour systems such as RAL, NCS, BS or StoColor available)											
Areas of application		suitable for rooms with a constant relative humidity of up to 90%. Application in rooms with relative humidity higher than 80% requires consultation with structural-physical experts.											

Systems and system parts



‘We’ll find the right acoustic solution for your well-being!’

Make use of the varied areas of application of Heradesign® products and their outstanding mounting systems. Be it ceiling or wall designs, standard or special installation systems with elaborate system parts from Heradesign®.



Product attributes

Open and smooth surface structure

Long-lasting Durability

Dimensional accuracy and tolerances

Humidity and climate regulation

Various Edge design

Light Shrinkage behaviour

Sound absorption up to $\alpha_w = 1,0$

Nature meets trend – non-toxic, organic building material

Reaction to fire – non-combustibility A2

High-quality and sustainable raw materials

High mechanical strength

Product portfolio endless scope of design

VARIO DESIGN

CONFIGURABLE & BESPOKE METAL SOLUTIONS



Cover

Bespoke Metal D-H 700 triangular shaped, Rg 0701, RAL 9010
Special black coated substructure

01

Bespoke Hexagonal Mesh RB35, NCS S2020-R80B
Bespoke hanging system

02

Metal Q-Clip, Rd 2508, Mirror Effect
U-Profile

03

Metal Baffles V-P 500, Perforation Rd 1522, RAL 9016
U-Profile



BRING UNIQUE IDEAS TO LIFE

There is no limit to what you can achieve with Knauf Ceiling Solutions **Vario Design** range.

Our portfolio of configurable and bespoke metal ceiling and walls gives you the freedom and flexibility to create unique solutions to fit every space.

Faceted, flat or curved, our bespoke metal ceilings include unique sizes, shapes, finishes and perforations to make your project stand out from the rest.

Breathe new life into your ceiling architecture — with creative design, impressive simplicity and high performance.

With Knauf Ceiling Solutions, your wildest ideas become a reality. You can find the right mix of shapes and colours by combining **multi-material solutions** such as metal, wood, wood wool and mineral solutions.

VARIO DESIGN RANGE

7 PREDEFINED CRITERIA TO CHOOSE THE BEST SOLUTION

MATERIAL SYSTEM

A multi-material offer is at the core of Knauf Ceiling Solutions vision for every space. **Vario Design** embodies this approach and allows you to choose configurable solutions from our mineral, metal, wood and wood wool ranges.

VARIO DESIGN LAYOUT

Choose a suitable layout to match your design ambition and aspiration.

PERFORMANCE CERTIFICATES

Metal ceiling solutions allow for a rich range of performance possibilities, from impact resistance to corrosive resistance to clean room certification, making the perfect versatile solution for every space.

DIMENSIONS & SHAPES

Choose the most suitable solution from a large variety of flexible layouts, dimensions and shapes to create the design that meets your vision.

COLOURS & FINISHES

Our metal ceilings have a polyester powder coat finish, that is electrostatically applied and oven-cured. Using the RAL colour system, an industry standard, our powder-coated products are UV stable, prevent micro-biological growth, are easy to clean and are both robust and impact-resistant.

PERFORATIONS & CUT-OUTS

What inspires you to add personality to your ceiling design? No matter what sparks your imagination, there are a variety of perforation options from standard to bespoke that allows you to tell your design story.

ACOUSTIC INFILL

Knauf Ceiling Solutions offers a wide range of acoustic infill and pad solutions in a variety of thicknesses and densities to optimise the acoustics in any space.

PERFORMANCE CERTIFICATES

READY FOR EVERY SITUATION

Acoustic
performance

Fire
performance

Seismic

Impact
resistance

Clean
room

Chilled
ceilings

Corrosive
resistance

Swing-down
& lock function

Exterior
solutions

DIMENSIONS & SHAPES

AN UNRIVALLED PORTFOLIO

Our configurator tool will help you choose the most suitable solution from a large variety of flexible designs:

SQUARE
SHAPES

RECTANGULAR
SHAPES

VERTICAL
SHAPES

Bespoke shapes and dimensions can be achieved with our **Vario Design** range. Please contact your local representative or visit knaufceilingsolutions.com.

VARIO DESIGN LAYOUT

7 FLEXIBLE POSSIBILITIES TO FIT EVERY SPACE

Our configurable and bespoke Metal range gives architects and designers the creative freedom to shape their ambitions and create unique spaces.

