

MOLTO COUSTIC®  
FEEL THE ATMOSPHERE.

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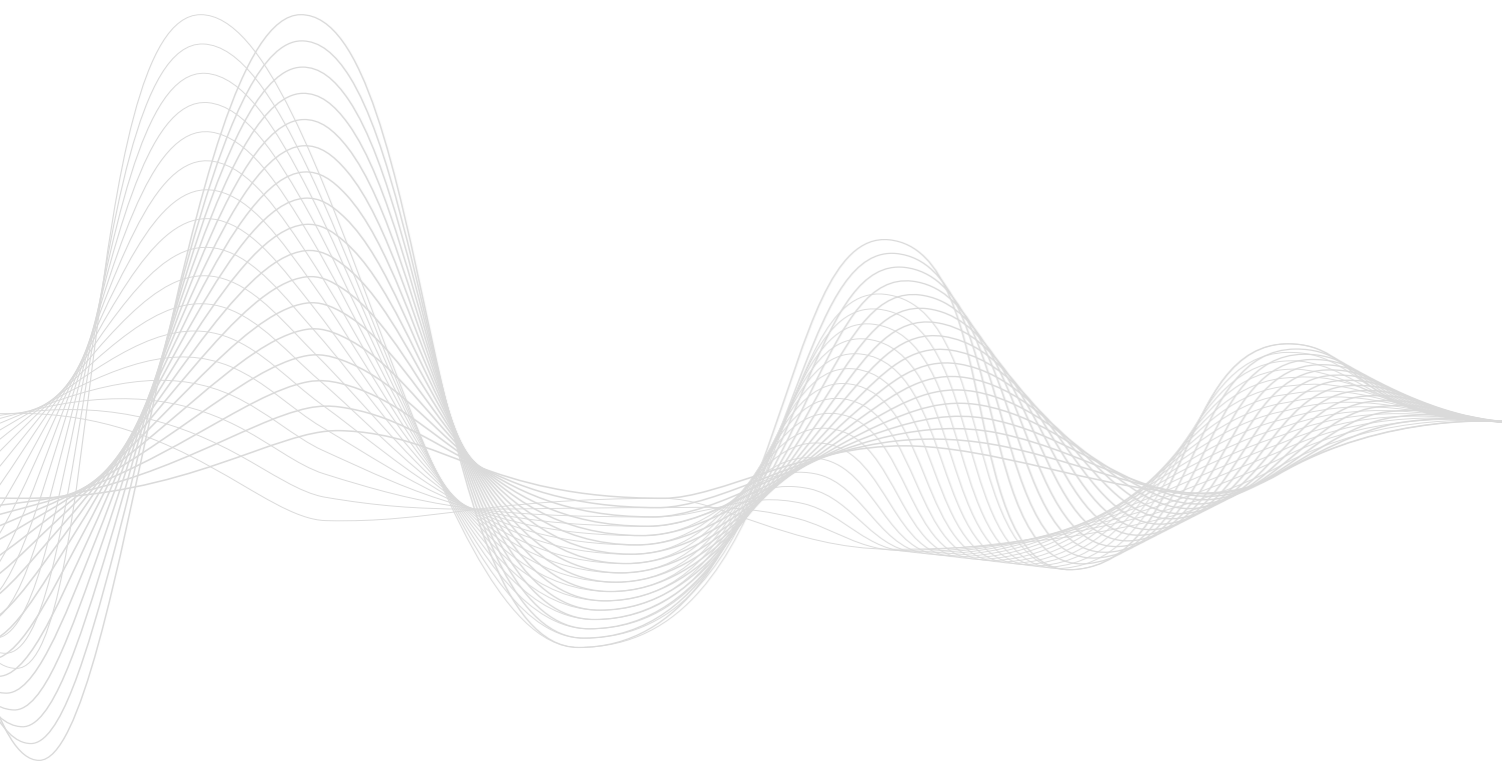
# MORE THAN A BRAND

Feel the difference

With over **40 years of experience** in the field of professional lighting and architecture, we draw on the extensive know-how and long-standing expertise of Molto Luce. With Molto Coustic, we deepen the connection between design and functionality and specialise in a portfolio of architectural and functional acoustic solutions. The aim is to enhance well-being and concentration in indoor spaces and significantly improve room acoustics. Through our own development and production in Austria, we are flexible and enable customised spatial concepts.

### Our Service - What Sets Us Apart?

At Molto Coustic, you receive everything from a single source: From consultation and planning to tailored implementation, we guide you through every step. Our experts ensure that light and acoustics harmonise perfectly and create a well-thought-out spatial concept that noticeably enhances quality of life and work. We pay attention to your needs, design spaces, create atmosphere, and promote well-being.



Development and Production  
in Austria

MOLTO COUSTIC®  
FEEL THE ATMOSPHERE.



# QUALITY WITH RESPONSIBILITY

Developed sustainably, processed to a high standard

The polyester fleece used impresses with its high sound absorption and versatile properties. The 52mm raw material of our four standard colours, as well as the 40mm variant in the colour stone beige, is manufactured in Germany, thus ensuring not only high quality standards but also short transport distances.

The material has the fire protection certificate B-s1, d0 according to EN 135501-1 when installed with an air gap of >80mm.

Our products are 100% homogeneous and disassemblable, allowing them to be reintroduced into the cycle. The light weight makes it easier to handle and allows for simple installation.



MOON  
GREY  
52mm

STONE  
GREY  
52mm

CHARCOAL  
GREY  
52mm

MIDNIGHT  
BLACK  
52mm

STONE  
BEIGE  
40mm

# MOLTO RAIL FOR BAFFEL



Product Design: Ben Elmecker

The innovative mounting system for acoustic Baffel ceilings enables a quick, user-friendly installation and precisely compensates for mounting inaccuracies thanks to adaptability in two axes – even in challenging structural conditions.

For maximum flexibility, various fastening options such as grid, wall, and ceiling clips, as well as cable and rod suspensions, are available. The pre-assembled cable suspension is optimally coordinated with impact-resistant M6 anchors and ensures a secure, simple installation.



Product Design: Ben Elmecker



EUREF Campus, Düsseldorf, Germany, Photo: Photo Kleer

### Quick & Clean Installation

The installation of the Baffels is efficiently structured and requires only a few tools. The clamping rail allows for a clean and orderly implementation with minimal effort.

### Flexible & Customisable Installation

Baffels can be easily adjusted or temporarily removed for maintenance. The system grows with the requirements of the space.

### Neat & Structured Cable Management

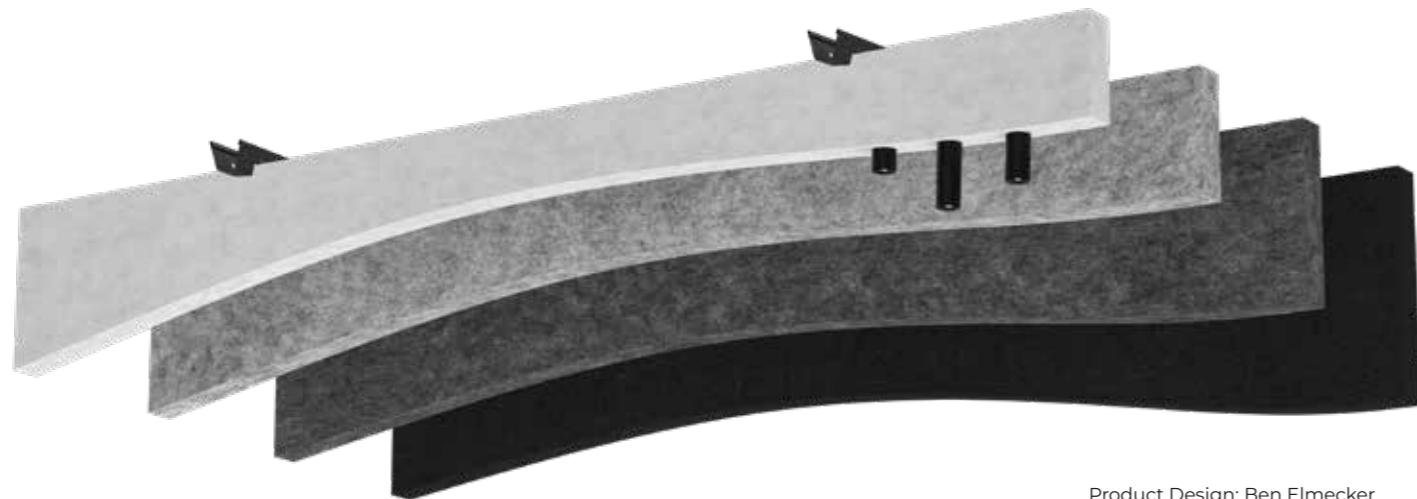
Within the clamping rail, cables for lighting, sensors, or technical components can be routed neatly and invisibly.



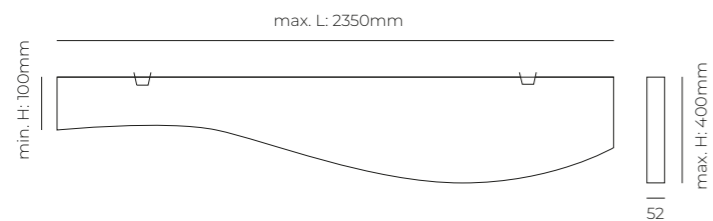
BSH Home Appliances, Wages, Germany, Photo: Andreas Stammeler, Product Design: Ben Elmecker

# ACOUSTIC CEILING

## WAVE

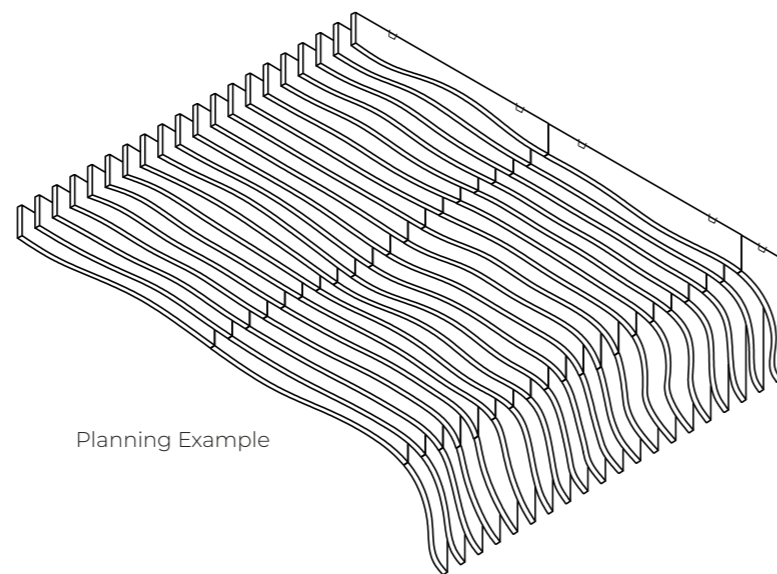


Product Design: Ben Elmecker



### Noticeably Flowing Design

Wave sets architectural highlights with its organically curved structure while optimising room acoustics. The modular system is individually customisable and available in all Core Colours – ideal for dynamic ceiling solutions with design requirements. Specialist acoustic experts assist with planning, consulting, and implementation.



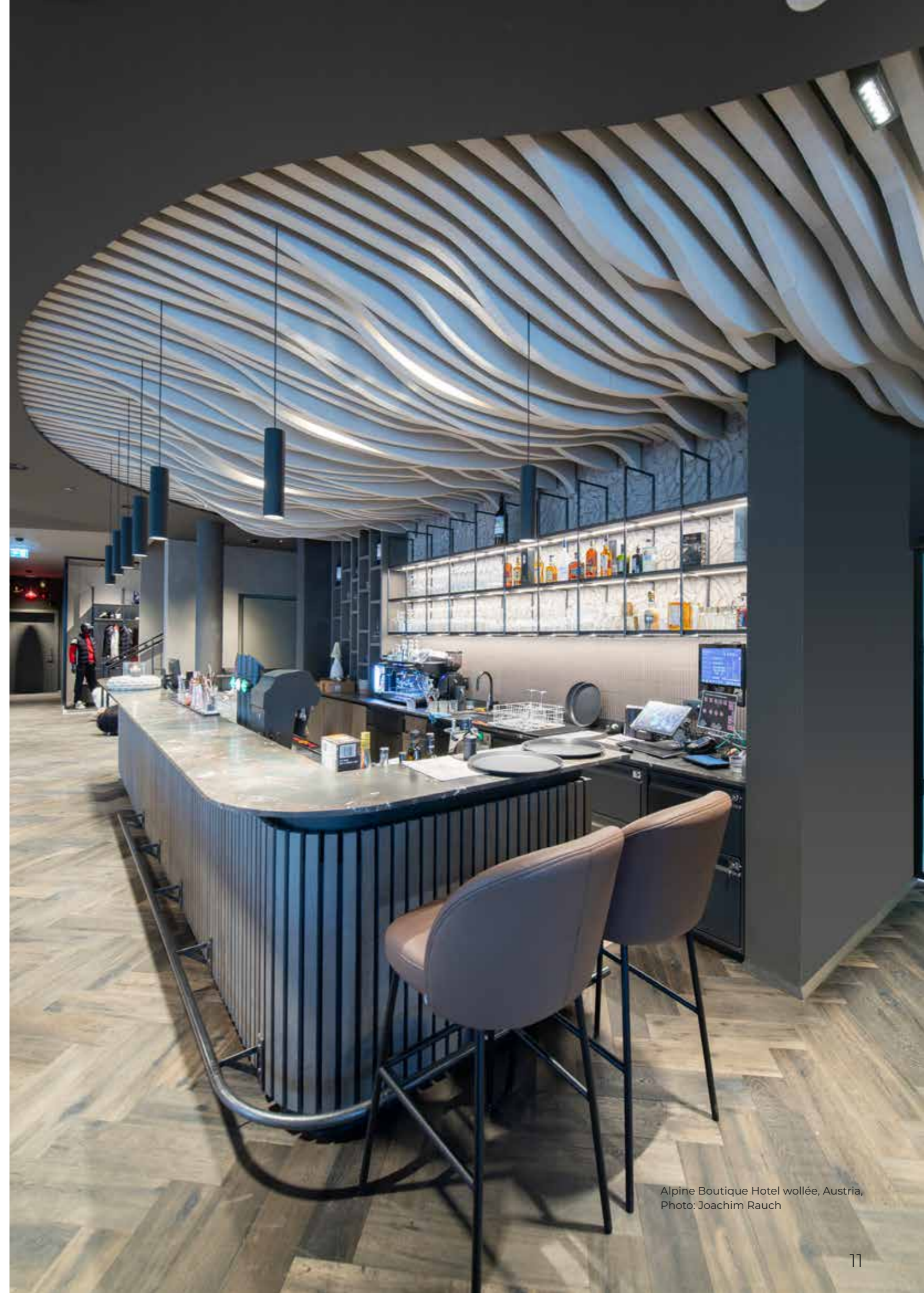
Planning Example

Recommended Axle Distance 300mm

Compatible with ROGGA light inserts



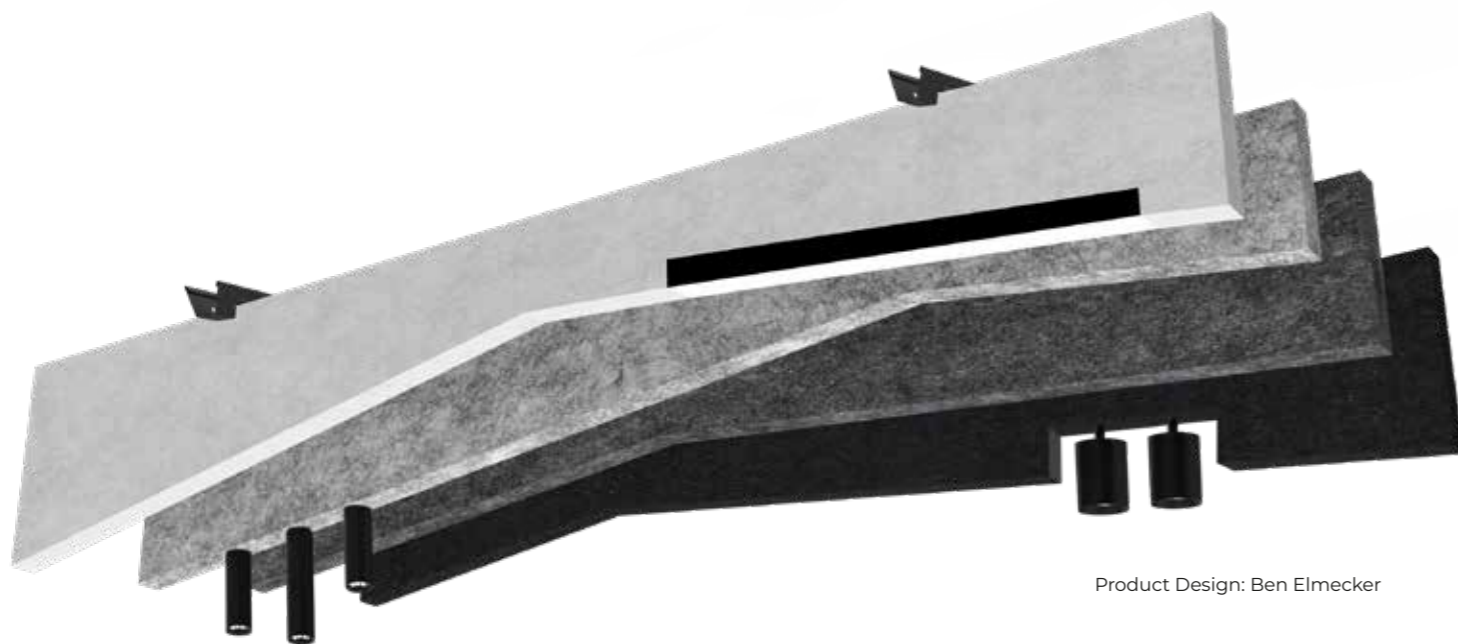
ROGGA



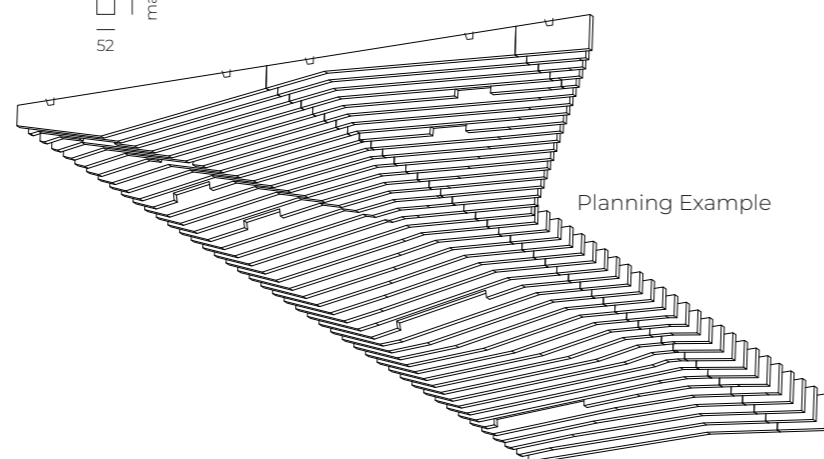
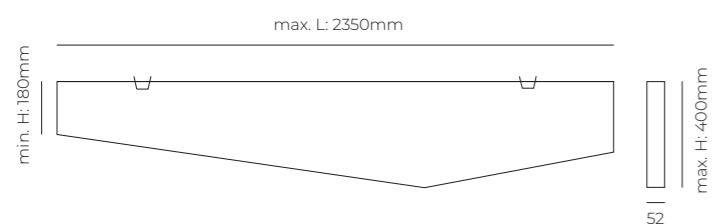
Alpine Boutique Hotel wollée, Austria,  
Photo: Joachim Rauch

# ACOUSTIC CEILING

## SHARP



Product Design: Ben Elmecker



Planning Example

### Design with Edges and Corners

Sharp brings structure to the space: with its angular, repetitive form, a distinctive ceiling image is created. The ability to flexibly adapt to different room sizes and requirements provides a high degree of customisation. Acoustic experts are available in all phases – from planning to consulting to implementation.

