
DECIBEL
by JOHANSON
Silence through design

CONTENTS

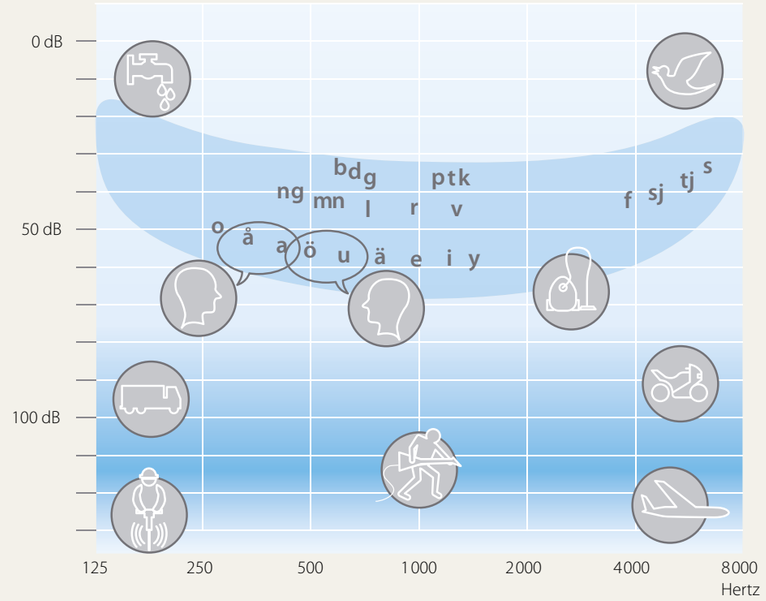
Every day we are surrounded by all sorts of sounds, from whirring fans, chatting colleagues and ringing phones to the background noise of a radio. Unwanted noise can have a negative effect on people, disrupting concentration and increasing stress levels.
Decibel by Johanson specialises in creating a better environment for everyone to work and live in.
We develop sound absorbers and acoustic diffuser panels that really do make a difference. Our products are the result of many years' experience of design and close collaboration with acoustic engineers, backed up by systematic acoustic analyses and tests conducted in accordance with approved standards.

Of the five senses that humans have evolved – smell, hearing, taste, touch and sight – three are particularly important for survival. These are smell, hearing and sight. At Decibel we have chosen to focus our work on hearing and on issues that are key to understanding how sound is transmitted, perceived and absorbed.

Human hearing developed primarily to alert us to dangers and to localise the source of a noise so that we could determine the best escape route. Today the situation is very different. We live in an information society where it is absolutely essential to be able to hear what is being said in order to acquire and systematise information.

To mitigate distracting noise Decibel by Johanson has developed sound absorbers that make it easier to concentrate on the task in hand. We believe that emulating natural features of the outdoor environment and recreating them in indoor spaces is a relevant way to recognise the value of all our senses – eye, ear and soul.

THE SCIENCE AND UNDERSTANDING OF SOUND



The human ear can detect frequencies between 20 and 20,000 Hertz (Hz). The voice frequency, however, is approximately 125-8,000 Hz. Vowels such as A, E, O, I and U are pronounced loudest, so these vowels belong to a low frequency band. Voiced consonants such as M, R, V and B are in the medium frequency range, while the unvoiced consonants F, P, S and T are in the high frequency band, with F, T and S being particularly difficult to discern.

Sound is energy. Sound needs air in order to travel from point A to point B. It also needs a 'trigger' that causes an object to vibrate, such as a hammer striking a nail or a finger plucking a guitar string.

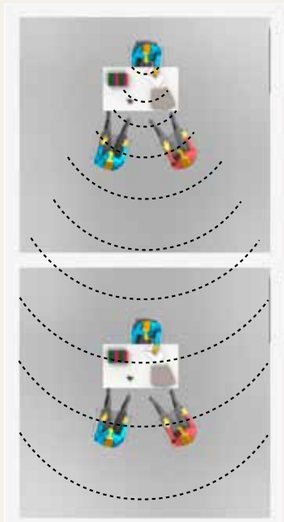
A third component in the transmission of sound is our ear and its ability to detect the sounds we hear. Different sounds are the result of contrasts in energy and variations in wavelengths. A bass sound has more energy and longer wavelengths. That's why, during a concert, we may experience pressure on our chest from the vibration of not the bass: this is because the air is, literally, being pressed against our body. The fact that the high energy content of a bass note can travel a long way may sometimes be perceived as disturbing. High-pitched sounds, however, have less energy and shorter wavelengths, so their energy dissipates quickly. Imagine, for example, the scenario of overhearing a conversation in the office next door. It is difficult to determine what is being said, because higher-pitched sounds are less able to penetrate the wall than those with a low pitch. The effect can be even more disturbing if one of those talking has a deep (bass) voice: it's possible to distinguish any consonants, so all that we hear is a low 'rumbling'.