CEILING EXPOSED GRID

Exposed ceiling systems provide a modular aesthetic and are available in a variety of edge details.



CEILING CONCEALED GRID

Concealed ceiling solutions create a continuous, monolithic look by concealing all of the grid system.



OPEN CELL

Open cell metal tiles mask the plenum and provide 100% accessibility to lighting, ventilation and sprinklers with an homogeneous appearance.



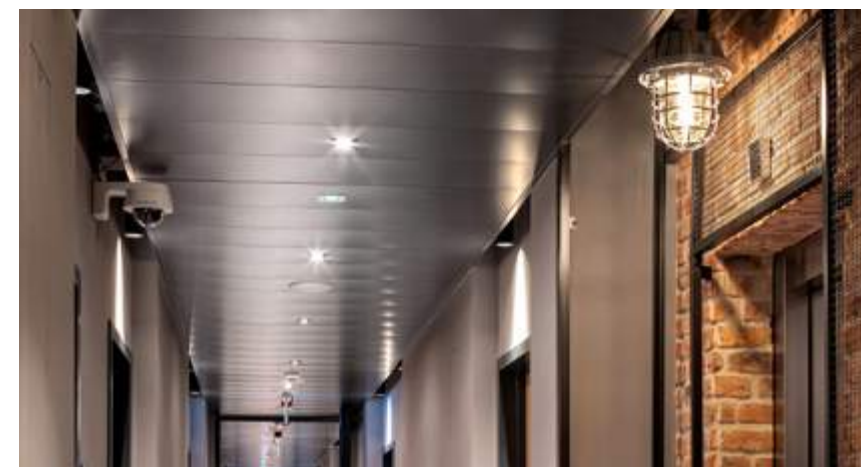
FLOATING CEILINGS CANOPIES

Open up an almost endless range of dramatic design possibilities with canopies that can be suspended from any soffit.



VERTICAL BAFFLES

Express a new narrative with vertical linear baffles and create a look to visually tell a story with a solution that will spark your imagination.



CORRIDORS

With easy installation and access to services, wall-to-wall corridor solutions require functionality to handle high traffic and design flexibility to connect key spaces seamlessly.



WALL SOLUTIONS

Walls solutions come in a variety of designs to provide a stunning visual durable enough for high-impact or high traffic areas. Coordinate with ceilings and other interior finishes to create signature spaces.

COLOURS & FINISHES

CHOOSE, MIX AND MATCH

Polyester powder coat finishes are electrostatically applied and oven-cured.

Using the RAL colour system, an industry standard, our powder-coated products are UV stable, prevent micro-biological growth, are easy to clean and are both robust and impact-resistant.

BioGuard

A unique powder coating, developed explicitly for use in clean room environments. It protects from bio-contamination by preventing the settlement of bacteria on the tile's surface.

TrioGuard™

A unique coating applied to metal products, which protects the ceiling and wall from dirt-resistant build-up and colour fading, maintaining its original look for longer.

Wood Effect on Metal

A decorative range of metal ceiling panels with the benefits of both worlds: the durable, lightweight and ease of access metal can offer, in association with the warmth of a wood veneer—ideal for applications where traditional materials are not suitable for moisture or structural constraints.

Exterior Solutions

Our metal exterior ceiling systems are designed to perform in challenging conditions and resist different environmental factors such as high humidity and wind pressure.

RAL Colours

9010

9003

9005

9006

9007

9016

Wood Effect on Metal

Ash

Natural Bamboo

Caramel Bamboo

Maple

Oak

American Cherry

American Walnut



5020



7016



2008



3015

Many vibrant colours to choose from!