Recommended axle spacing 300mm

Compatible with LOG 50, MOVA or ROOGA light inserts



LOG 50

MOVA

ROOGA



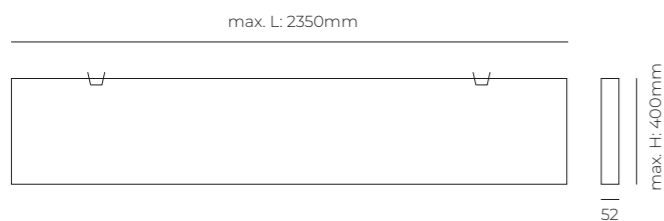
EUREF Campus, Düsseldorf, Germany,  
Photo: Foto Kleer

# ACOUSTIC CEILING

## STRAIGHT



Product Design: Ben Elmecker



### Standard without Light

CODE	L x B x H
A03-0106010VF	2350 x 52 x 200mm
A03-0109010VF	2350 x 52 x 300mm
A03-0112010VF	2350 x 52 x 400mm

### ADD ARTICLE NUMBER

V = packaging unit	F = colour acoustic element
1 piece = 1	moon grey = 4
5 pieces = 5	stone grey = 2
	charcoal grey = 3
	midnight black = 6

**Info** Solutions with integrated lighting and planning on request

### Calm and Clarity

Straight impresses with clear lines and efficient sound absorption. Flexibly planable in length, spacing, and arrangement, and available in all Core Colours – the ideal solution for minimalist spatial concepts. Specialist acoustic experts are available for planning, consulting, and implementation.

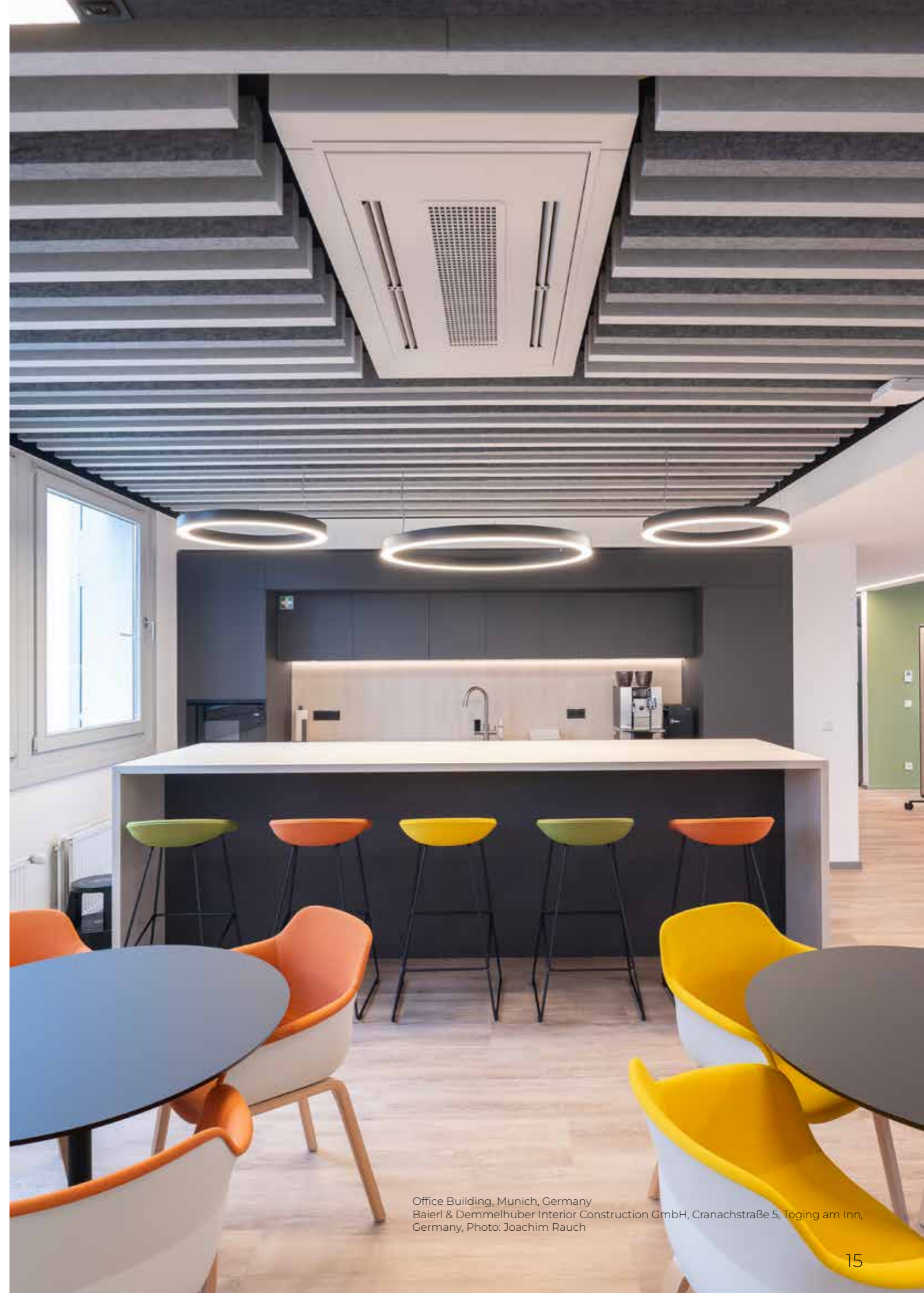
Compatible with LOG 50, MOVA or ROOGA light inserts



LOG 50

MOVA

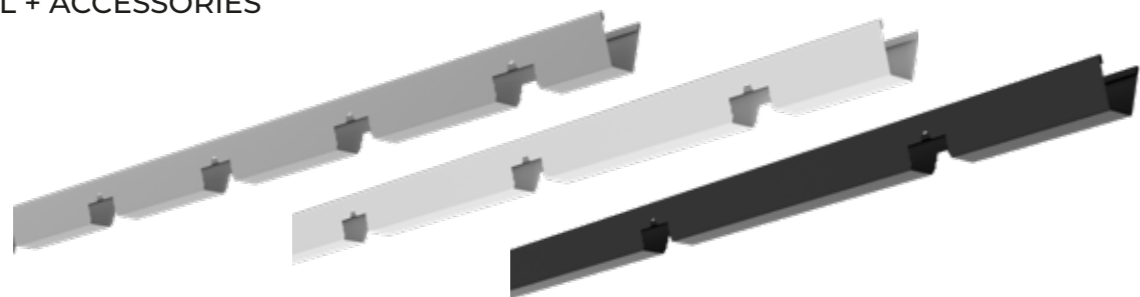
ROOGA



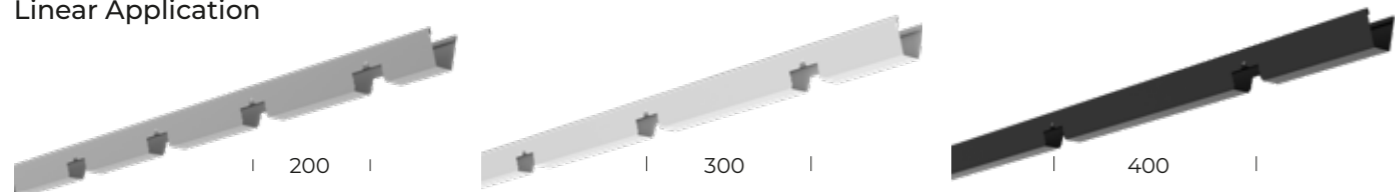
Office Building, Munich, Germany  
Baierl & Demmelhuber Interior Construction GmbH, Cranachstraße 5, Töging am Inn, Germany, Photo: Joachim Rauch

# ACOUSTIC CEILING

## CLAMP RAIL + ACCESSORIES



### Linear Application



#### Clamp rail 200

CODE	LENGTH	WHEELBASE
A49-01012F	2400mm	200mm

#### Clamp rail 300

CODE	Length	WHEELBASE
A49-01013F	2400mm	300mm

#### Clamp rail 400

CODE	LENGTH	WHEELBASE
A49-01014F	2400mm	400mm

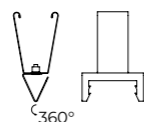
### Strange Application



#### Clamp rail without punching

CODE	LENGTH
A49-01010F	2400mm

+



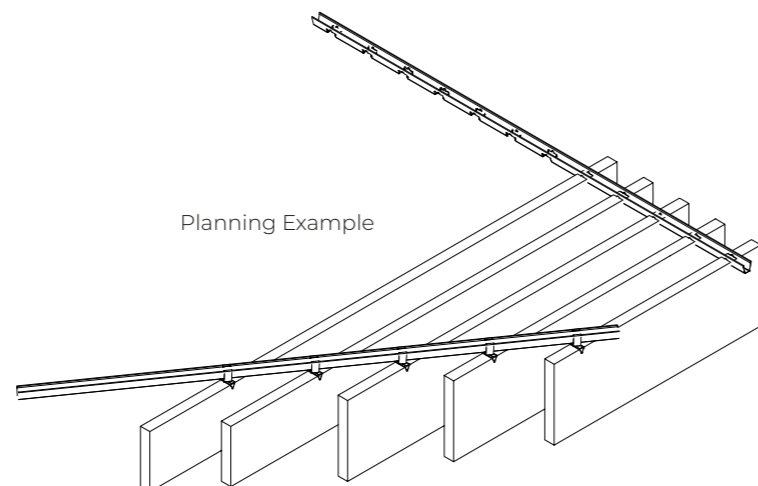
#### Single Clamp Bracket

CODE
A49-01083F

#### INFO

Only possible with rope and rod suspension or as slatted ceiling. Excluding angled rail.

Planning Example



#### ADD ARTICLE NUMBER

F = colour of clamping rail

grey = 4  
white = 5  
black = 6

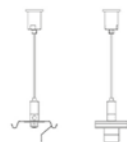


# ACOUSTIC CEILING

## INSTALLATION ACCESSORIES

### Rope Suspension

CODE	LENGTH
A49-010710	3000mm



### Rod/Ceiling Clip

CODE	CEILING SLAT SPACING
A49-010720	25 or 50 mm

10 pcs.



### Rod Suspension

CODE	LENGTH
A49-010730	350mm



### Raster Ceiling Clip

CODE	SLAT SPACING CEILING
A49-010740	40 or 80 mm



## Accessories

### End Cap

CODE	FOR
A49-01093F	terminal rail

### Adjustable Acoustic Ceiling Clip

CODE	FOR
A49-01082F	LOG 50 or busbar



### Connector Acoustic Rails

CODE
A49-010920



### Connection Clamp for Baffel

CODE
A49-007109

10 pcs.  
for suspended ceilings



### Side Mounting Arrow for Magnet

CODE	COLOUR
A49-009200	Steel

10 Stk.



### Magnet for Connecting Baffels

CODE	COLOUR
A49-007009	Nickel

10 pcs, 2 side mounting arrows required



ADD ARTICLE NUMBER

F = colour  
grey = 4  
white = 5  
black = 6

Montage video



# ACOUSTIC CEILING

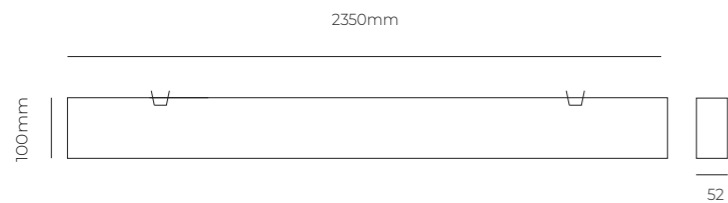
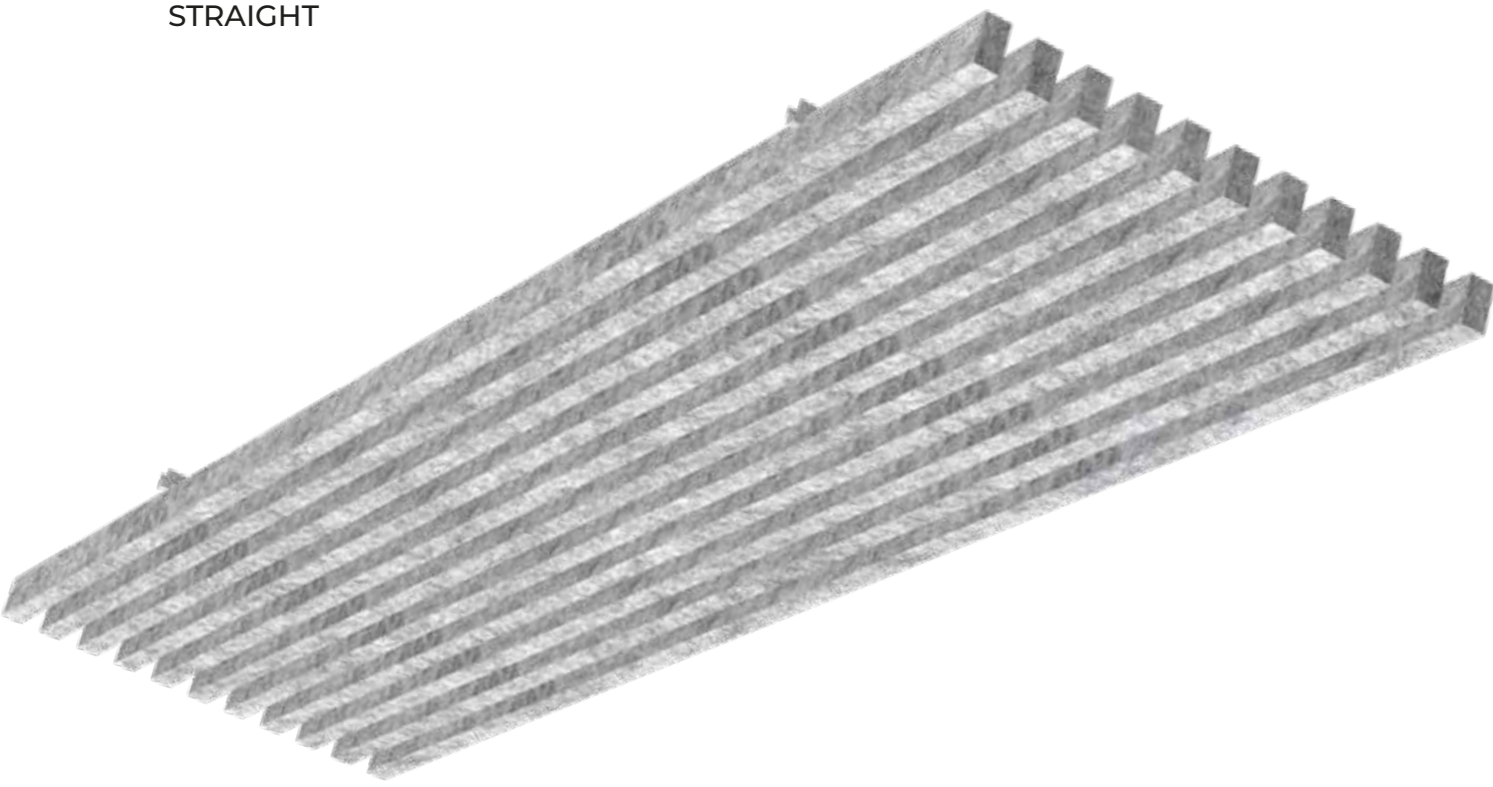
## BAFFEL CONNECTIONS

# SLATTED CEILING

## STRAIGHT

# SLATTED CEILING

## ASSEMBLY ACCESSORIES



### Slat Straight

CODE                      L x W x H  
**A03-0103010V**F****                      2350 x 52 x 100mm

#### ADD ARTICLE NUMBER

**V = packaging unit**                      **F = colour acoustic element**

1 piece = **1**                      ● moon grey = **4**  
 5 pieces = **5**                      ● stone grey = **2**  
 15 pieces = **9**                      ● charcoal grey = **3**  
    ● midnight black = **6**

Save time with the clever quick assembly method and high maintenance friendliness:

With the innovative quick assembly method, you significantly optimise your construction and renovation projects. The precisely prefabricated slats allow for a time-saving and straightforward installation that not only reduces the workload but also minimises sources of error. The slatted ceiling is also optimised

for light fixture installation and enables the easy integration of LOG 50 and 3-phase power tracks between the slats. Thanks to the modular design, the ceiling remains flexible and easy to maintain at all times.

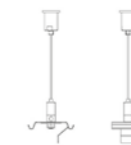
### Slat Clamp Rail

CODE                      L X AXIS DISTANCE  
**A49-01011**F****                      2332 x 106mm



### Rope Suspension

CODE                      LENGTH  
**A49-010710**                      3000mm



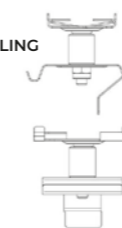
### Rod Suspension

CODE                      LENGTH  
**A49-010730**                      350mm



### Raster Ceiling Clip

CODE                      SLAT SPACING CEILING  
**A49-010740**                      40 or 80mm



### Rod/Ceiling Clip

CODE                      SLAT SPACING CEILING  
**A49-010720**                      25 or 50mm



### Connection Clamp for Baffle

CODE                      COLOUR  
**A49-007109**                      Stainless Steel  
 10 pcs.



### Lighting Clip Slatted Ceiling

CODE                      FOR  
**A49-010810**                      Log 50 & 3-Phase Rail



### End Cap

CODE                      FOR  
**A49-01093**F****                      terminal rail



#### ADD ARTICLE NUMBER

**F = colour**  
 grey = **4**  
 white = **5**  
 black = **6**

# MOLTO RAIL FOR BAFFEL

## Innovative Rail System

The specially developed rail system ensures maximum stability, flexibility and a high-quality integration of the acoustic ceiling solution.

## Quick and Easy Installation

The innovative rail system allows for particularly quick and efficient installation of the acoustic baffels. This reduces installation times and simplifies workflows.

## Precise Adjustment in Two Axes

The system can be aligned in two axes. Unevenness or adjustments to the room geometry can be easily compensated. Steel cable and rod suspension are additionally easy and precisely levelled, allowing for a clean, professional execution.

## Replaceable and Accessible Baffel

Individual baffels can be easily removed, exchanged or taken down for maintenance work and reinserted at. Technical installations remain easily accessible, facilitating maintenance and service work.

## Individual Design Options

The system offers great design freedom regarding arrangement, axle distances, shapes, colours and design variants for architecturally demanding projects.

## Flexible Light Integration

The direct integration of lighting elements – for example, via LOG50 or 3-phase tracks – is comfortably achieved through a user-friendly click system between the baffels. Additionally, baffels with integrated lighting are available, combining acoustics and lighting in one system.

## Integration of Technical Installations

Cut-outs for air conditioning units, ventilation outlets or sprinkler systems can be flexibly planned and neatly integrated.