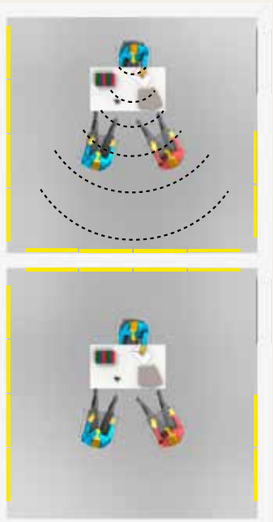
All of us have our own inbuilt hearing threshold, which is affected in different ways. Loud noises (in excess of 120 dB) can cause discomfort and pain – and our ears are less forgiving than our eyes. If our eyes are exposed to very bright light, we can squint or blink, and the consequence may be no more than a temporary halo in our field of vision. Loud noises, however, can seriously damage our hearing, causing tinnitus or leading to other permanent hearing impairments.

For most of us, poor light is preferable to an uncomfortable noise level.

Hearing also deteriorates with age. It is quite common for our hearing acuity to diminish with increasing rapidity as we grow older, making it hard for us to distinguish between words such as 'sound', 'found' and 'round'. Instead we either have to use context and the speaker's lip movements, or increase the volume in some way in order to interpret what is being said.

THE FUNCTION OF SOUND ABSORBERS IN DIFFERENT ENVIRONMENTS

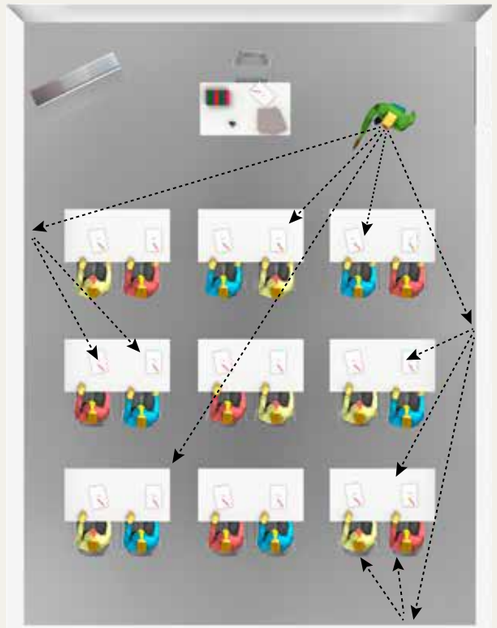


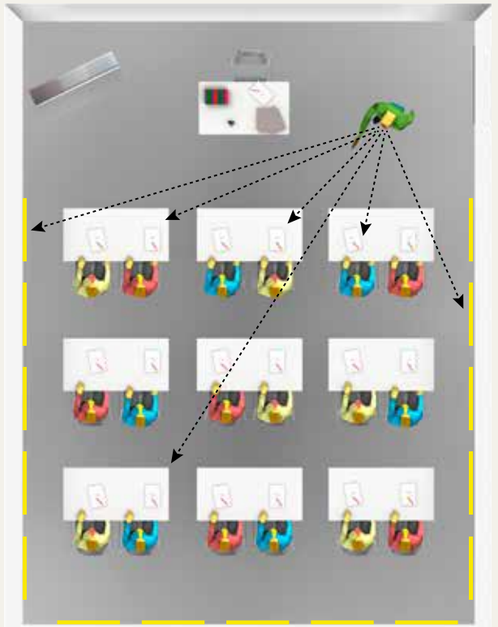


OFFICES

In a room without sound absorbers there is always a certain amount of unwanted background noise and half-heard conversations that are perceived as disturbing.