1035



9022



1036



5001

5009

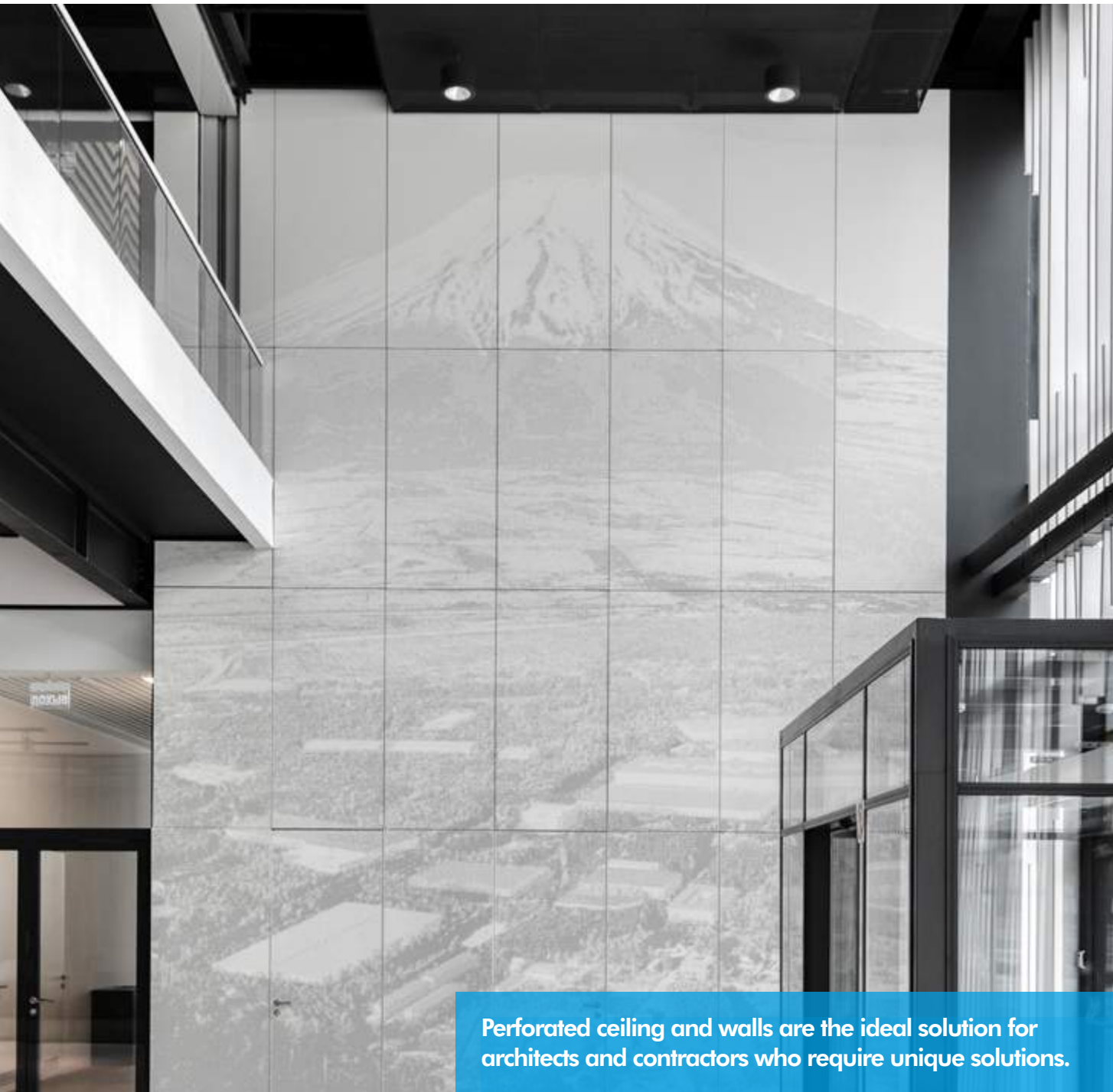


PERFORATIONS & CUT-OUTS

BUILD CHARACTER IN YOUR SPACE

In a world stimulated by style, Knauf Ceiling Solutions bespoke ceiling systems inspire architects and designers to create stunning aesthetics and intimate spaces.

With a rich metal portfolio and multi-material approach, you can explore inspiring geometric patterns, vibrant colours and a variety of perforations to meet your project ambitions



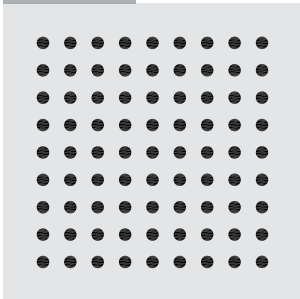
Perforated ceiling and walls are the ideal solution for architects and contractors who require unique solutions.

SOMETHING TO TALK ABOUT!

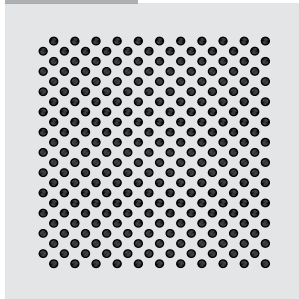
CHOOSING THE RIGHT PERFORATION

Metal perforated ceiling solutions offer a wide range of design options and when installed with an acoustic infill, provide excellent acoustic comfort with a bright and beautiful interior finish.