## Even Ceiling Appearance Despite Complex Geometries

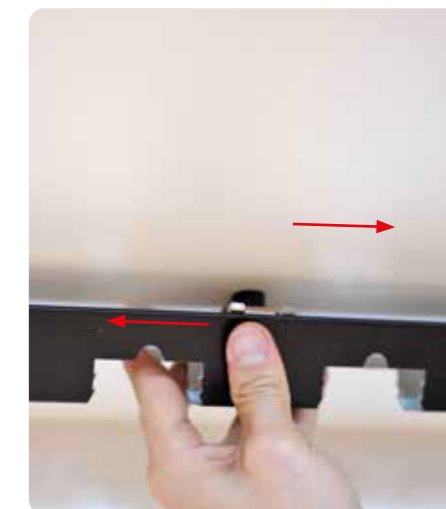
Our system is also suitable for asymmetrical floor plans and complex room geometries. Thanks to the flexible rail guidance and precise adjustability, even irregular ceiling areas can be implemented neatly and visually harmoniously.

## Ideal for Ceiling Core Activation

The open baffel system optimally supports heating and cooling systems in and on the ceiling, as no closed thermal barrier is created and air can circulate freely.

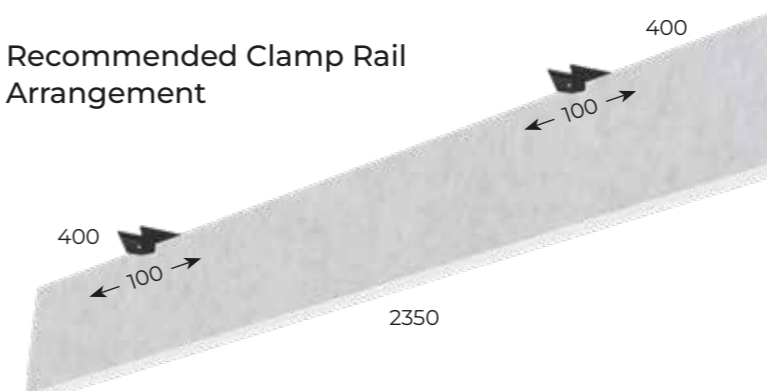
## Sprinkler-Friendly Solution

With a ceiling coverage of less than 30%, sprinkler systems can remain above the acoustic ceiling.



All mounting components can be clipped and aligned into the clamping rail without tools.

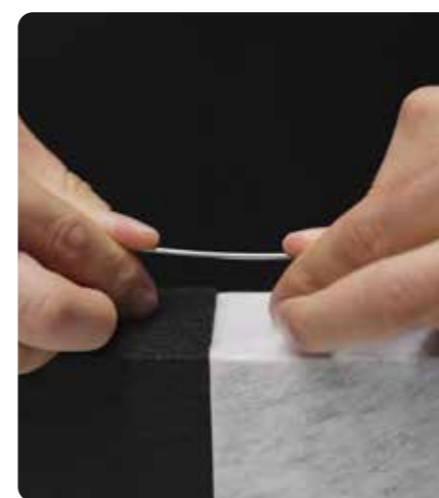
## Recommended Clamp Rail Arrangement



An even distribution of the clamping rails ensures a stable construction and an optimal weight distribution.



Quick grid ceiling installation with a clean, linear appearance and an integrated air conditioning unit behind, as well as a recessed smoke detector.



Thanks to the connection clamp, Baffels can be joined precisely and with minimal gaps.

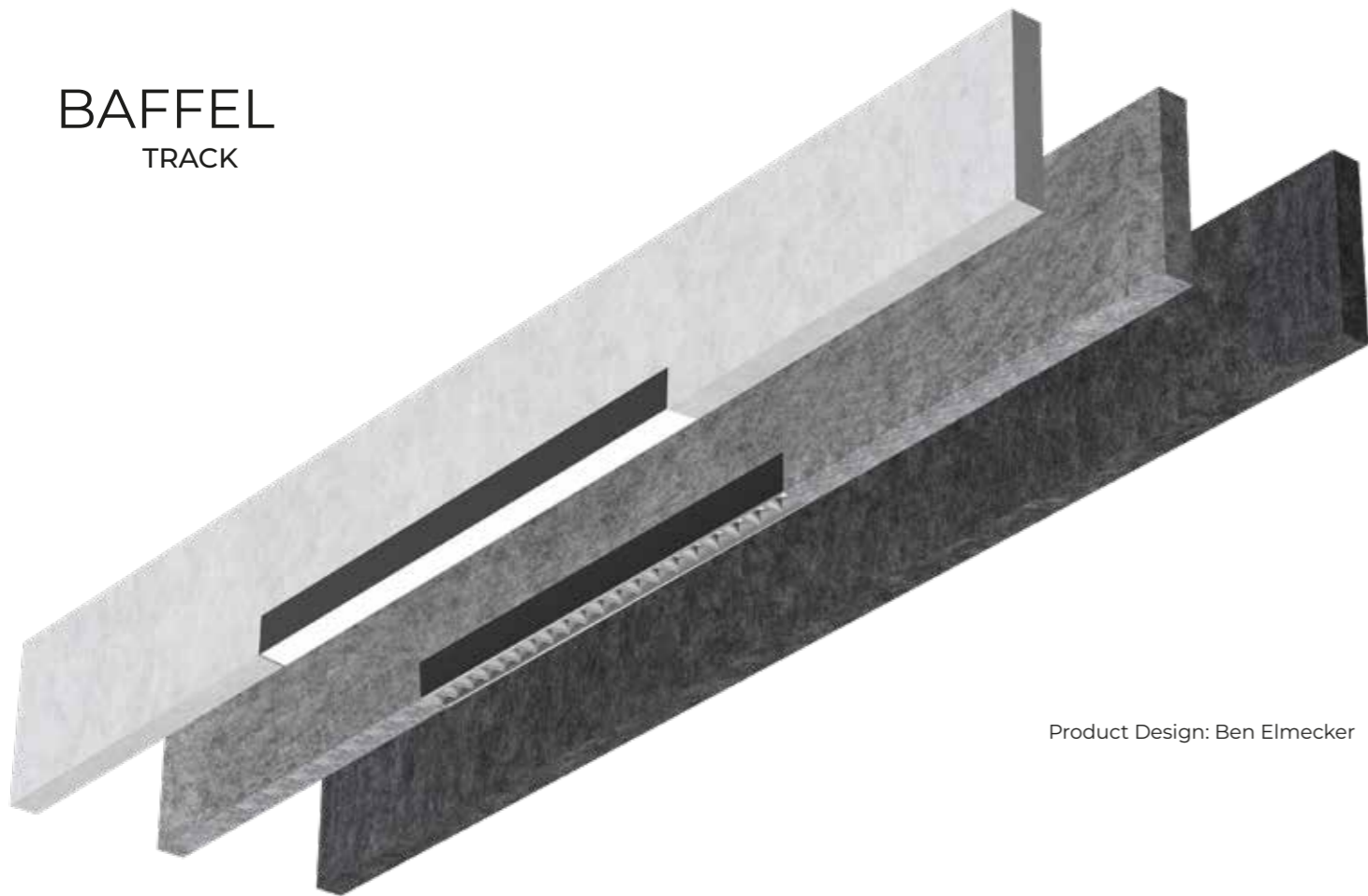


Tool-free assembly and disassembly of the baffling elements by simple compression.

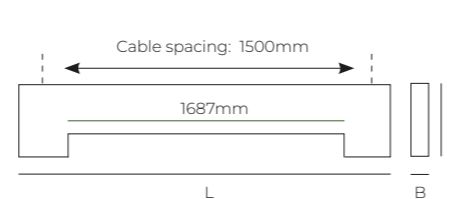
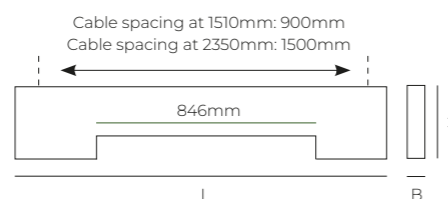
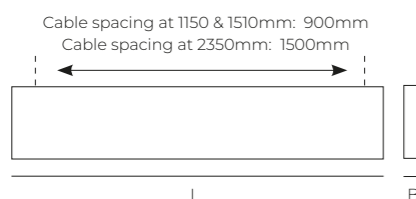


Flexible on-site adjustment is possible, allowing the rail to be easily cut with metal shears.

# BAFFEL TRACK



Product Design: Ben Elmecker



## Baffel Track Standard

CODE	L x W x H
A01-0101011VF	1150 x 52 x 230mm
A01-0102011VF	1510 x 52 x 230mm
A01-0103011VF	2350 x 52 x 230mm
A01-0104011VF	1150 x 52 x 290mm
A01-0105011VF	1510 x 52 x 290mm
A01-0106011VF	2350 x 52 x 290mm
A01-0107011VF	1150 x 52 x 390mm
A01-0108011VF	1510 x 52 x 390mm
A01-0109011VF	2350 x 52 x 390mm

**Info** without cut-out for light use

## Baffel Track for LOG 50 / 846mm

CODE	L x W x H
A01-01021111F	1510 x 52 x 230mm
A01-01031111F	2350 x 52 x 230mm
A01-01051111F	1510 x 52 x 290mm
A01-01061111F	2350 x 52 x 290mm
A01-01081111F	1510 x 52 x 390mm
A01-01091111F	2350 x 52 x 390mm

**Info** LOG 50 / 846 Order Aufbau Light separately (Info Page 28)

## Baffel Track for LOG 50 / 1687mm

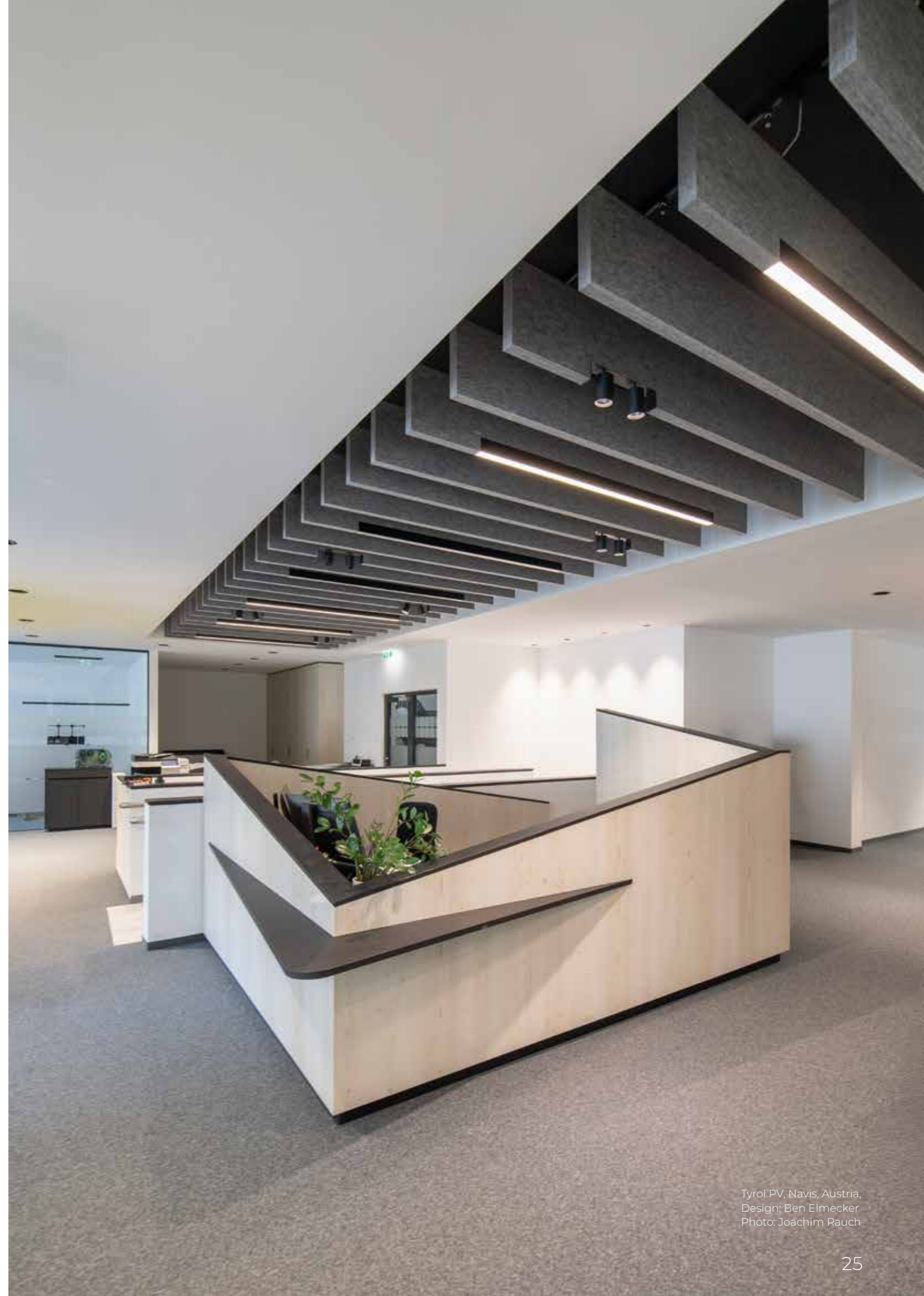
CODE	L x W x H
A01-01032111F	2350 x 52 x 230mm
A01-01062111F	2350 x 52 x 290mm
A01-01092111F	2350 x 52 x 390mm

**Info** LOG 50/1687 Order Aufbauleuchte separately (Info Page 28)

### ADD ARTICLE NUMBER

V = packaging unit	F = colour acoustic element
1 piece = 1	moon grey = 4
5 pieces = 5	stone grey = 2
	charcoal grey = 3
	midnight black = 6

Mounting accessories for Baffel Track on pages 30-31  
Caution: Minimum axis distance of the Baffel due to power supply in ON/OFF versions = 220mm, in Dali Dimm = 260mm

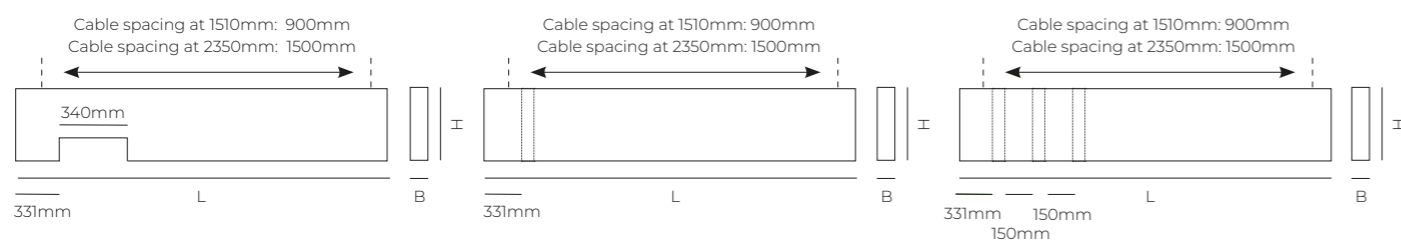


Tyrol PV, Navis, Austria,  
Design: Ben Elmecker  
Photo: Joachim Rauch

# BAFFEL TRACK



Product Design: Ben Elmecker



## Baffel Track for MOVA 2 flg.

CODE	L x W x H
A01-01025111F	1510 x 52 x 230mm
A01-01035111F	2350 x 52 x 230mm

A01-01055111F	1510 x 52 x 290mm
A01-01065111F	2350 x 52 x 290mm

A01-01085111F	1510 x 52 x 390mm
A01-01095111F	2350 x 52 x 390mm

**Info** order MOVA lighting separately (info page 28)

## Baffel Track for ROGGA 1 flg.

CODE	L x W x H
A01-01053111F	1510 x 52 x 290mm
A01-01063111F	2350 x 52 x 290mm

**Info** order ROGGA PD lighting separately (info page 29)

## Baffel Track for ROGGA 3 flg.

CODE	L x W x H
A01-01054111F	1510 x 52 x 290mm
A01-01064111F	2350 x 52 x 290mm

**Info** order ROGGA PD lighting separately (info page 29)

### ADD ARTICLE NUMBER

- F = colour acoustic element
- moon grey = 4
  - stone grey = 2
  - charcoal = 3
  - midnight black = 6

Mounting accessories for Baffel Track on pages 30-31.  
Caution: Minimum axle distance of the Baffel due to power supply for ON/OFF versions = 220mm, for Dali Dimm = 260mm



Neoom Free City, Freistadt, Austria,  
Planning & Realisation: Ben Elmecker  
Photo: Joachim Rauch

# LIGHT INSERTS

## BAFFEL TRACK



Product Design: Ben Elmecker

### Light insert LOG 50 Setup Light

CODE	LENGTH	SYS W	LUMENS	COLOUR
716-01011110196000	846mm	10	1250	black
716-01011410196000	1687mm	20	2510	black

### Track Feed-in for Light insert LOG 50

CODE	CABLE
A50-01208000000060	3x 0.75mm
A50-0120800000006d	5x 0.75mm



**Info** 3000K, CRI>80, with opal diffuser, power supply to be ordered separately. Variants with microprism, grid insert, or various light colours can be ordered online in our LOG 50 configurator.

**Info** Transparent cable, L: 1750mm + 3-phase adapter

### Transparent cable

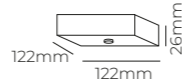
CODE	CABLE
301-k1547b2	3x 0.75mm
301-k1787b2	5x 0.75mm



**Info** L: 1750mm, for installation with canopy

### Canopy Square

CODE	COLOUR
301-212000000400	grey
301-212000000500	white
301-212000000600	black



**Info** Order transparent cable separately



Product Design: Ben Elmecker

### Light insert MOVA

CODE	SYS W	LUMEN	COLOUR
A50-114951CRWW06Y	2x 14	2x 1510	black

**Info** Premium CRI>90, incl. Feed-in for power rail. Variants with dark reflector or various optics on request

### ADD ARTICLE NUMBER

<b>G</b> = protective glass	<b>R</b> = reflector	<b>WW</b> = light colour	<b>Y</b> = dimmable
without = 0	spot 17° = 2	2700K = 43	switchable = 0
with = 1	medium 24° = 3	3000K = 49	DALI dimmable = p
	flood 40° = 4	3500K = 47	
		4000K = 24	



Product Design: Ben Elmecker

### Light insert ROGGA PD Track 320mm

CODE	SYS W	LUMEN	COLOUR
147-0201501230496650	6,5	590	black

**Info** 3000K, 30° beam angle, Premium CRI>90, including power supply. Variants with various light colours, dark reflector, lens or LFO available to order online in our ROGGA configurator.

# INSTALLATION / MOUNTING ACCESSORIES

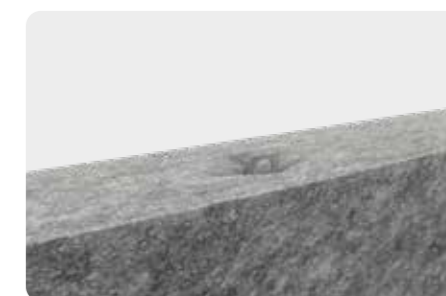
## BAFFEL TRACK

### Suspension Arrow for Hooks

CODE	COLOUR
A49-009100	Steel



10 pcs, for non-standard assemblies




# BAFFEL TRACK MOUNTING RAILS AND ACCESSORIES

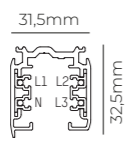
WITH AND WITHOUT ELECTRIFICATION FOR BAFFEL

## 3-Phase Mounting Rail switchable ON / OFF

CODE	LENGTH
208-1910410F	1000mm
208-1910420F	2000mm
208-1910430F	3000mm
208-1910440F	4000mm



IP 20  

220-240V AC

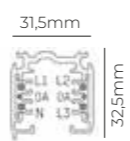


## 3-Phase Mounting Rail Pulse DALI dimmable

CODE	LENGTH
208-1910610F	1000mm
208-1910620F	2000mm
208-1910630F	3000mm
208-1910640F	4000mm

IP 20  

220-240V AC

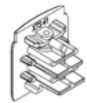


 ADD ARTICLE NUMBER

F = colour  
black = 2  
white = 3  
grey = 5

## End Cap for All Rails

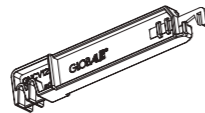
CODE  
208-1917041F



Info All busbars must be fitted with an end cap!