Solution: We install sound absorbers on both side-walls in order to reduce the overall noise level. We also fit sound absorbers on one non-parallel surface to improve the acoustic environment even further by making it easier for workers to concentrate and to distinguish what is being said to them.





CLASSROOMS

In a classroom there is usually just one main source of sound (the teacher's voice). This can pose a serious problem, because while pupils on the front row hear only direct sound, those further back in the room also have to cope with reflected sounds that bounce off the walls and ceiling.

Solution: The illustrations above show how energy in the sound waves transmitted by the teacher is absorbed by the panels and captured within the absorbent material instead of being reflected. As all those in the room now hear only direct sound, this increases speech clarity and understanding.

UNIQUE COLLABORATION

The Ecophon Inside™ symbol guarantees that a product bearing this mark has been developed in conjunction with Ecophon.
The sound-absorbent materials are designed and manufactured to satisfy criteria for optimum technical performance and a visually appealing form. Both core and surface materials have been specially chosen to meet the most stringent quality standards.

Our carefully engineered designs and approved eco-friendly materials provide an effective answer to the challenges of today's noisy world. All our products have been painstakingly tested by accredited laboratories in accordance with the latest standards for the relevant market. Production processes for the various components are environmentally certified according to ISO 14001 and all manufacturing is carried out in house in Hyllinge and Markaryd in Sweden.

Ecophon
INSIDE™

DECIBEL
ACOUSTIC
PANELS

BELL

DESIGN - BÖTTCHER & KAYSER

Bell is a highly effective, wall-mounted sound-diffusion panel with an eye-catching funnel-shaped appearance, not unlike that of a loudspeaker. The difference, of course, is that Bell does not transmit sounds but receives them, reduces them and absorbs them.

Ecophon INSIDE™

BOW

DESIGN - BÖTTCHER & KAYSER

An arc-shaped thin MDF on the diagonal stretches up the fabric like a tent, creating an interesting three-dimensional shape. Depending on how the absorbent is directed and dressed, you can create infinite combinations and geometric patterns. Then add a directed light and exciting shadow formations appear.

Ecophon INSIDE

FACETT

DESIGN - BÖTTCHER & KAYSER

Like a cut diamond, Facett plays with surfaces that radiate into a decentralized peak. Depending on the viewing angle and light incidence, its three-dimensionality is understandable and creates exciting relief sculptures. The different surfaces break the sound wave and the cavity between the soundabsorbing material further reinforces its absorption effect.

Ecophon INSIDE

NOTE

DESIGN - BÖTTCHER & KAYSER

Inspired by the way the edges and corners of a sheet of paper can sometimes become accidentally folded or crumpled, Böttcher & Kayser have played on this idea to create a design that produces subtle three-dimensional representations of this effect.