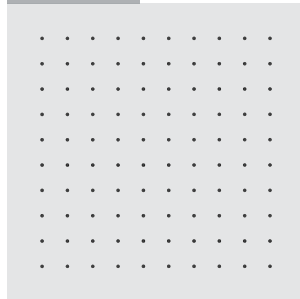
Rg 2516



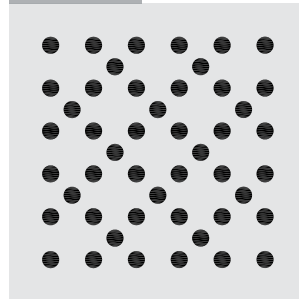
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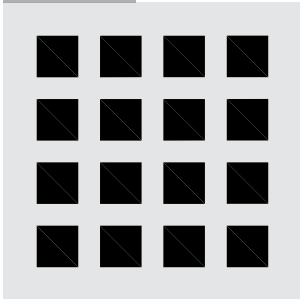
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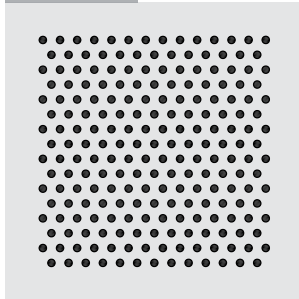
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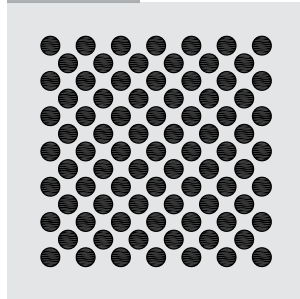
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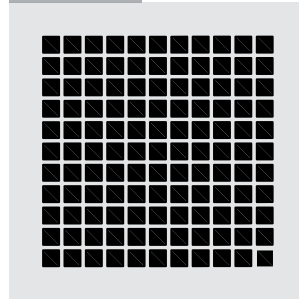
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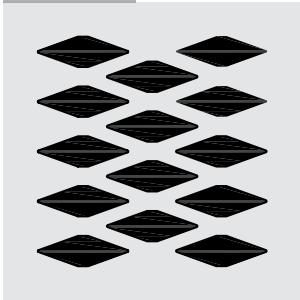
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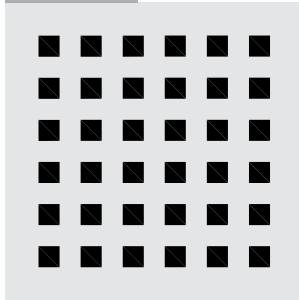
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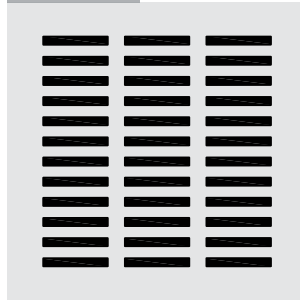
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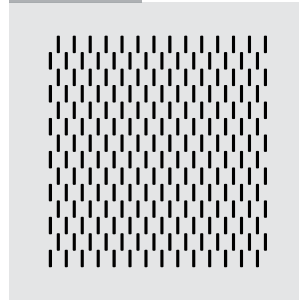
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Lg 16032