## Beige Tool

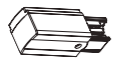
CODE  
208-19135121



Info For Bending the Current Conductors with Shortened Rail

## Feed-in

CODE	LENGTH	DIM
208-1917011F	66mm	on/off
208-191c611F	90mm	Pulse Dali



on/off



Protection Leader Right

Pulse Dali



Safety Leader Right

## Feed-in

CODE	LENGTH	DIM
208-1917012F	66mm	on/off
208-191c612F	90mm	Pulse Dali



on/off



Safety Leader Left

Pulse Dali



Protection Leader Left

 ADD ARTICLE NUMBER

F = colour  
grey = 1  
black = 2  
white = 3

## Central Feed-In

CODE	LENGTH	DIM
208-1917014F	100mm	on/off
208-191Nc614F	150mm	Pulse Dali

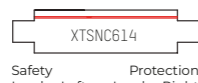


on/off



Protection Leader Left Protection Leader Right

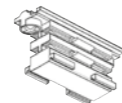
Pulse Dali



Safety Leader Left Protection Leader Right

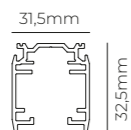
## Linear Connectors for conductor rails

CODE	DIM
208-1917021F	on/off
208-191d621F	Pulse Dali



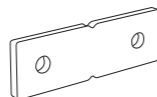
## Mounting rail without wiring

CODE	COLOUR	LENGTH
A49-001305	white	3000mm
A49-001306	black	3000mm



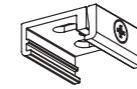
## Linear Connector

CODE	COLOUR
A49-001001	Steel



## Ceiling Mount

CODE	COLOUR
208-19180123	white
208-19180122	black
208-19180121	aluminium



## Raster Ceiling Clip

CODE	COLOUR
208-19180116	white
208-19180115	black
208-19180114	grey



## Rail adapter de-energised

CODE	COLOUR
208-19160142	black



## Rail Hook

CODE	COLOUR
A49-006215	white
A49-006216	black

10 pcs.



## Steel Cable Hook

CODE	COLOUR
A49-004009	Nickel



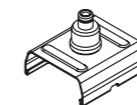
## Wire suspension including busbar adapter

CODE
A49-004419

## Quick Release

CODE	COLOUR
639-AS	Nickel

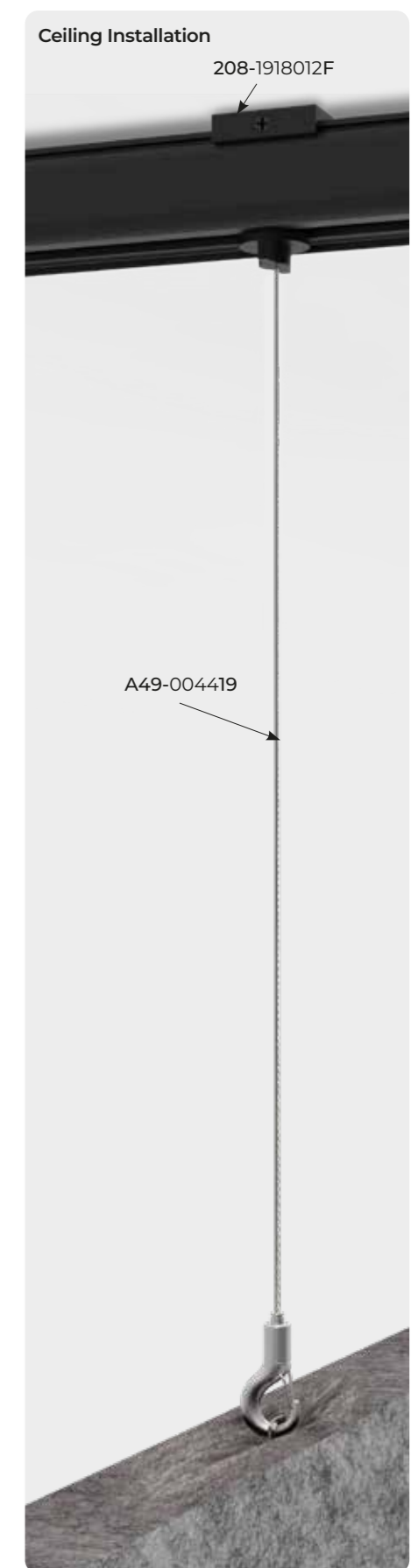
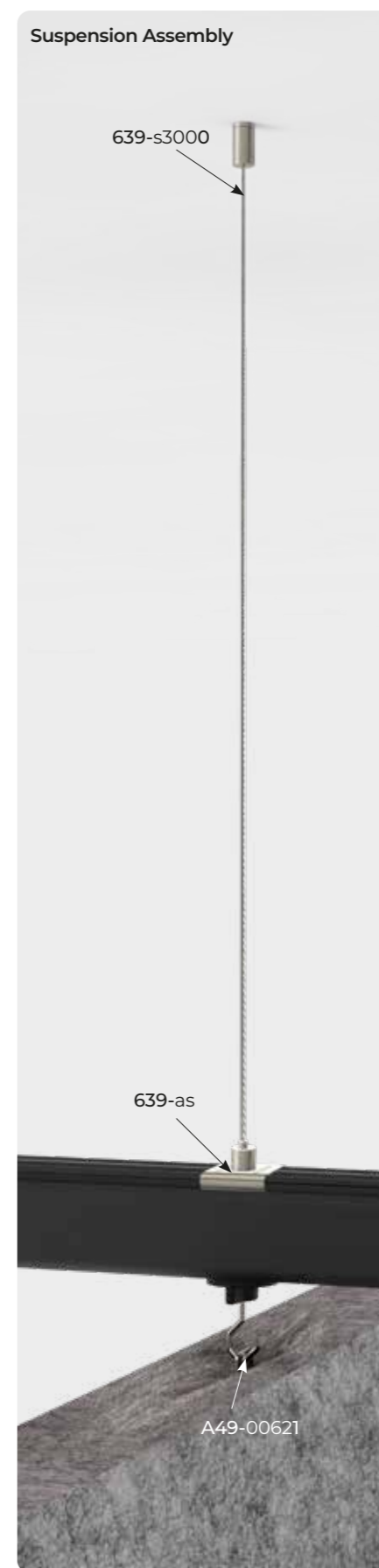
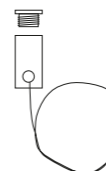
Order steel cable suspension set separately



## Steel Cable Suspension

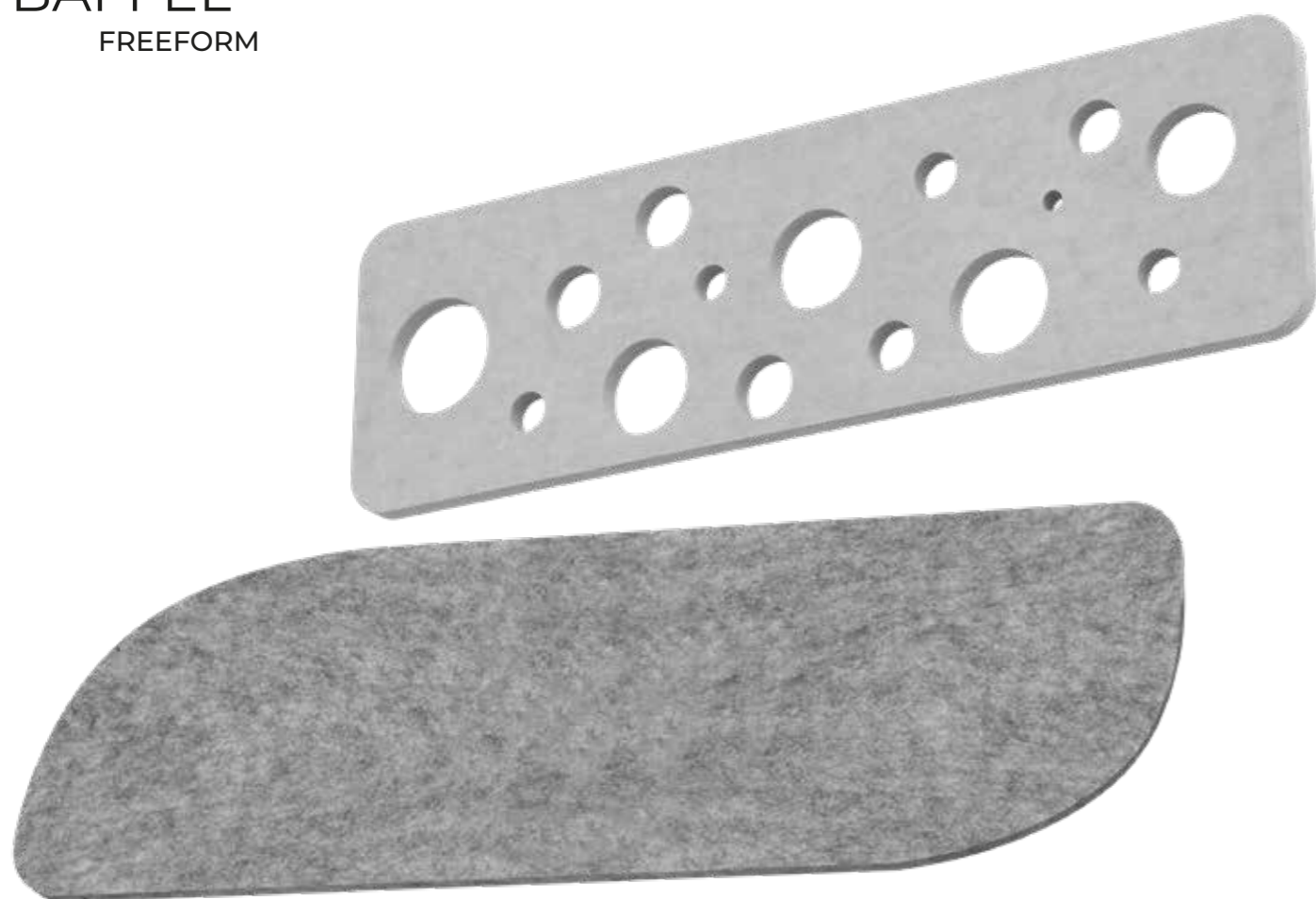
CODE	LENGTH	COLOUR
639-S3000	3000mm	Nickel
639-S6000	6000mm	Nickel

arbitrarily shorten, Ø1.2mm



# BAFFEL

FREEFORM



max. L: 2350mm



max. H: 500mm

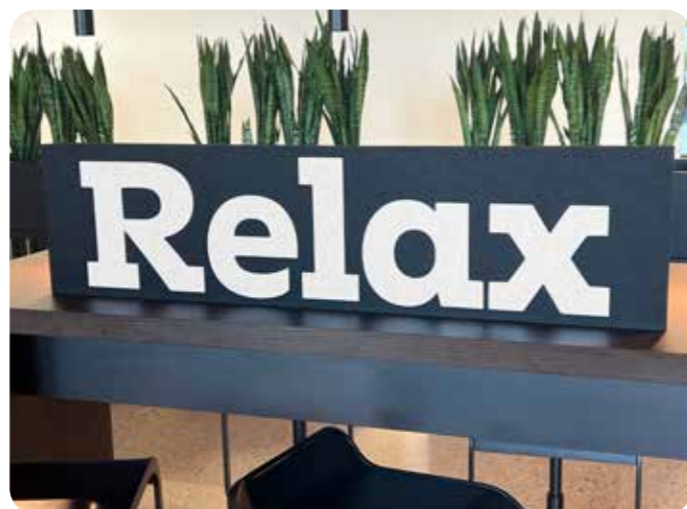
52

## Individual as your Visions

With the BAFFEL Freeform, we offer you enormous possibilities in shaping.

Whether curved, organic or geometric – the design is entirely based on your ideas. Formats up to 2350mm in length and 500mm in height are achievable.

And this is where our experienced planning service comes into play: Together with you, we develop unique custom solutions that are acoustically and aesthetically precisely tailored to your project.



# ACOUSTIC SAIL

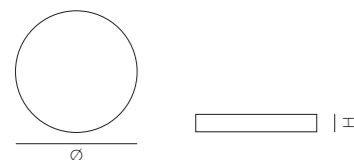
## ABSORBER ROUND



### Baffel Absorber Round

CODE	Ø x H
A04-02090100F	600 x 52mm
A04-02100100F	900 x 52mm
A04-02110100F	1200 x 52mm
A04-02120100F	1500 x 52mm

**Info** Order mounting accessories for wall-ceiling installation or pendant installation separately (See page 41)

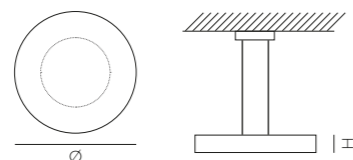


### Basic Absorber Round PD Bido

CODE	Ø x H
A04-02106120F	900 x 52mm für Bido 400
A04-02116120F	1200 x 52mm für Bido 600

**Info** With cut-out for pendant light BIDO  
Including mounting parts for BIDO  
Not suitable for wall or ceiling mounting.

Order BIDO pendant light separately (See page 40)



#### Mounting



#### Mounting



#### ADD ARTICLE NUMBER

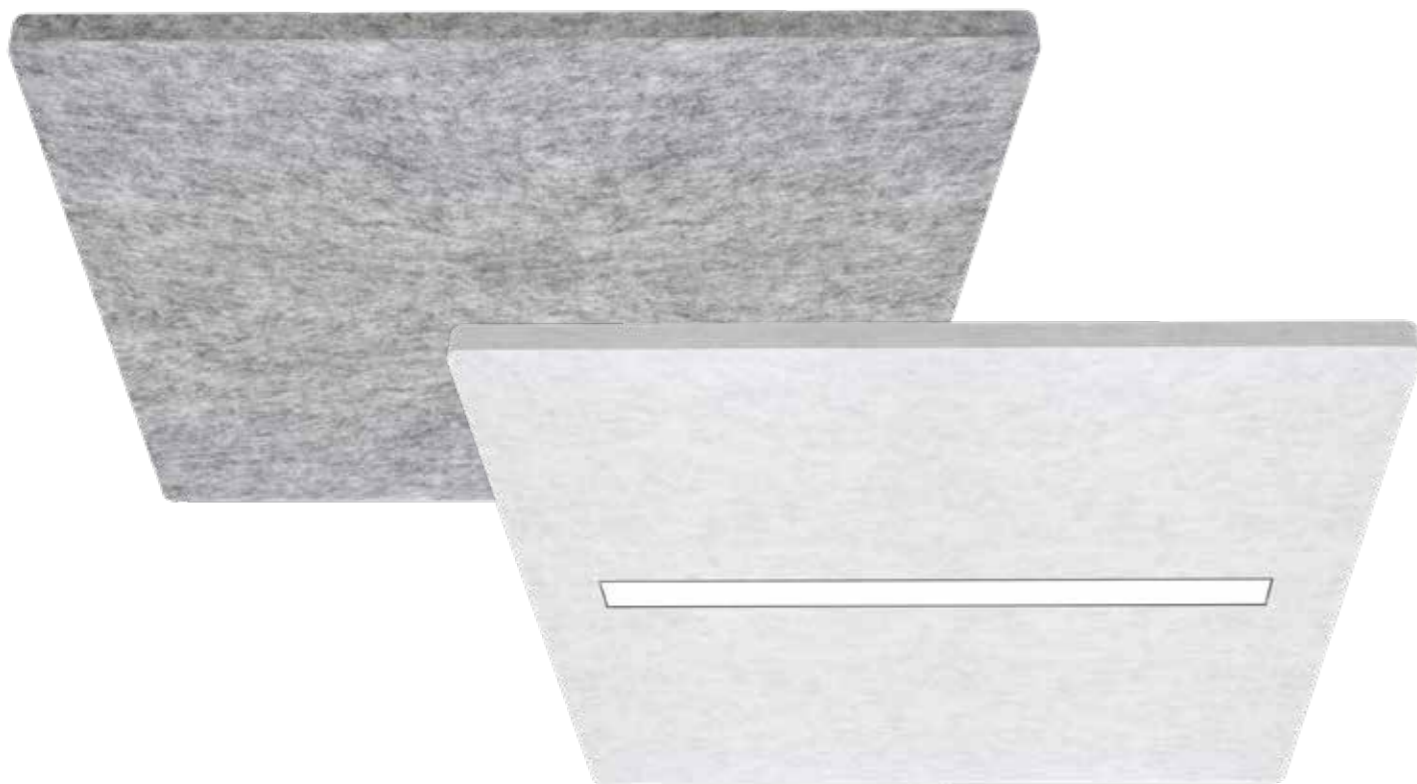
F = colour acoustic element

- moon grey = 4
- stone grey = 2
- charcoal = 3
- midnight black = 6



# ACOUSTIC SAIL

## ABSORBER SQUARE



### Basic Absorber Square

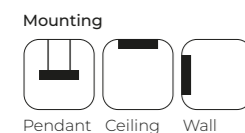
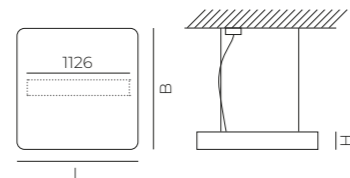
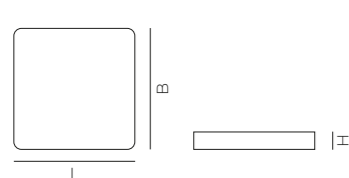
CODE	L x W x H
A04-01010100F	520 x 520 x 52mm
A04-01040100F	780 x 780 x 52mm
A04-01060100F	1040 x 1040 x 52mm
A04-01070100F	1560 x 1560 x 52mm

**Info** Mounting accessories for wall-ceiling installation or pendant installation to be ordered separately (See page 41)

### Basic Absorber Square PD Log 50

CODE	L x W x H
A04-01075120F	1560 x 1560 x 52mm

**Info** With cut-out for pendant light Log50 1126mm Including mounting parts for LOG 50 and suspension Not suitable for wall or ceiling mounting.  
Order LOG 50 pendant light separately (See page 40)