Ecophon INSIDE

THE FRAME SERIES

CIRCUIT

CHESTERFIELD

LOOP

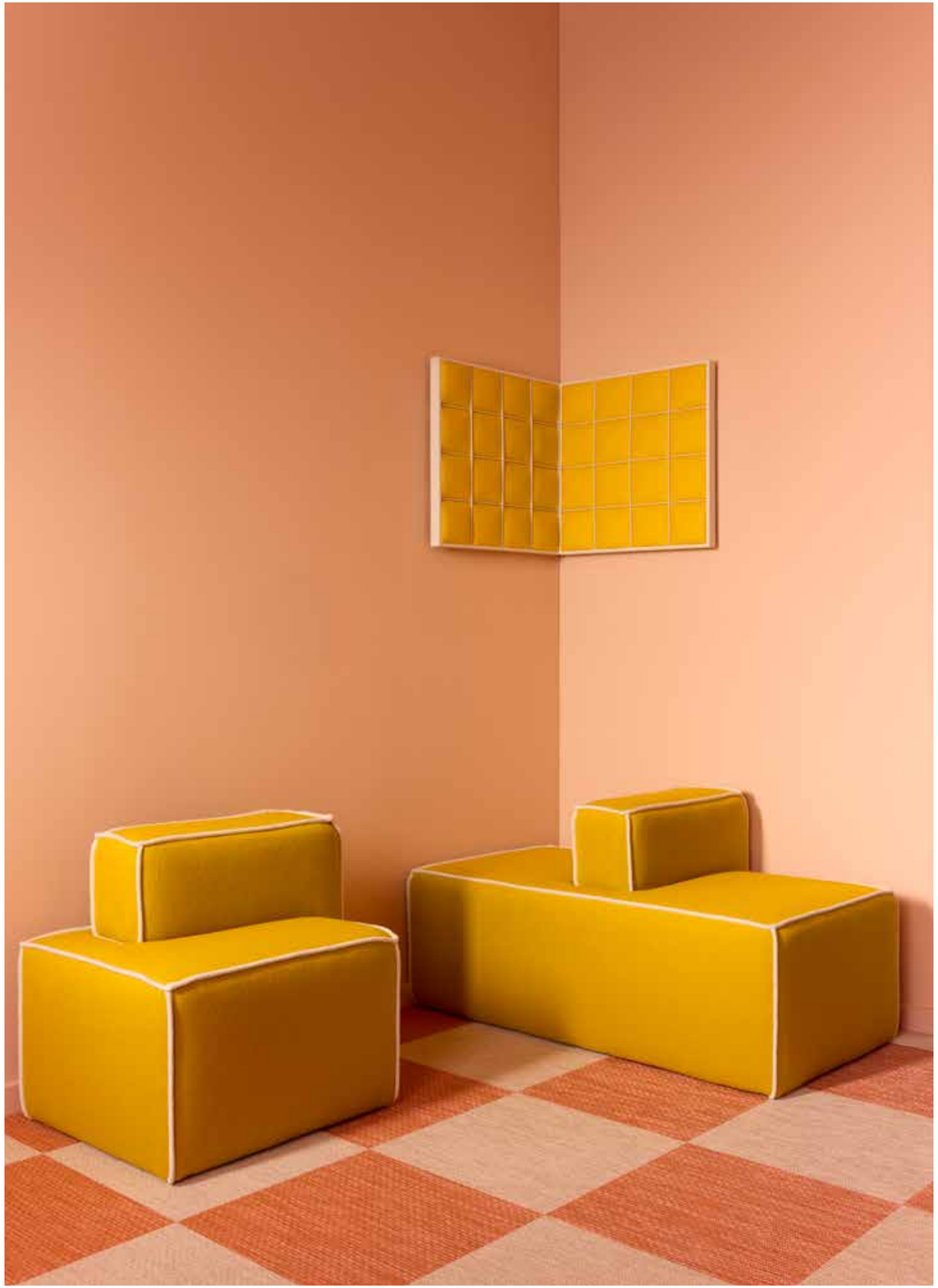
ROMB

CIRCUIT

DESIGN - JOHAN LINDSTÉN

The only limits to creativity are those set by your own imagination. Create a discreet and sober look that complements the overall expression in a room by melting seamlessly into the setting. Or why not open eyes and minds with a cavalcade of Circuit sound absorbers that shout out their presence in the dramatic contrasts of a dynamic colour palette? Both options are equally simple to achieve.

Ecophon INSIDE™



CHESTERFIELD

DESIGN - JOHAN LINDSTÉN

The name and inspiration for this design come from the iconic, traditional Chesterfield sofa – a timeless design that has become synonymous with deep-buttoned quilting. The height differences of the quilting give the sound absorber its characteristic look, while also enhancing its acoustic and absorbent properties.

Ecophon INSIDE

LOOP

DESIGN - JOHAN LINDSTÉN

Loop's four identical arcs work together to create a geometric basis for expansion. Depending on how you place Loop, you can vary the look of the finished design, perhaps even offsetting the panels to create the impression of waves billowing across the wall.

Ecophon INSIDE™

ROMB

DESIGN - JOHAN LINDSTÉN

The idea behind Romb was to create an intricate, graphic silhouette. Diamond-shaped rhombuses, triangles and hexagons blend to create a visually attractive whole in which the viewer can detect a constantly changing kaleidoscope of geometric forms.

Ecophon INSIDE

ILLUSION 120 / 60

DESIGN - CORY GROSSER

The ingenious 'pleated' design ensures the effectiveness of Illusion sound absorbers. The pleats create a larger exposed surface, while the cavity behind provides the necessary air space for the panels to work effectively in the medium frequency range. Illusion is available in two sizes.

Ecophon INSIDE™

POST

DESIGN - CORY GROSSER

Inspired by the form of a simple envelope, the clean lines of Post decorate walls with playful symmetry. Varying the angle at which Post is placed adds dynamism, creates intriguing shadows and makes new patterns.