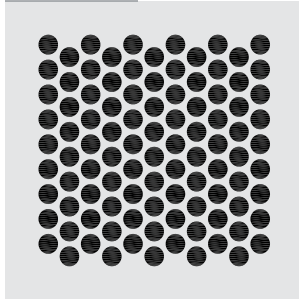
Sonoperf D®



Lg 25042



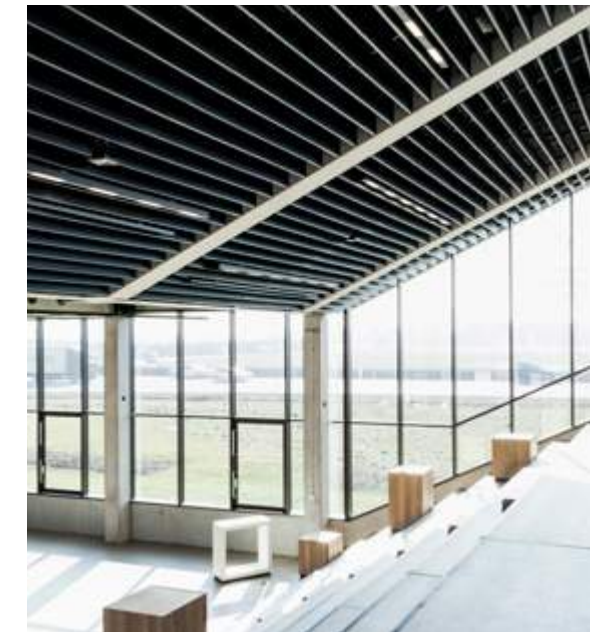
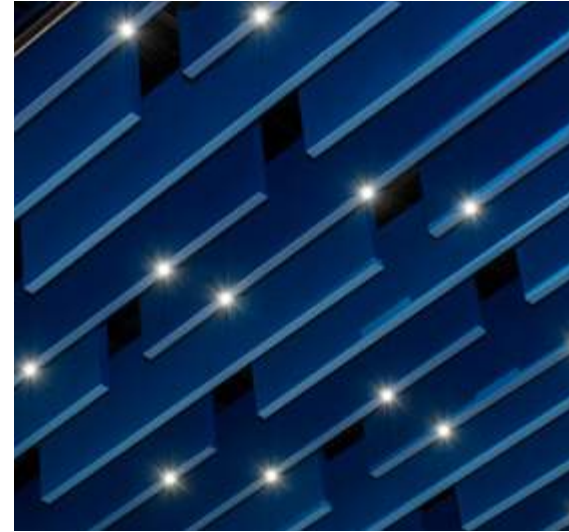
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And so many more configurable and bespoke perforations to choose from to unleash your creativity!

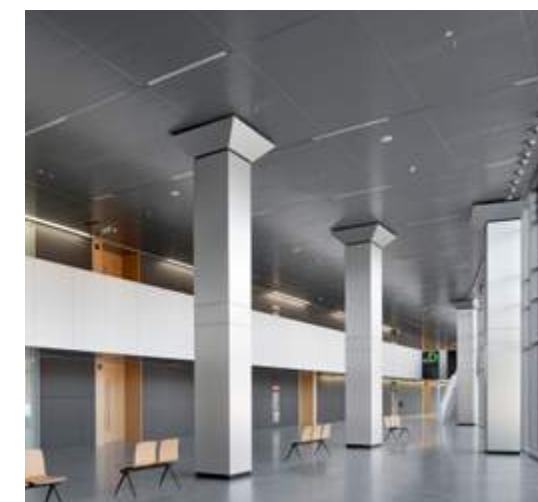
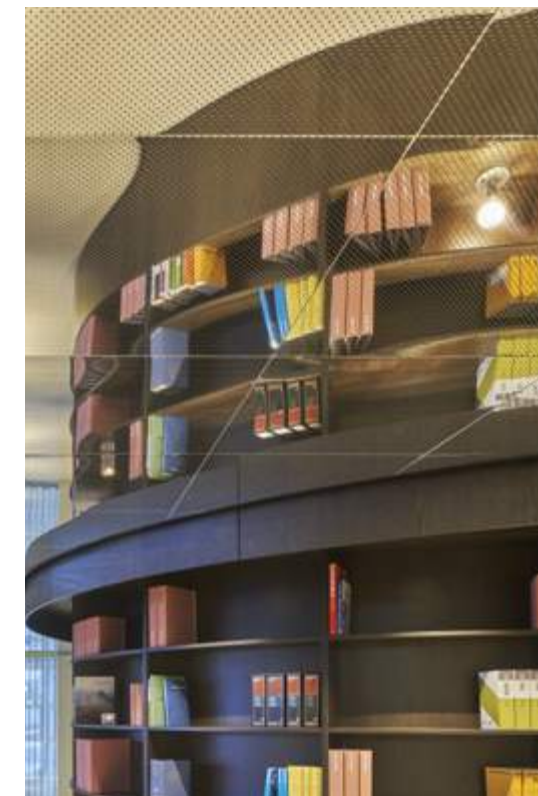
CREATIVITY AT HEART

BESPOKE SOLUTIONS FOR ONE-OF-A-KIND PROJECTS



CREATIVITY AT HEART

BESPOKE SOLUTIONS FOR ONE-OF-A-KIND PROJECTS



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