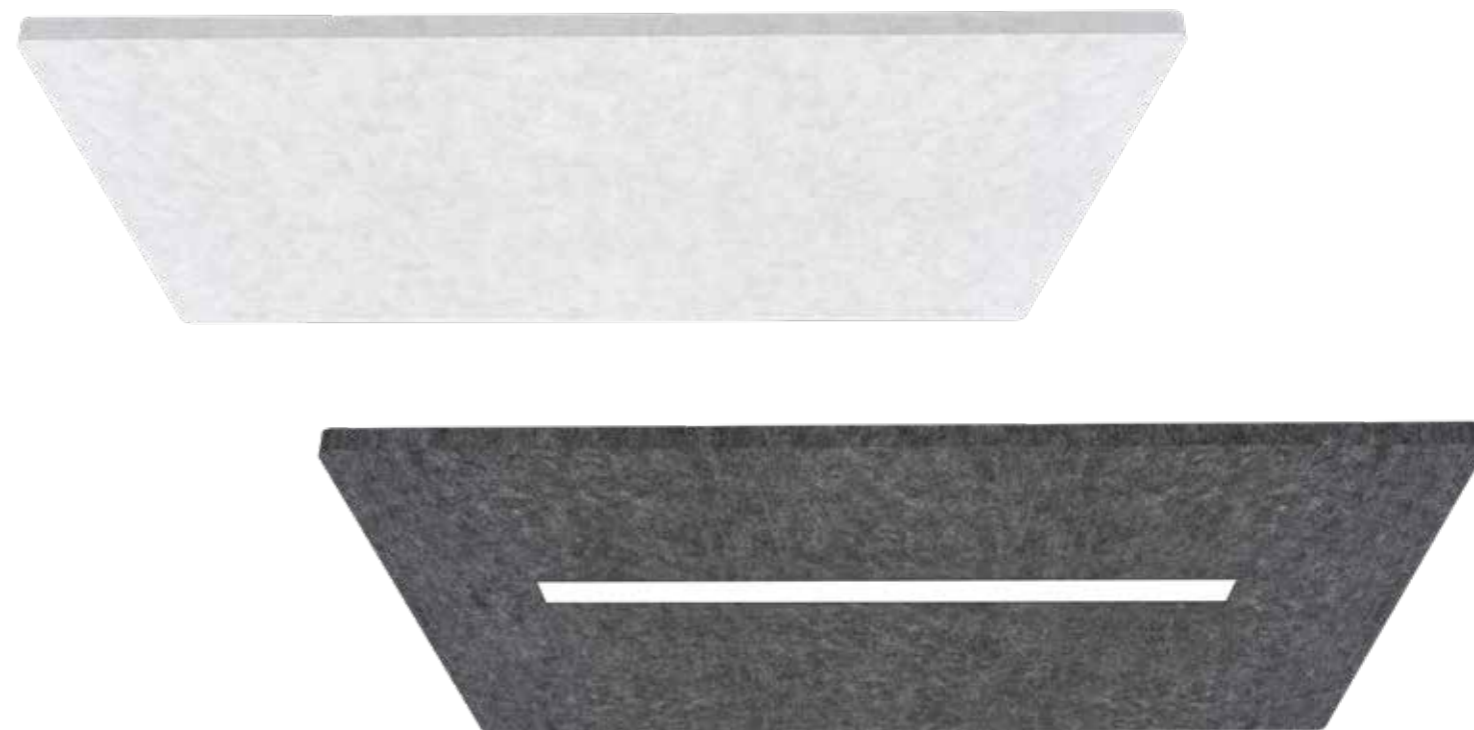


#### ADD ARTICLE NUMBER

- F = colour acoustic element
- moon grey = 4
  - stone grey = 2
  - charcoal = 3
  - midnight black = 6

# ACOUSTIC SAIL

## ABSORBER RECTANGULAR



### Basic Absorber Rectangular

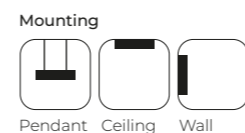
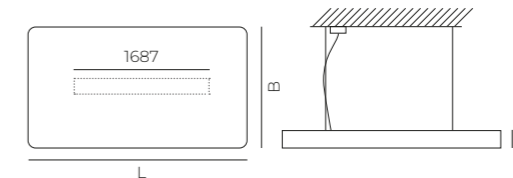
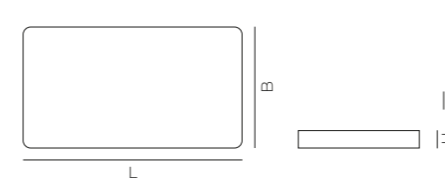
CODE	L x W x H
A04-04020100F	780 x 520 x 52mm
A04-04030100F	1040 x 520 x 52mm
A04-04050100F	1040 x 780 x 52mm
A04-04080100F	1040 x 1560 x 52mm
A04-04150100F	2340 x 1560 x 52mm

**Info** Mounting accessories for wall-ceiling installation or pendant installation to be ordered separately (See page 41)

### Basic Absorber Rectangular PD Log 50

CODE	L x W x H
A04-04155120F	2340 x 1560 x 52mm

**Info** With cut-out for pendant light Log50 1687mm Including mounting parts for LOG 50 and suspension Not suitable for wall or ceiling mounting.  
Order LOG 50 pendant light separately (See page 40)

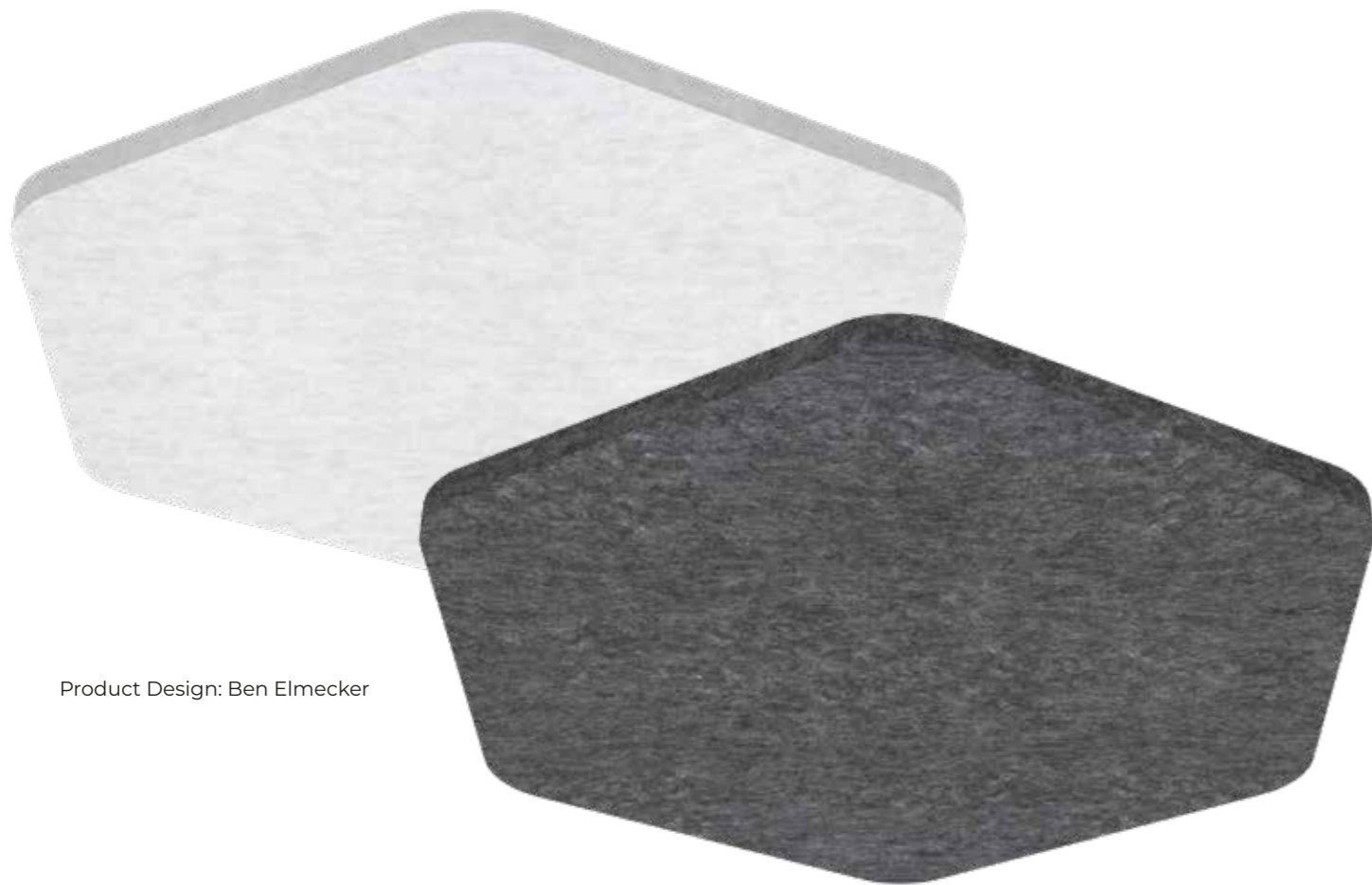


#### ADD ARTICLE NUMBER

- F = colour acoustic element
- moon grey = 4
  - stone grey = 2
  - charcoal = 3
  - midnight black = 6

# ACOUSTIC SAIL

## LON HEXAGON

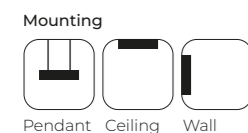
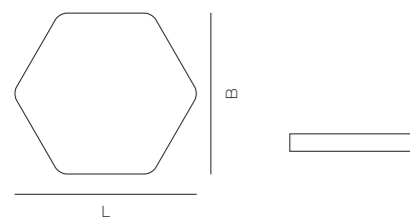


Product Design: Ben Elmecker

### Basic Absorber LON Hexagon

CODE	L x W x H
A04-03130100F	1031 x 935 x 52mm
A04-03140100F	1548 x 1383 x 52mm

**Info** Mounting accessories for wall-ceiling installation or pendant installation to be ordered separately (See page 41)



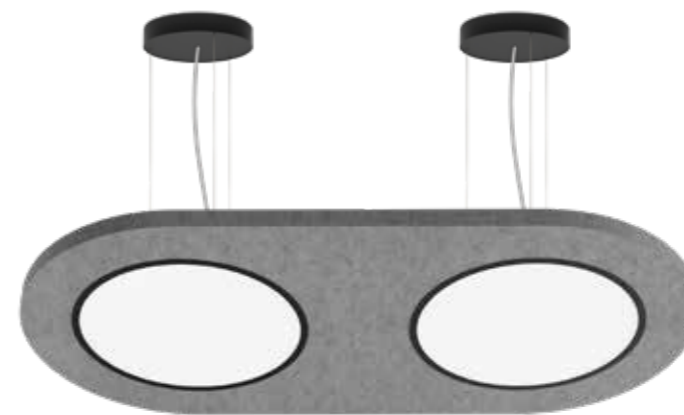
### ADD ARTICLE NUMBER

F = Colour acoustic element

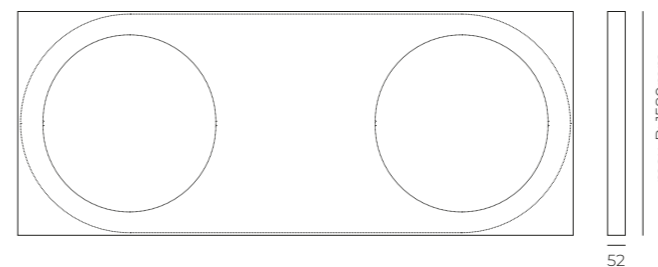
- moon grey = 4
- stone grey = 2
- charcoal = 3
- midnight black = 6

# ACOUSTIC SAIL

## ABSORBER FREEFORM



max. L: 2350mm



### Freedom in Form and Function

Freeform Absorber open up new dimensions of spatial design: The individually configurable acoustic elements can be realised in almost any shape – from organically flowing to precisely geometric. Combined with various lighting inserts, bespoke ceiling solutions are created that seamlessly connect acoustics and lighting.

Can be combined with many lights from the Molto Luce programme, such as...



ROGGA M PD

MOVA M EB TURN

MOVA M EB STARR

MOVA S EB STARR

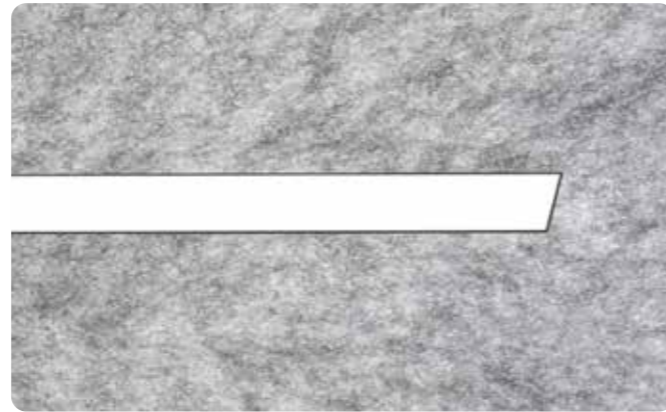
COZY

# LIGHT INSERTS FOR ABSORBERS

## LOG 50 Pendant Light

CODE	L x W x H	SYS W	LUMEN	COLOUR
716-0201121019600	1126mm	14	1720	black
716-0201141019600	1687mm	20	2570	black

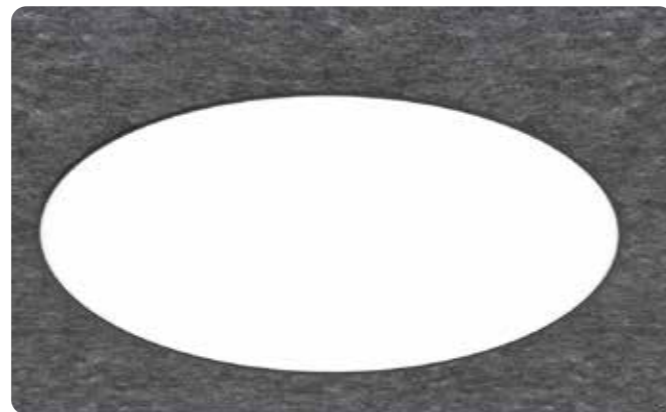
**Info** 3000K, CRI>80, with opal diffuser, including suspension and power supply, variants with micro-prism, grid insert and various light colours available online in our LOG 50 configurator.



## BIDO Pendant Light

CODE	L x W x H	SYS W	LUMEN	COLOUR
719-013211121906060	406mm	10	1440	black
719-013311121906060	607mm	22	3370	black

**Info** 3000K, CRI>80, with opal diffuser, including suspension and power supply, variants with micro-prism and various light colours available online in our BIDO configurator.

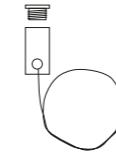


# MOUNTING / INSTALLATION ACOUSTIC SAILS

## Hanging Set

CODE	SEAL LENGTH
A49-004319	3000mm

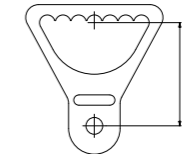
**Info** Obtain order quantity from the table



## Wand Montage Set

CODE
A49-103045

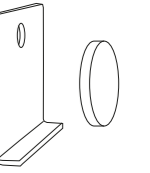
**Info** Obtain order quantity from the table



## Magnet Fixing Wall

CODE	COLOUR
A49-003140	Steel

**Info** Obtain order quantity from the table



## Mounting Adhesive for Ceiling Installation

CODE	CONTENT
A49-000810	310ml

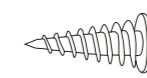
**Info** approx. 8m<sup>2</sup> Material/Unit.







## Replaceable dowels

CODE	MATERIAL
A49-000205	Plastic

**Info** 10 pcs.

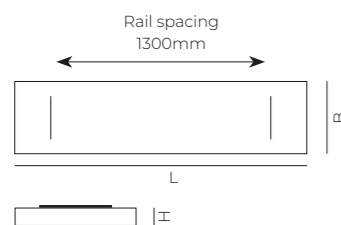


Replaceable dowels freely positionable

Absorber	Dimensions	Type of installation		
		Suspended	Wall	Magnet
 Round	Ø 600	3x	3x	3x
 Square	520 x 520mm	4x	4x	4x
 Rectangular	780 x 520mm	4x	4x	4x
 Hexagon	1031 x 935mm	3x	3x	3x

# ABSORBER

## FLEX ABSORBER



### Flex Absorber

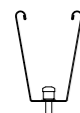
CODE	L x W x H
A07-1101011VF	2350 x 230 x 52mm
A07-1102011VF	2350 x 290 x 52mm
A07-1103011VF	2350 x 390 x 52mm

Info without light application except



### Clamping rail without cut-out

CODE	L x W x H
A49-01010F	2350 x 230 x 52mm



### Mounting Bracket Flex Absorber

CODE	L x W x H
A49-010840	2350 x 230 x 52mm

Info 4er Set

### Accessories

#### Rope Suspension

CODE	L
A49-010710	3000mm



#### Rod Suspension

CODE	L
A49-010730	350mm



#### Rod/Ceiling Clip

CODE	SLAT SPACING CEILING
A49-010720	25 or 55mm



#### Raster Ceiling Clip

CODE	SLATTED CEILING
A49-010740	40mm



#### Connector Acoustic Rails

CODE
A49-010920



### ADD ARTICLE NUMBER

V = packaging unit	F = colour acoustic element	F = colour rail
1 piece = 1	moon grey = 4	grey = 4
5 pieces = 5	stone grey = 2	white = 5
	charcoal grey = 3	black = 6
	midnight black = 6	



# AKUSTIKSEGEL CELL



Without light cut-out

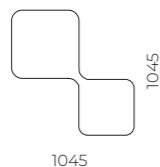
### Cell P Square S/M/L

CODE	SIZE	L x W x H
A08-0201000FF	S	415 x 415 x 61mm
A08-0202000FF	M	630 x 630 x 61mm
A08-0203000FF	L	830 x 830 x 61mm



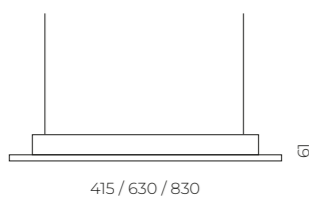
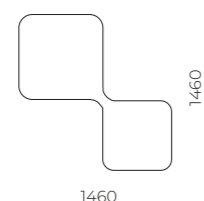
### Cell P Double S/M

CODE	L x W x H
A08-0211000FF	1045 x 1045 x 61mm



### Cell P Double M/L

CODE	L x W x H
A08-0212000FF	1460 x 1460 x 61mm



With Light Cut-Out

### Cell PD Square M TURN ON

CODE	L x W x H
A08-0202010FF	630 x 630 x 61mm



### Cell PD Square M ROGGA 2fl.

CODE	L x W x H
A08-0202030FF	630 x 630 x 61mm



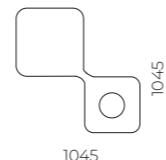
### Cell PD Square L FLEX

CODE	L x W x H
A08-0203020FF	630 x 630 x 61mm



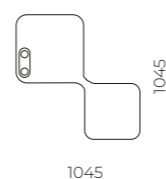
### Cell PD Double S/M TURN ON

CODE	L x W x H
A08-0211010FF	1045 x 1045 x 61mm



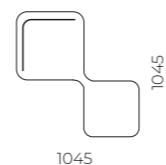
### Cell PD Double S/M ROGGA

CODE	L x W x H
A08-0211030FF	1045 x 1045 x 61mm



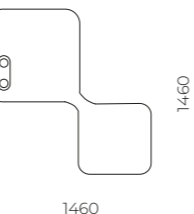
### Cell PD Double S/M FLEX

CODE	L x W x H
A08-0211020FF	1045 x 1045 x 61mm



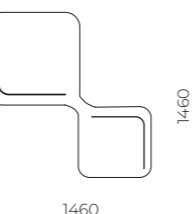
### Cell PD Double M/L ROGGA

CODE	L x W x H
A08-0212030FF	1460 x 1460 x 61mm



### Cell PD Double M/L FLEX

CODE	L x W x H
A08-0212020FF	1460 x 1460 x 61mm



ADD ARTICLE NUMBER

FF = colour acoustic element

- almond shade = 01
- light cream = 02
- wave blue = 03
- ocean blue = 04
- forest green = 05
- clay khaki = 06