Ecophon INSIDE™

CLAMP

DESIGN - ANDREA WEITZ
JENS WENDLAND

Clamp is a series of sound absorbers for walls, ceilings and floor-mounting. It owes its name to the bracket or clamp that holds the sound-absorbing panel in place. With a choice of 400 RAL colours, different fabrics and surface coverings, and panels that come in a variety of shapes and sizes, the opportunities for creating unique settings are almost endless.

Ecophon INSIDE

FREQUENCY

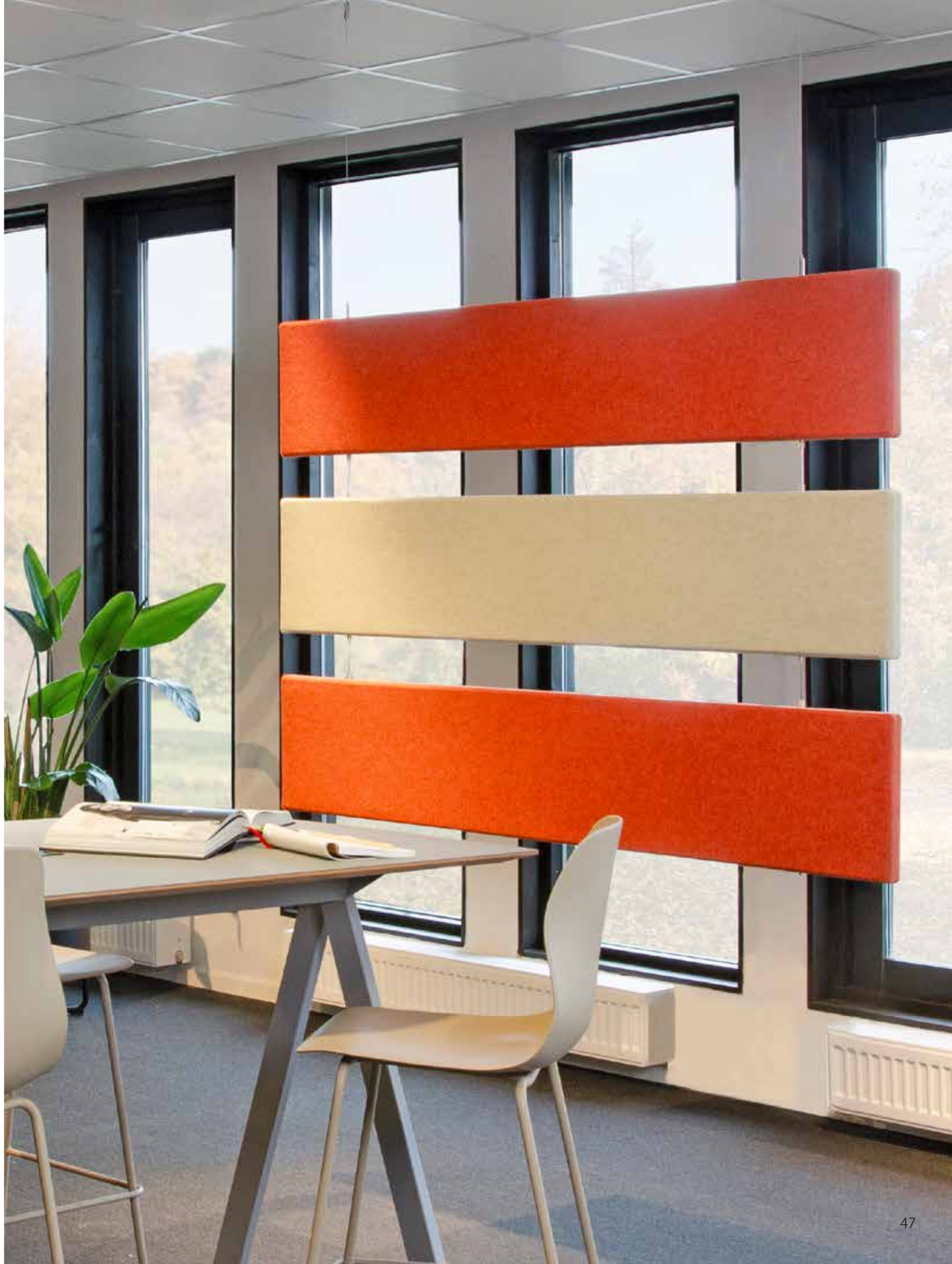
The gently rounded lines of Frequency and the many different shapes and sizes of the panels open up endless opportunities. Frequency comes in a total of 15 sizes and depths.