Available in our 20 Creative Colours upon individual request

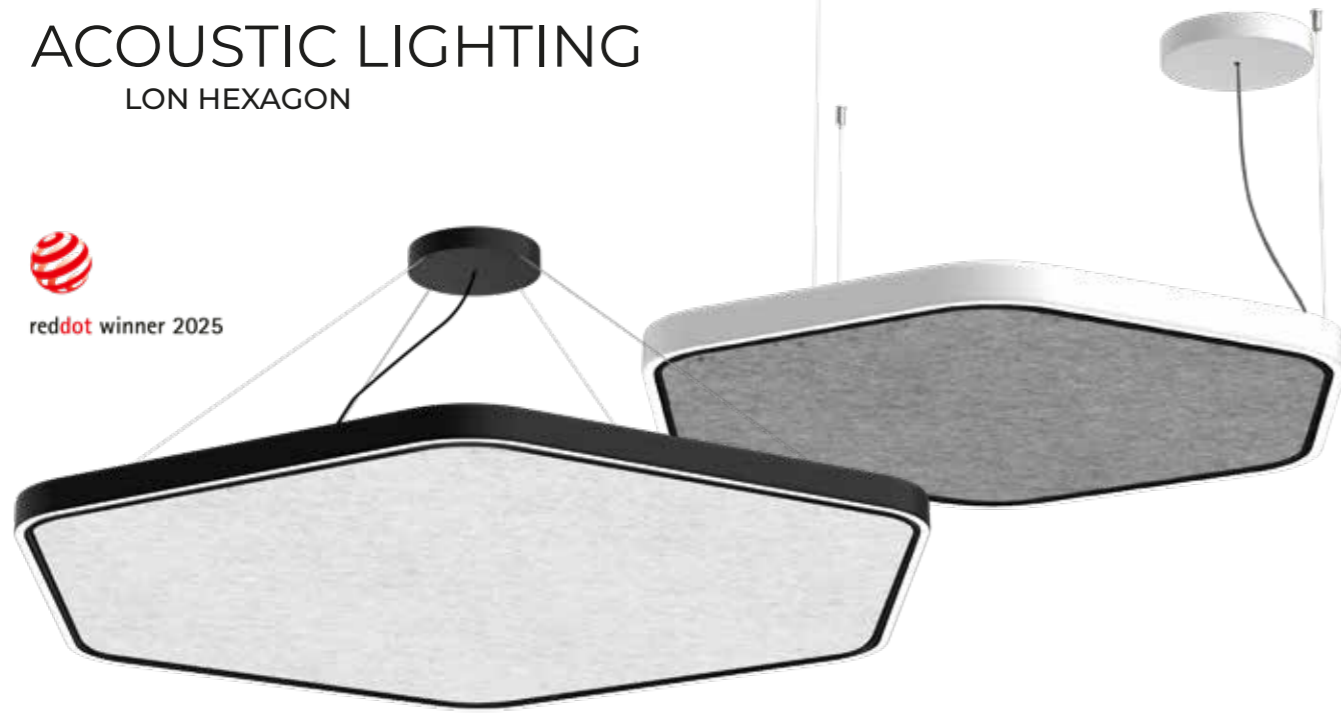


# ACOUSTIC LIGHTING

## LON HEXAGON



reddot winner 2025



Product Design: Ben Elmecker

### Lon Hexagon PD / directly lighting

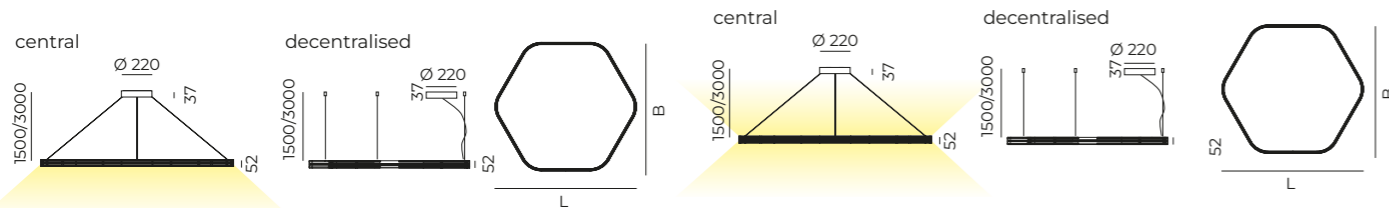
CODE	L x W	SYS W	LUMEN
224-0211CC1VWXXZZ00Y	1022 x 924mm	33	1860-2010
224-0212CC1VWXXZZ00Y	1500 x 1387mm	49,5	2780-3020

Info LON Hexagon Absorber: see page 38

### Lon Hexagon PDI / directly / indirectly lighting

CODE	L x W	SYS W	LUMEN
224-0221CC1VWXXZZ00Y	1022 x 924mm	65,5	3660-3960
224-0222CC1VWXXZZ00Y	1500 x 1387mm	98,5	5510-5970

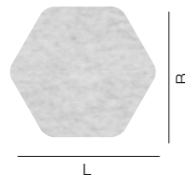
Info LON Hexagon Absorber: see page 38



### Lon Hexagon Acoustic Element

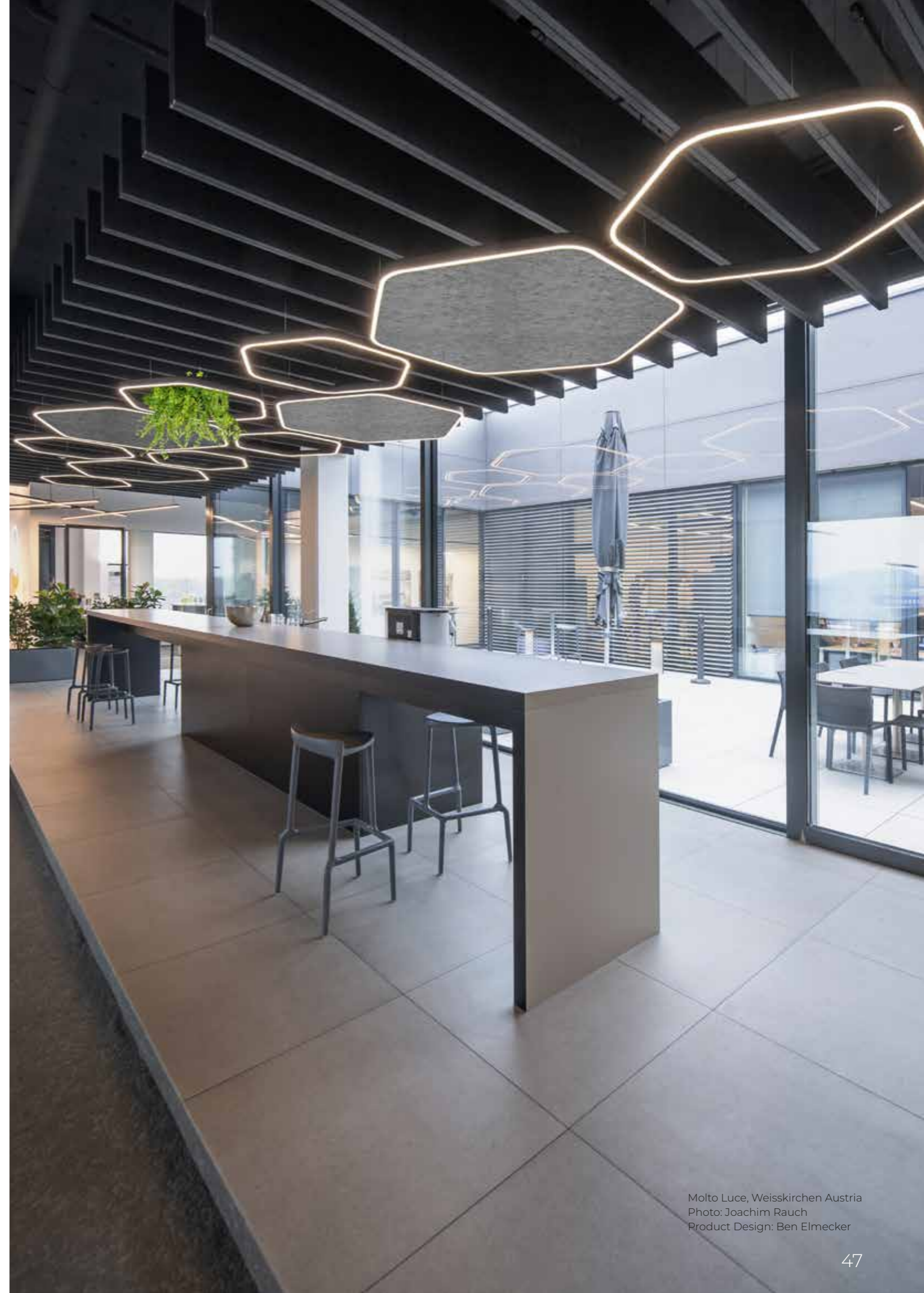
CODE	L x W
224-020100000000AA0	986 x 888mm
224-020200000000AA0	1351 x 1464mm

Info LON Hexagon Absorber: see page 38 (order separately)



### ADD ARTICLE NUMBER

<p>CC = suspension</p> <p>central / 3000mm = 12</p> <p>decentralised / 3000mm = 22</p>	<p>WW = light colour</p> <p>2700K CRI&gt;90 = 23</p> <p>3000K CRI&gt;90 = 29</p> <p>4000K CRI&gt;90 = 24</p>	<p>XXZZ = colour</p> <p>white = 05</p> <p>black = 06</p> <p>white = 05</p> <p>black = 06</p>	<p>AA = colour acoustic element</p> <p>moon grey = 95</p> <p>stone grey = 94</p> <p>charcoal grey = 99</p> <p>midnight black = 96</p>	<p>Y = dimmable</p> <p>switchable = 0</p> <p>DALI dimmable = d</p> <p>CASAMBI dimmable = c</p>
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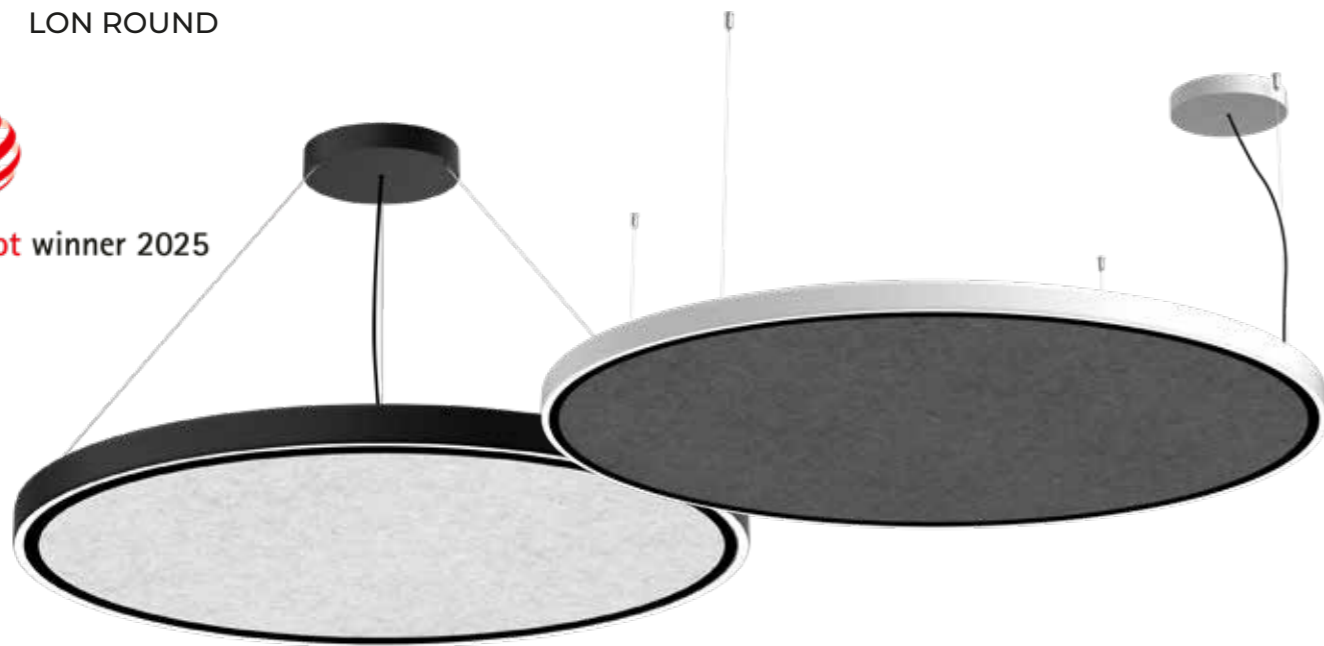


# ACOUSTIC LIGHTING

LON ROUND

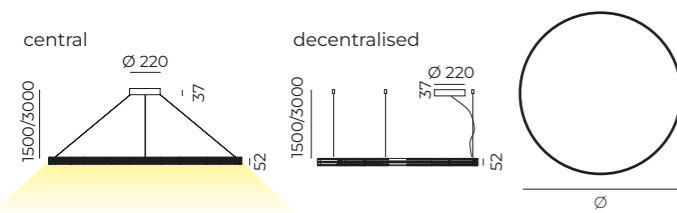


reddot winner 2025



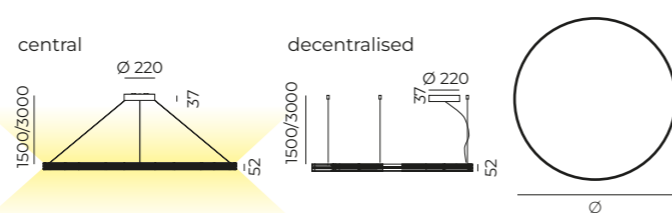
## Lon Round PD / directly lighting

CODE	Ø	SYS W	LUMEN
224-0111CC1WWXXZZ00Y	1000mm	33	1860-2010
224-0112CC1WWXXZZ00Y	1500mm	49,5	2780-3020



## Lon Hexagon PDI / directly/ indirectly lighting

CODE	Ø	SYS W	LUMEN
224-0121CC1WWXXZZ00Y	1000mm	65,5	3660-3960
224-0122CC1WWXXZZ00Y	1500mm	98,5	5510-5970



## Long Round Acoustic Element

CODE	Ø
224-0101000000000AA0	964mm
224-0102000000000AA0	1464mm



Info Round Absorber: see Page 34/35 (order separately)

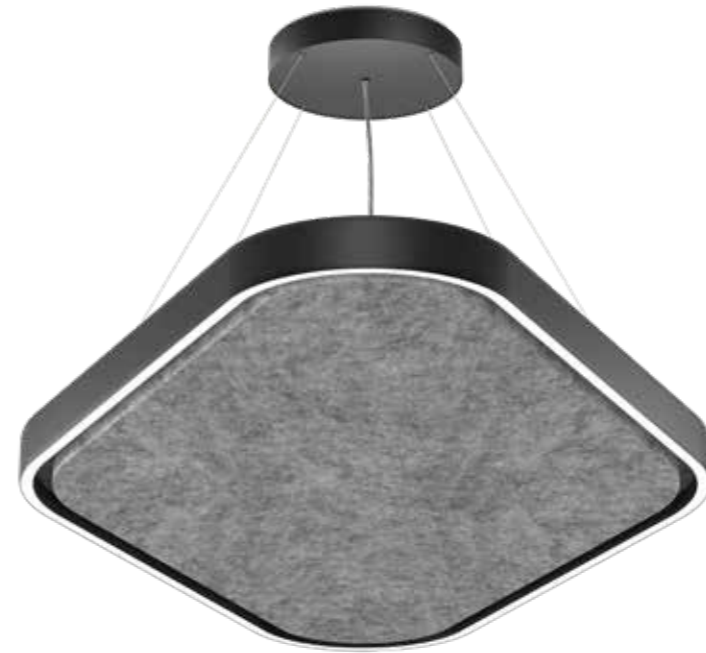
## ADD ARTICLE NUMBER

CC = suspension	WW = light colour	XXZZ = colour	AA = colour acoustic element	Y = dimmable
central / 3000mm = 12	2700K CRI>90 = 23	white = 05	moon grey = 95	switchable = 0
decentralised / 3000mm = 22	3000K CRI>90 = 29	black = 06	stone grey = 94	DALI dimmable = d
	4000K CRI>90 = 24	white = 05	charcoal grey = 99	CASAMBI dimmable = c
		black = 06	midnight black = 96	
		Luminaire		
		Canopy		



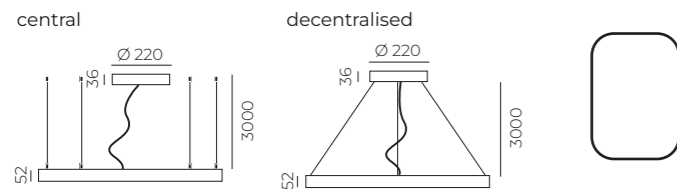
# ACOUSTIC LIGHTING

LONG RECTANGULAR / SQUARE / RHOMBUS



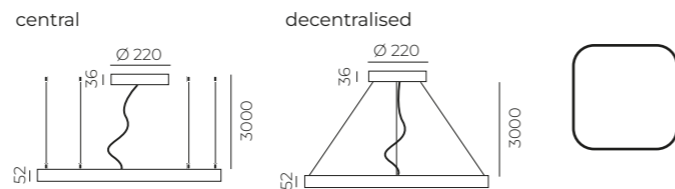
## Long Rectangular PD / directly lighting

CODE	L x W	SYS W	LUMEN
224-0311CC1VWXXZZ00Y	1250 x 460mm	33	1860-2010
224-0312CC1VWXXZZ00Y	1630 x 840mm	49,5	2780-3020



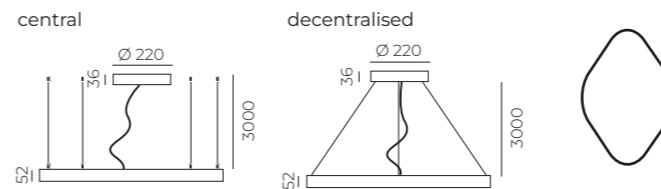
## Lon Square PD / directly lighting

CODE	L x W	SYS W	LUMEN
224-0411CC1VWXXZZ00Y	1000 x 1000mm	33	1860-2010
224-0412CC1VWXXZZ00Y	1500 x 1500mm	49,5	2780-3020



## Lon Rhombus PD / directly lighting

CODE	L x W	SYS W	LUMEN
224-0511CC1VWXXZZ00Y	1310 x 745mm	33	1860-2010
224-0512CC1VWXXZZ00Y	1940 x 1105mm	49,5	2780-3020



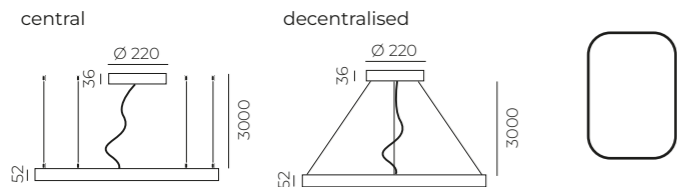
## Spot insert

CODE	SYS W	LUMEN
224-096000RWW000600	11	640-1130



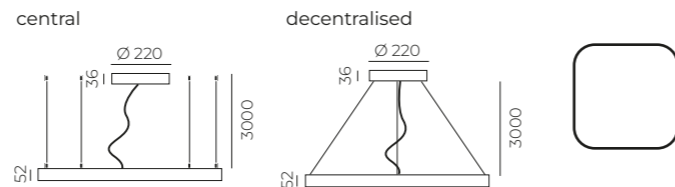
## Long Rectangular PDI / directly/ indirectly lighting

CODE	L x W	SYS W	LUMEN
224-0321CC1VWXXZZ00Y	1250 x 460mm	65,5	3660-3960
224-0322CC1VWXXZZ00Y	1630 x 840mm	98,5	5510-5970



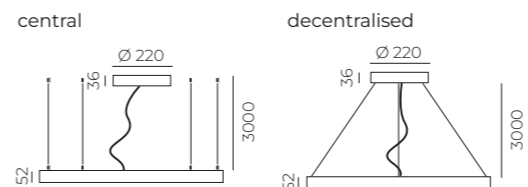
## Long Rectangular PDI / directly/ indirectly lighting

CODE	L x W	SYS W	LUMEN
224-0421CC1VWXXZZ00Y	1000 x 1000mm	65,5	3660-3960
224-0412CC1VWXXZZ00Y	1500 x 1500mm	98,5	5510-5970



## Long Rhombus PDI / directly/ indirectly lighting

CODE	L x W	SYS W	LUMEN
224-0521CC1VWXXZZ00Y	1310 x 745mm	65,5	3660-3960
224-0522CC1VWXXZZ00Y	1940 x 1105mm	98,5	5510-5970



## ADD ARTICLE NUMBER

R = reflector	WW = light colour
24° chrome = 2	2700K PREMIUM CRI>90 = 43
38° chrome = 3	3000K PREMIUM CRI>90 = 49
24° dark chrome = 8	4000K CRI>90 = 24
38° dark chrome = 9	

## Lon Square inlay

CODE	L x W
224-030100000000AA0	1204 x 427mm
224-030200000000AA0	1594 x 814mm

## Lon Rectangular inlay

CODE	L x W
224-040100000000AA0	814 x 814mm
224-040200000000AA0	1204 x 1204mm

## Lon Rhombus inlay

CODE	L x W
224-050100000000AA0	1269 x 713mm
224-050200000000AA0	1915 x 1079mm

## ADD ARTICLE NUMBER

CC = suspension	WW = light colour	XXZZ = colour	AA = colour of acoustic element	Y = dimmable
central / 3000mm = 12	2700K CRI>90 = 23	white = 05	moon grey = 95	switchable = 0
	3000K CRI>90 = 29	black = 06	stone grey = 94	DALI dimmable = d
	4000K CRI>90 = 24	white = 05	charcoal grey = 99	CASAMBI dimmable = c
decentralised / 3000mm = 22		black = 06	midnight black = 96	



# ACOUSTIC ELEMENTS

## ROOM DIVIDER

### Acoustic, structuring the spaces

Open spaces require more than just area. They need structure, orientation, and acoustic tranquillity. The Room Divider combines effective sound absorption with clear spatial design and creates zones that enable concentration – without closing off the space.

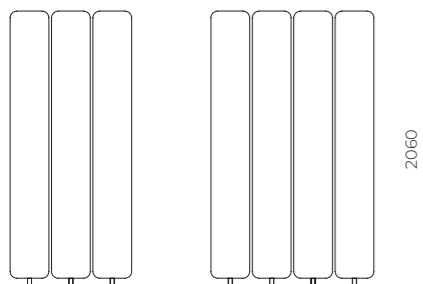
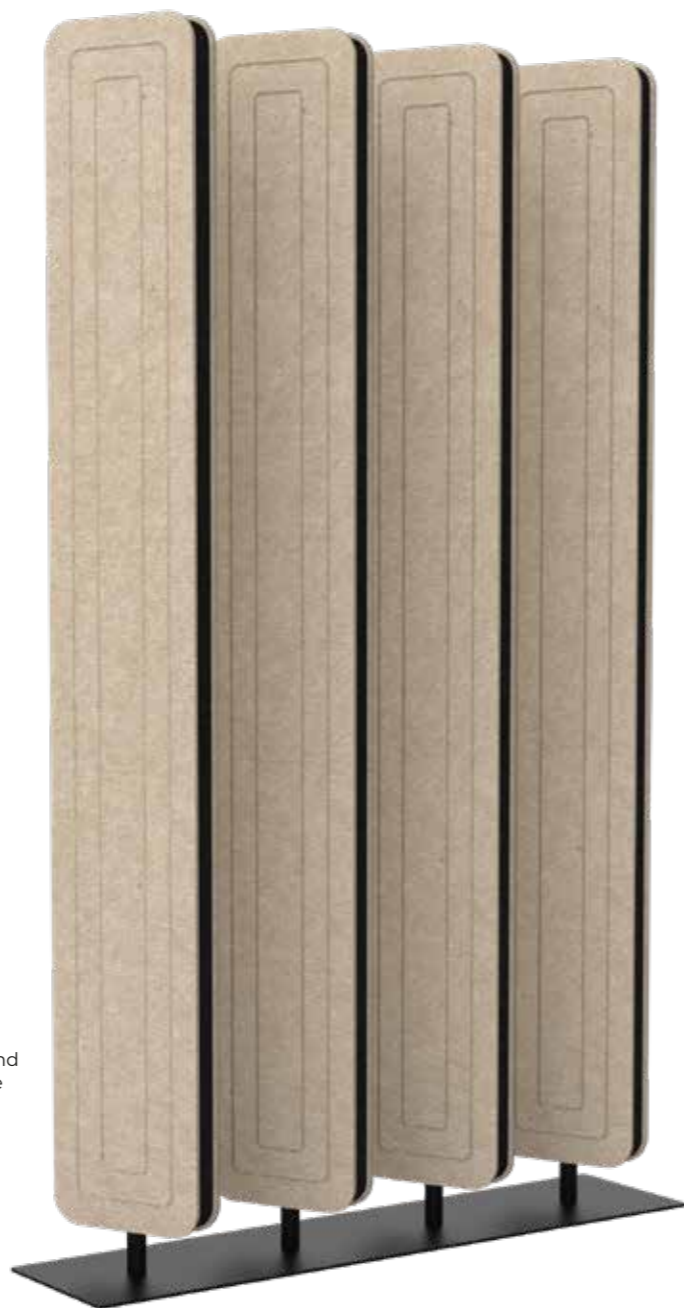
As an acoustically effective design element, it structures open spaces, reduces disruptive reverberation, and supports a calm, pleasant atmosphere.

### Diversity in colour design

The ROOM DIVIDER consists of an acoustically effective core and a colour-customisable exterior surface. The 52 mm thick base material in black forms the functional basis, while the 9 mm outer panels in 20 colours offer a variety of design possibilities. The base plate in black fine structure provides stability and a calm overall impression.

Special colours are available on a project basis.

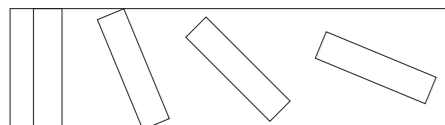
almond shade



Room Divider 3

Room Divider 4

rotatable in four angles



Available in our 20 Creative Colours upon individual request

### Room Divider 3

CODE A05-0310026FF  
BASE ELEMENT COLOUR midnight black

### Room Divider 4

CODE A05-0410026FF  
BASE ELEMENT COLOUR midnight black

### ADD ARTICLE NUMBER

- FF = colour acoustic element
- almond shade = 01
  - light cream = 02
  - wave blue = 03
  - ocean blue = 04
  - forest green = 05
  - clay khaki = 06



# WALL ABSORBER

## CELL WALL

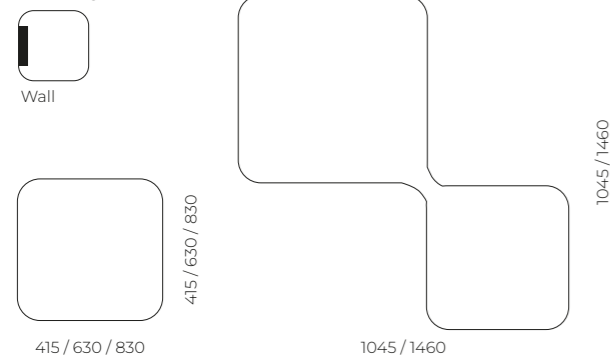


Product Design:  
MARC|ARCH Design

### Creative Space for Wall

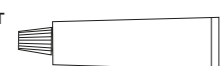
CELLs combine effective room acoustics with modern design. The softly rounded elements can be used as a connected variant or as CELL Square flexibly on the wall, creating vibrant surfaces with architectural ambition. The individual arrangement results in visual highlights with functional added value.

#### Mounting



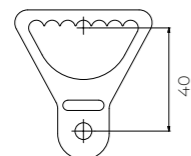
#### Mounting Adhesive for Ceiling Installation

**CODE**      **CONTENT**  
A49-000810      310ml  
approx. 8m2 Material/Unit.



#### Wall mounting set

**CODE**  
A49-103045



Available in our 20 Creative Colours upon individual request

#### Cell Wall Square S/M/L

CODE	SIZE	L x W x H
A08-0101000FF	S	415 x 415 x 61mm
A08-0102000FF	M	630 x 630 x 61mm
A08-0103000FF	L	830 x 830 x 61mm

#### Cell Wall Double S/M

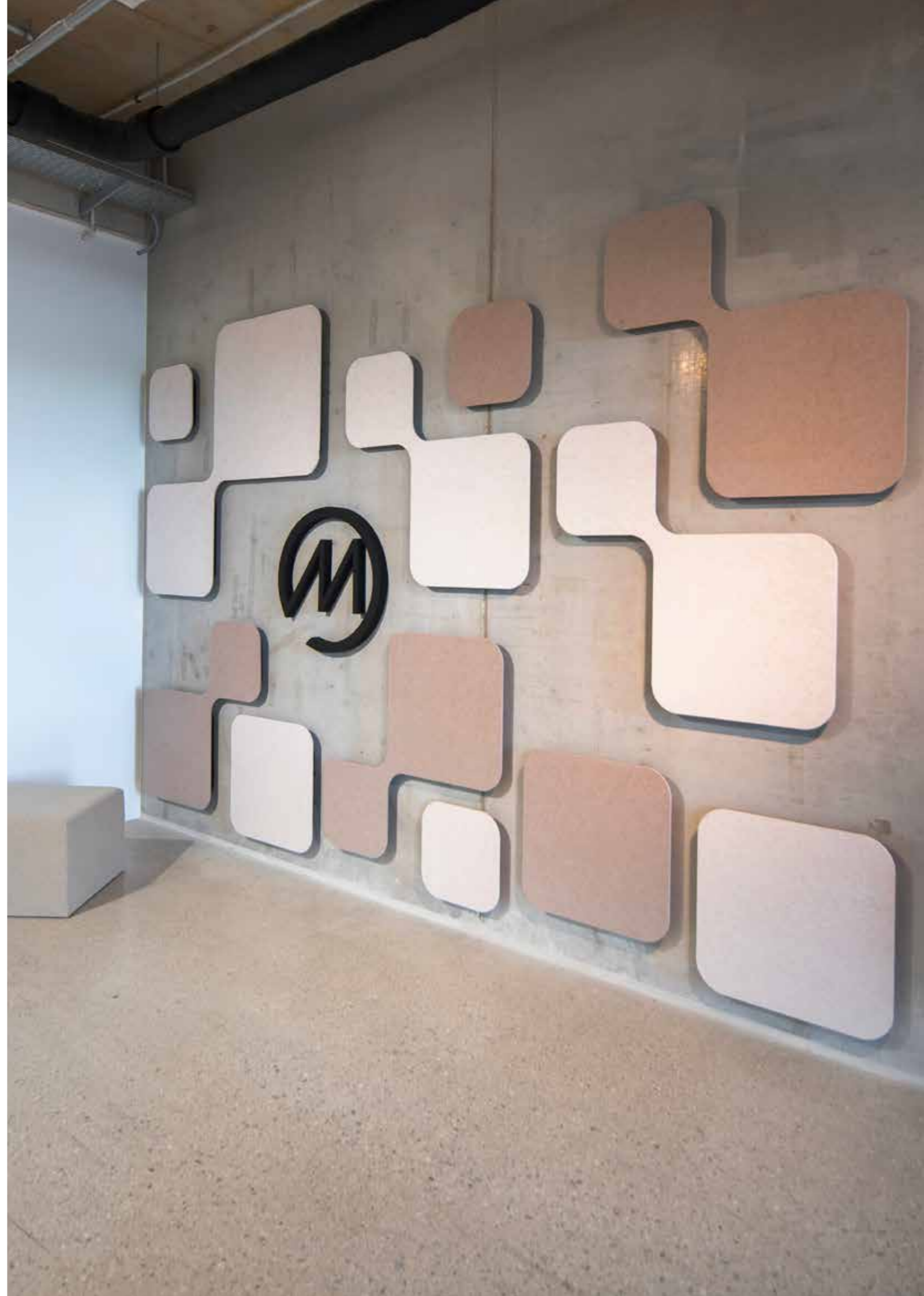
CODE	L x W x H
A08-0111000FF	1045 x 1045 x 61mm

#### Cell Wall Double M/L

CODE	L x W x H
A08-0112000FF	1460 x 1460 x 61mm

#### ADD ARTICLE NUMBER

- FF = colour acoustic element
- almond shade = 01
  - light cream = 02
  - wave blue = 03
  - ocean blue = 04
  - forest green = 05
  - clay khaki = 06



# WALL ABSORBER PANEL



**DROPS**  
wave blue

**CIRQ**  
almond shade

**TREES**  
forest green

## Creative Freedom.

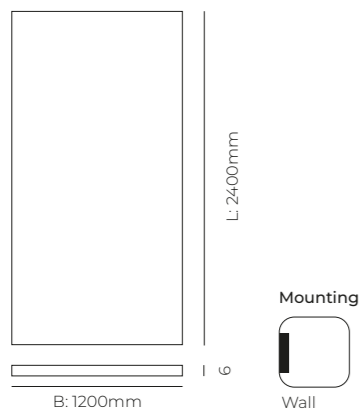
Our High-Quality Wall Panels combine modern design with effective room acoustics. The panels reduce disruptive flutter echo and create a noticeably more pleasant room atmosphere - ideal for living spaces, offices, or meeting areas.

Thanks to their unique designs, the panels themselves become a design highlight. Whether as a subtle accent or a large-scale installation - they open up a variety of possibilities for creative spatial concepts.

The elements are available in six selected colours as standard and can be flexibly arranged together. This creates individual wall artworks that perfectly adapt to any environment.

## INFO

Product: One panel is supplied in two parts (2 x 600 x 2400)



Available in our 20 Creative Colours upon individual request

## Wall Panel TREES

CODE	L x W x H
A10-0111010FF	2400 x 1200mm
expandable laterally or above	

## Wall Panel CIRQ

CODE	L x W x H
A10-0111020FF	2400 x 1200mm
expandable sideways or above	

## Wall Panel DROPS

CODE	MODEL	L x W
A10-0111031FF	DROPS 1	2400 x 1200mm
A10-0111032FF	DROPS 2	2400 x 1200mm
A10-0111033FF	DROPS 3	2400 x 1200mm
A10-0111034FF	DROPS 4	2400 x 1200mm

After Element DROPS 4 can be multiplied with DROPS 1

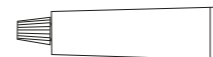
## ADD ARTICLE NUMBER

FF = colour acoustic element

- almond shade = 01
- light cream = 02
- wave blue = 03
- ocean blue = 04
- forest green = 05
- clay khaki = 06

## Mounting Adhesive for Ceiling Installation

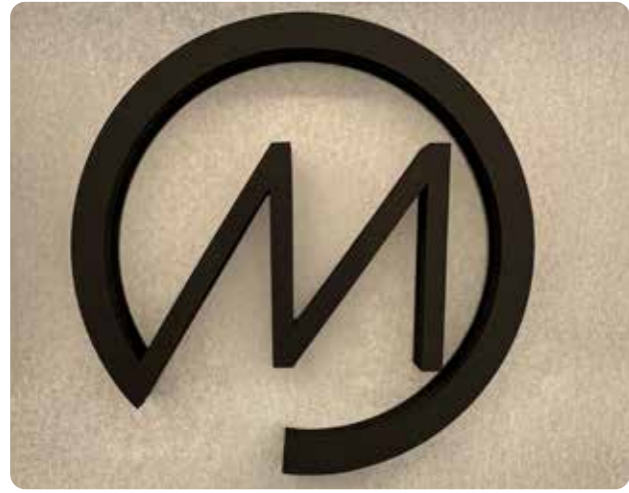
CODE	CONTENT
A49-000810	310ml
ca. 8m2 Material/Stk.	



# DESIGN CONCEPTS

Acoustic solutions are today an integral part of modern spatial design.

Molto Coustic combines acoustic effectiveness with design freedom and opens up new possibilities for design and customisation. Colours, shapes, and individual cuts can be flexibly combined and specifically tailored to architecture, use, and atmosphere.



Logo

Precise cuts, individualised logo cut-outs and inlays are created from high-quality acoustic material. Whether company logo, lettering or distinctive symbol – each shape is manufactured precisely according to customer requirements. Size, contour and level of detail are almost freely definable. This results in acoustically effective design elements for wall and ceiling surfaces with a strong brand connection.



Inscription

Also, texts or film titles can be showcased and presented with our acoustic absorbers. Combine functional room acoustics with a strong visual presence.

Printed Absorbers 9 mm thick



Acoustic absorber with individual printing surface

Improve the room acoustics while making a visual statement: Our acoustic absorbers with printed surfaces combine effective sound reduction with high-quality design. Whether in the office, conference room, home office, studio, or living area – they create a pleasant sound environment and transform bare walls into real eye-catchers. High-quality printing technologies enable individual motifs and brilliant colours that harmoniously integrate into any room concept and deliberately set design accents. In addition to acoustic

Printed Absorbers 52 mm thick



optimisation, the elements also contribute to a modern and professional appearance. You can choose between two material thicknesses: The 9 mm thick variant has maximum dimensions (H x W) 2300 x 1100 mm, while the 52 mm thick variant (H x W) 2300 x 1500 mm offers additional absorption performance and effective reduction of reverberation.

# INDIVIDUAL SOLUTIONS

Colours, shapes and individually customisable designs for architectural spatial concepts



Creative Colours



Form and Light



Material and Effect

# COLOUR AS PART OF ACOUSTIC DESIGN

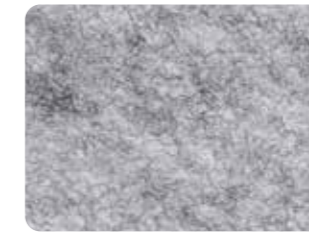
Our Core Colours (52mm)



Midnight black



Charcoal grey



Stone grey



Moon grey



Stone beige (40mm)

**Our Creative Colours**  
for Absorbers, Wall Panels, Cells  
and Room Dividers

In addition to the Core Colours as base colours, an extended colour palette is available, which can be specifically used for the design of acoustic elements. The Creative Colours made from 9mm thick material can be freely combined and allow for both an aesthetic enhancement of spaces and the implementation of brand-specific colour concepts. Acoustic elements thus take on a clear design role in the space alongside their functional purpose.



# WHAT DOES FIRE PROTECTION MEAN

## Building Material Classification according to EN13501-1

The classification of building materials according to EN 13501-1 indicates how a material behaves in the event of a fire and in which areas of a building it may be used. It is therefore an essential basis for fire protection planning and compliance with building regulations.

Particularly with PET absorbers, which are often used extensively on ceilings and walls, this classification plays a crucial role.

Depending on the use of the building – for example, in offices, educational institutions, retail spaces, or public areas – different requirements apply to the fire behaviour of the materials used.