Ecophon INSIDE™

HERTZ

With its stylish, understated elegance Hertz is the ideal choice in a wide variety of settings. Hertz is a series of sound absorbers with excellent sound absorption, which can be hung from the ceiling, mounted on the wall, or used as room dividers.

Ecophon INSIDE™



HERTZ STRIPED

The simple and clear design language of the various standard formats creates an inspiring variety that invites creativity. The seams are color-adapted and are of the highest quality.

Ecophon INSIDE™

HERTZ PHOTO

Hertz Photo is designed to fit in rooms where the sound environment is put first without sacrificing aesthetic expression.

Ecophon INSIDE™

The frames can be lacquered in a total of 405 colors and structures according to our system Multicolour.

PHOTO FRAME PANELS

All Photo Frame are marked with Ecophon Inside which means the highest class of sound absorption. Certified print on fabric with high air permeability for good sound absorption.

HERTZ FLOOR

A timeless screen with an understated elegance that effectively absorbs sound to create a pleasant acoustic environment. Hertz can be used as a single decorative panel or linked together linked together screen to screen. Hertz Floor comes in a wide range of sizes and is a flexible modular system that is simple to install in different room constellations.

Ecophon INSIDE

CUBIC

Cubic, the versatile absorber.
In many environments, creating effective sound reduction is limited due to the architecture of a room or building.
This is where Cubic is a versatile option.
By placing Cubic in a variety of positions, different effects can be obtained. Place it in a corner and use it as a "bass trap", or central in a room, providing improved speech clarity.
The small wheels underneath and the metal tabletop makes the Cubic perfectly designed to be used as a speaker stand or as a bar table.

Ecophon INSIDE

ABSORBA TABLE SCREEN

Invest in quality, style, and functionality with our table screens - take your workspace to the next level today! With Ecophon Inside in combination with our high-quality fabrics, you can not only enhance the sound environment in your space, but also create an aesthetically pleasing atmosphere that enhances well-being and productivity.

Ecophon INSIDE™

ADD IT UP

DESIGN - ANDREA WEITZ
JENS WENDLAND

Acoustics in combination with whiteboard. Choose from our ready-made proposals or mix and match freely with regard to the size of the sound absorber, the colour of the writing surface, and the colour of the metal accents.

It's just like a painting by Piet Mondrian, fine proportions and carefully balanced colour arrangements.

CLAMP Whiteboard

DESIGN - ANDREA WEITZ
JENS WENDLAND

The Clamp family now combines acoustics with creativity. Our Clamp series has expanded to now include a whiteboard in the same integrated design, with the iconic steel detailing that can be painted in a multitude of RAL colors. The printable surface area of glass laminate is available in five selected colors and is also magnetic. As a result, it also works great as a bulletin board.

WHAT IS A DIFFUSOR

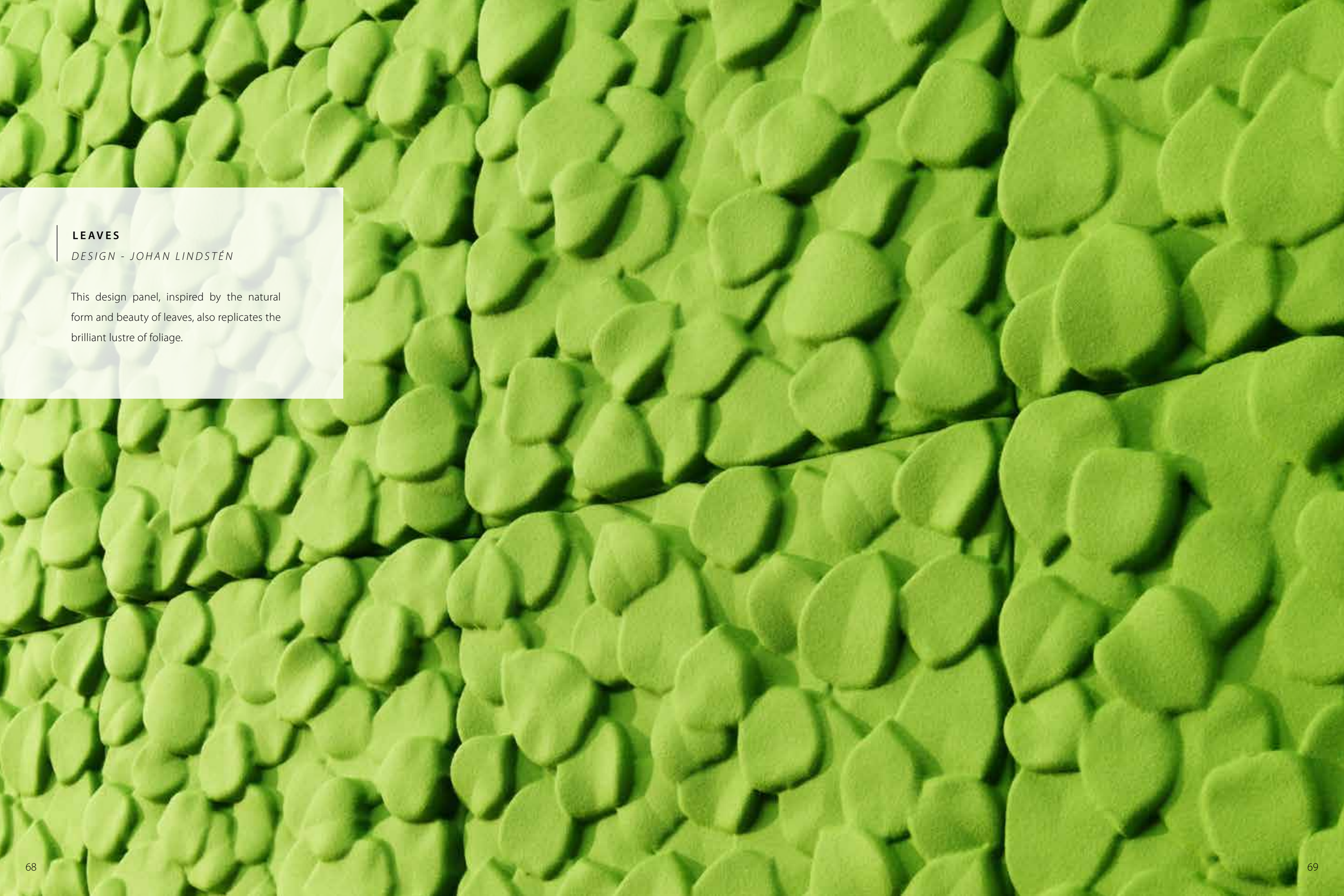
A diffuser is an acoustic device used to evenly distribute sound waves throughout a space. Instead of reflecting sound directly back, as a flat surface would, the diffuser scatters the sound in many directions. This helps to eliminate strong reflections and echoes, which can improve the sound quality in a room. Diffusers are often used in recording studios, home theater setups, concert halls, and other environments where acoustic quality is important.

DECIBEL DESIGN PANELS

VICTOR. THE EGGBOX

DESIGN - STEFAN FURRER

The fascination for the eggbox is not a surprise, it has characterized room acoustics like no other element before. The eggbox was something that was easily at hand for many people and which magically helped to change the acoustic qualities in rooms.



LEAVES

DESIGN - JOHAN LINDSTÉN

This design panel, inspired by the natural form and beauty of leaves, also replicates the brilliant lustre of foliage.

PEBBLE

DESIGN - JOHAN LINDSTÉN

Pebble design panel owes its inspiration to the natural beauty and infinite variations of pebble beaches.

BEEHIVE RECTANGULAR & BEEHIVE

DESIGN - JOHAN LINDSTÉN

Inspired by the hexagon, one of nature's strongest and most ingenious shapes. Bees use a six-sided construction in their hives because it is strong and requires a minimum of material. Now this honeycomb pattern is available as a design panel and wall decoration.

RACE WALL

DESIGN - CORY GROSSER

Inspired by the dream of designing your very own race course, the epitome of accuracy and precision.