The standard distinguishes building materials into so-called Euroclasses from A1 (non-combustible) to F (no performance determined). This classification is supplemented by information on smoke development (s1-s3) and burning droplets (d0-d2).

For PET absorbers, classifications such as B-s1, d0 or C-s1, d0 are typically achieved depending on the design. These indicate a difficult-to-flame material with low smoke development and no burning droplets, allowing for use in most interiors, even in areas with heightened requirements.

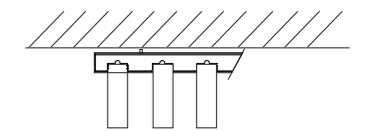
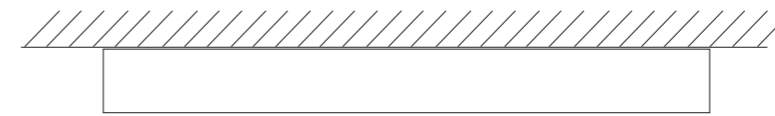
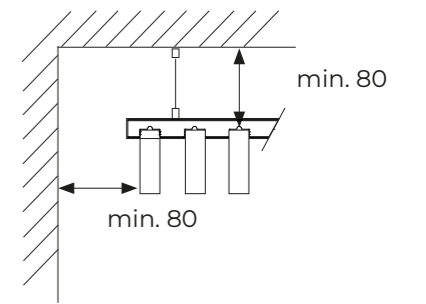
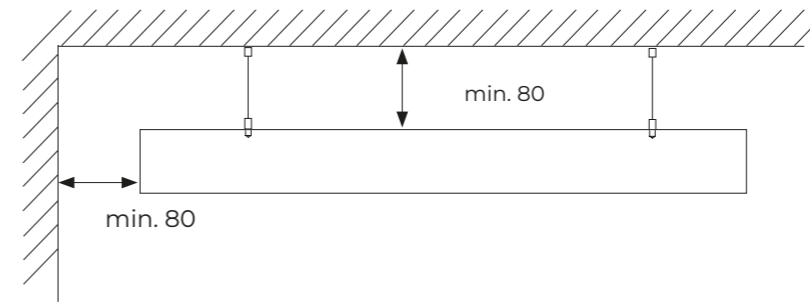
Definition	Grade	Smoke production	Flaming droplets	Description
Non-combustible materials	A1	-		Materials that can never contribute to a fire at any time, including during a fully developed fire. This would never be combined with an additional classification.
	A2	s1	d0	
And all variations		When a construction product does not contribute to a fire (but has the potential to produce smoke or droplets). This is also followed by an additional classification for smoke and droplets.		
Combustible materials - Very limited contribution to fire	B	s1	d0	Highly resistant materials that are always followed by an additional classification for smoke and flaming droplets.
		And all variations		
Combustible materials - Limited contribution to fire	C	s1	d0	Products that meet stricter requirements than Class D with limited contribution to fire.
		And all variations		
Combustible materials - Moderate contribution to fire	D	s1	d0	Products with a contribution to fire, but greater resistance to flames.
		And all variations		
Combustible materials - High contribution to fire	E	E-d2		Products that have a significant contribution to fire but can withstand a small flame for a short time.
Combustible materials - Easily ignitable		F		When a product has not been tested or does not meet the requirements of Classes A1 or E.

A - Non-combustible, no contribution to fire  
 B - Difficult to ignite, very limited contribution to fire  
 C - Difficult to ignite, limited contribution to fire  
 D - Normally combustible, acceptable contribution to fire  
 E - Normally combustible, acceptable fire behaviour  
 F - Easily ignitable, no performance determined

s - Smoke Development  
 s1 - Low Smoke Development  
 s2 - Medium Smoke Development  
 s3 - High Smoke Development

L - Fire behaviour class for pipe insulation  
 fl - Fire behaviour class for floor coverings

d - burning dripping (droplets)  
 d0 - no burning dripping/falling within 600 seconds  
 d1 - no burning dripping/falling with an afterburn time longer than 10 seconds within 600 seconds  
 d2 - no performance detected



The classification of building materials can vary depending on the product and method of installation. For instance, a PET absorber may achieve a different classification when installed freestanding or suspended (e.g. with an air gap > 80 mm) compared to a direct attachment to a wall or ceiling. The reason for this is that fire behaviour is always tested in the actual installation condition. Influencing factors such as ventilation, distance to the substrate, or the type of substructure can significantly affect fire behaviour and thus lead to different results. For planning purposes, this means: The selection of the product and the method of installation must always be

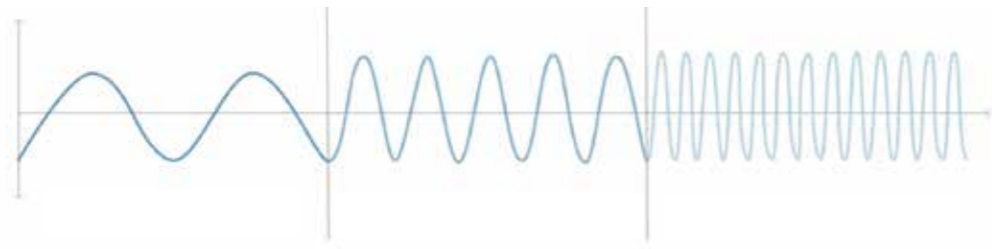
considered together. The respective classification and the underlying testing method are documented in detail in the corresponding certification report. This report contains all relevant information about the tested construction and forms the binding basis for use in the building. We are happy to provide the corresponding evidence upon request.

**The material (52 and 40mm) has the fire protection certificate B-s1, d0 according to EN 13501-1 when installed with an air gap of >80mm.**

# GOOD ACOUSTICS MAKE A DIFFERENCE

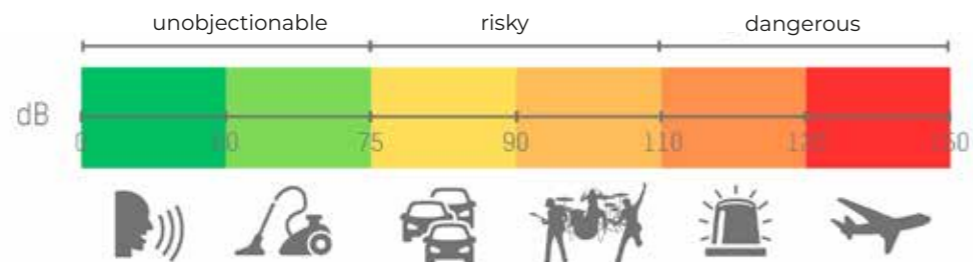
## Less noise disturbance, more quality of life.

Permanent noise sources such as background noise and voices can cause significant stress, reduce concentration, and impair well-being. They increase physical strain, lead to mental exhaustion, hinder communication, and can even cause long-term health issues such as high blood pressure or sleep problems. Offices, restaurants, shops, schools, and public spaces are particularly affected. Targeted acoustic solutions help to reduce disruptive noises and create a calm, productive environment.



## Quieter is better – but how much noise reduction is possible?

Modern acoustic solutions can reduce sound levels by up to 80%. Depending on the material and placement, reverberation time can be reduced by up to 70% – a noticeable difference for any room. The sound pressure level in dB, which indicates how loud or quiet sound is, is crucial for our acoustic development work. Hearing can be damaged after prolonged exposure at levels starting from 85 dB – this is why sound insulation in workplaces, offices, or hospitality venues is so important. The dB damage scale provides a clear overview:

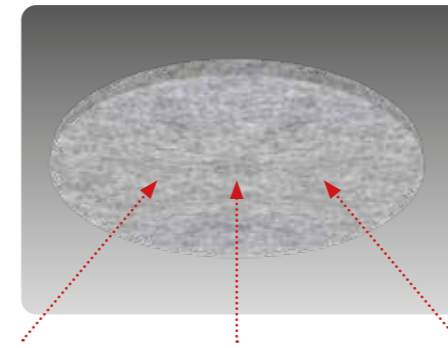


## Effective solution against disturbing noises:

Acoustic systems made from high-quality, thermally solidified non-woven fabric provide an effective solution against disruptive noises. Their large, reflective surface and porous structure act as powerful sound absorbers by capturing sound waves and converting them into heat. This reduces reverberation and annoying reflections, leading to clear, pleasant acoustics. This innovative solution lowers the noise level and adapts flexibly to the acoustic requirements of various spaces – for greater peace, concentration, and well-being.

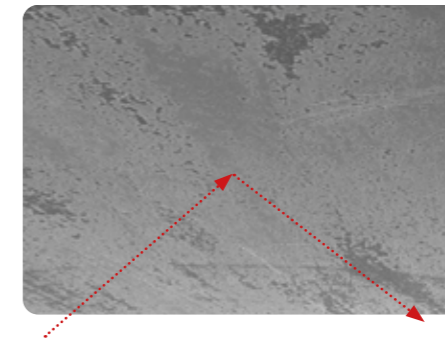
## Course of Concentration During Working Hours

Influence of Distractions on Focused Work



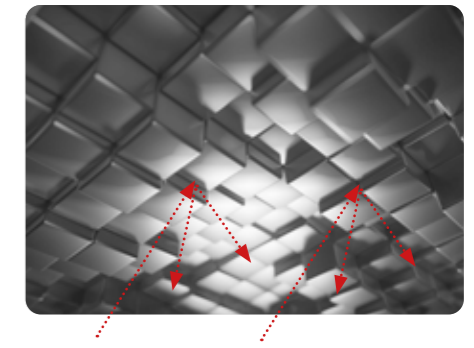
### Absorber

Sound absorbers reduce sound in different ways: for example, panel oscillators dampen sound through the mechanical movement of a flexible panel and absorb particularly low frequencies. Porous absorbers consist of open-pore material, in which sound waves are converted into thermal energy through friction, thereby primarily reducing mid and high frequencies. Both methods improve room acoustics by absorbing sound and minimising reflections.



### Reflector

A reflector directs sound purposefully, rather than absorbing it. Hard, smooth surfaces like a concrete wall reflect sound waves almost entirely, causing the sound to remain in the room, which can lead to reverberation. In large, echoing spaces, this can impair speech intelligibility. However, reflection can also be purposefully utilised, for example, in classrooms or concert halls, where reflectors redirect the sound so that it is evenly distributed and all listeners experience good intelligibility.



### Diffuser

A diffuser directs sound waves by refracting and scattering them in different directions, rather than absorbing them or reflecting them directly. This results in a more even distribution of sound throughout the room, reducing disruptive echoes and sound overlaps. Baffles – absorptive panel structures – often serve this function, but go beyond that: they combine the properties of both diffusers and absorbers by scattering and dampening sound waves. This ensures a balanced and natural room acoustics.



Molto Luce Moodroom, Weißkirchen, Austria, Product Design: Ben Elmecker, Photo: Joachim Rauch

# DESIGN & EFFECT

## How acoustic solutions transform your interiors

Noise is one of the biggest disruptive factors in modern interiors – whether in the office, in restaurants, or in one's own home. However, the solution is often closer than many think: Our acoustic product range not only optimises the soundscape of a room but also enhances the design and visual perception. Molto Coustic offers innovative systems that maintain aesthetics and function in perfect balance.



Neeom Free City, Freistadt, Austria,  
Planning & Realisation: Ben Elmecker, Photo: Joachim Rauch

# PSYCHOLOGY OF LIGHT & SOUND

## Quieter is better – but how much noise reduction is possible?

Modern acoustic solutions can reduce sound levels by up to 80%. Depending on the material and placement, reverberation time can be reduced by up to 70% – a noticeable difference for any room.

## How Sound and Light Influence Our Perception

Studies show that a pleasant room acoustics can reduce stress levels by up to 40%. At the same time, thoughtful lighting design has a positive effect on concentration, creativity, and overall well-being.

## Our Top Tips for Increased Productivity & Well-being:

- Sound-absorbing materials on ceilings and walls, such as our BAFFEL, to minimise disruptive reverberation times
- Combine direct and indirect lighting, to create a pleasant atmosphere.
- Use light colour shades, to set emotional and relaxing accents.
- Simple and modular construction of acoustic solutions ensures easy installation and retrofitting.



# BEFORE/AFTER

## More Comfort Factor, Less Reverberation

Open spaces, hard surfaces, and high ceilings create modern, elegant designs – yet often this comes at the expense of acoustics. Without targeted sound absorption, long reverberation times and noise can significantly impair well-being and concentration. Acoustic solutions offer a transformative effect here.



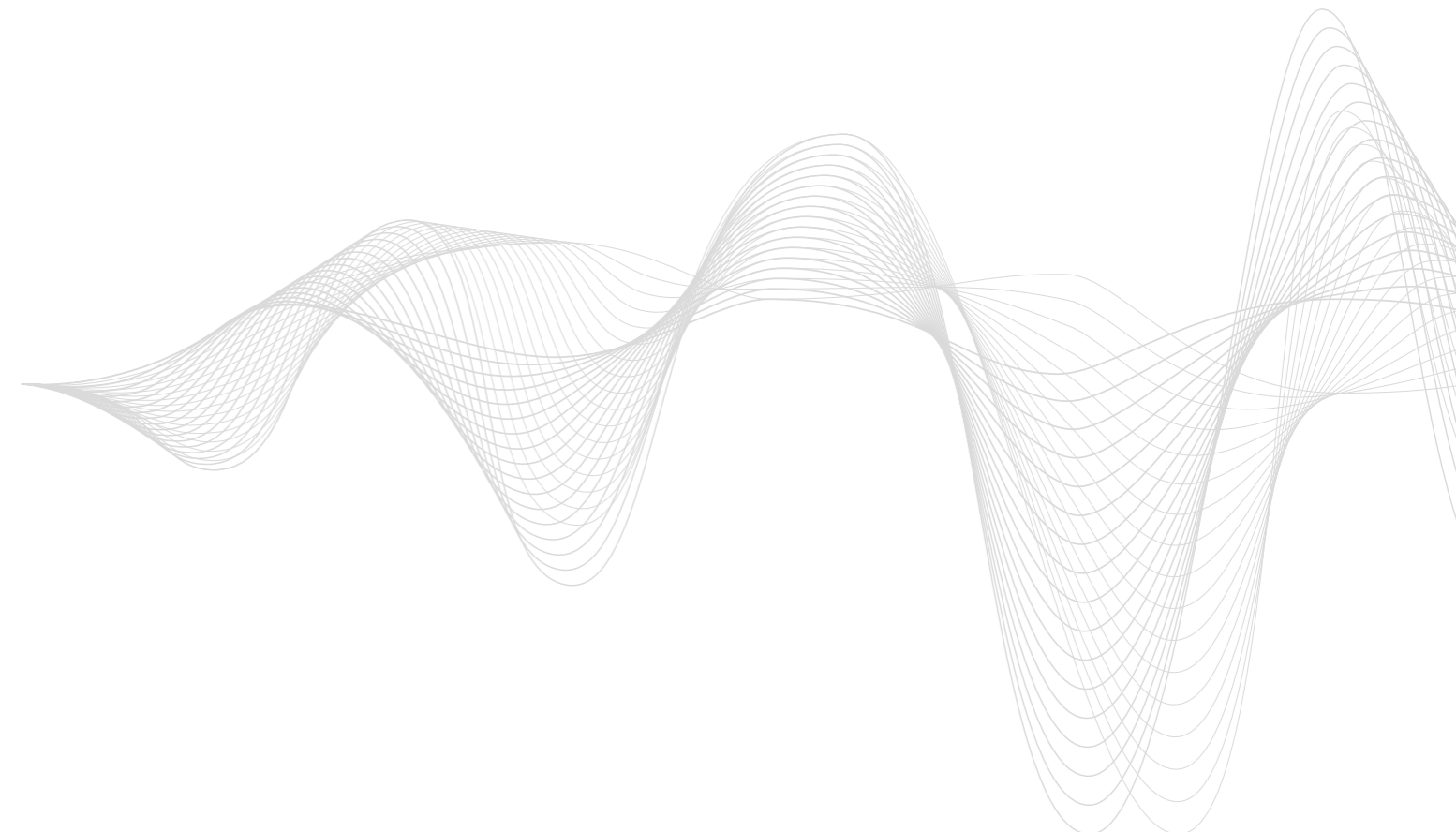
## Typical problems without acoustic solutions:

- Disturbing reverberation and poor speech intelligibility
- Higher stress levels due to persistent background noise
- Reduced productivity and less well-being
- Cold, uncomfortable room effect



## That changes with Molto Coustic: Product Design: Ben Elmecker

- Pleasant acoustics and reduced reverberation times
- Improved speech intelligibility and concentration ability
- High-quality design that seamlessly integrates into any room concept
- Sustainable materials and customised design options



# FORM, LIGHT AND ACOUSTICS IN INTERACTION

## Individual Acoustic & Variety of Forms

Acoustic elements are available in different shapes and can be customised according to the product. Whether linear, wave-shaped, or angular - the possibility of free forms essentially offers an infinite number of design options, allowing for both clear, structuring elements and free compositions that can be precisely adapted to architecture, spatial geometry, and design concepts.



Product Design: Ben Elmecker



## Two Functions, One Solution

Acoustics and lighting are intended as interconnected elements and can be combined into an integrated solution. Our luminaires are also available in different colours and can thus be colour-coordinated with acoustic elements and the respective project.

BSH Home Appliances, Wages, Germany, Photo: Andreas Stammer, Planning and Realisation: Ben Elmecker

# TAILORED SOLUTIONS: FLEXIBLE PLANNING WITH MOLTO COUSTIC

## From the Idea to the Perfect Space Solution

Every room is unique – just like the requirements of our clients. That's why we focus on individual planning to develop customised acoustic solutions that perfectly match your design and functional needs.



Secondary School Matrei, Austria Photo: Joachim Rauch

## Our planning process in 3 steps:

- 1. Needs Assessment:** Analysis and measurement of the room acoustics, functional requirements and design specifications
- 2. Solution Concept:** Tailored Planning with Individualised Visualisations
- 3. Implementation:** Production, delivery and support with assembly



# LIKE SUN AND MOON - LIGHT AND ACOUSTICS ARE AN INSEPARABLE DUO

## Why Joint Planning is Crucial

The moon is influenced by the sun, and in turn, light and acoustics also influence each other – therefore, thoughtful planning is essential and must not be considered separately. Acoustic-integrated lighting offers the perfect solution to combine light quality and sound optimisation in one product.



## Advantages of Combined Lighting and Acoustic Planning:

- Uniform design and harmonious integration into the spatial concept
- Central point of contact ensures complete planning and all-round service from a single source
- Reduction of disruptive reverberation and glare-free light in a system
- Creation of a feel-good atmosphere and fostering positive emotions in people who occupy the spaces

# CONCLUSION: MORE CALM, MORE STYLE, MORE ATMOSPHERE WITH MOLTO COUSTIC

## More than just function – acoustics as a design element

Acoustic solutions are not only functional – they are a statement for comfort, productivity, and design awareness. With Molto Coustic, you benefit from well-thought-out concepts, high-quality materials, and personalised advice that transforms your space into a haven of comfort.



NOW LET YOURSELF BE ADVISED WITHOUT OBLIGATION!

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Edeka Gaimersheim, Germany  
Product Design: Ben Elmecker, Photo: Joachim Rauch



Neeom Free City, Freistadt, Austria, Planning & Realisation: Ben Elmecker  
Photo: Joachim Rauch



VS Triangel, Marchtrenk, Austria  
Photo: Joachim Rauch



Secondary School Matrei, Austria  
Photo: Joachim Rauch



Office Wimberger House, Lasberg, Austria, Planning & Realisation: Ben Elmecker  
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Showroom Molto Luce, Wels, Austria,  
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