CROPFIELD

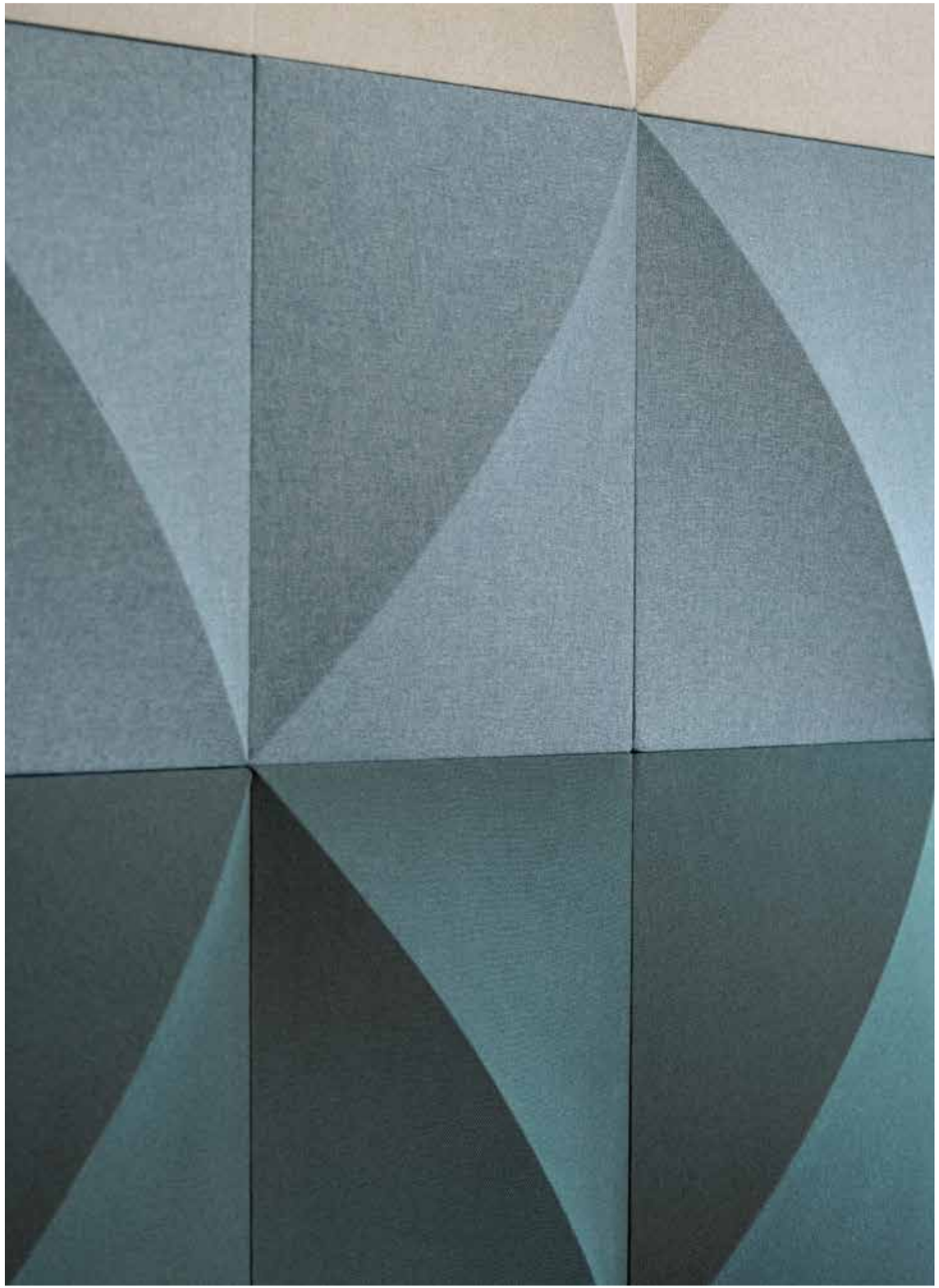
DESIGN - JOHAN LINDSTÉN

In the south of Sweden apparently endless plains and large open fields extend over the landscape like a gigantic patchwork. The erratic pattern of irregular shapes and the varying structures of these farmlands have provided the inspiration for Cropfield and given the product its name.

RIB WALL

DESIGN - ALEXANDER LERVIK

A wall-mounted sound diffusion panel that creates an attractive and effective backdrop in any setting.

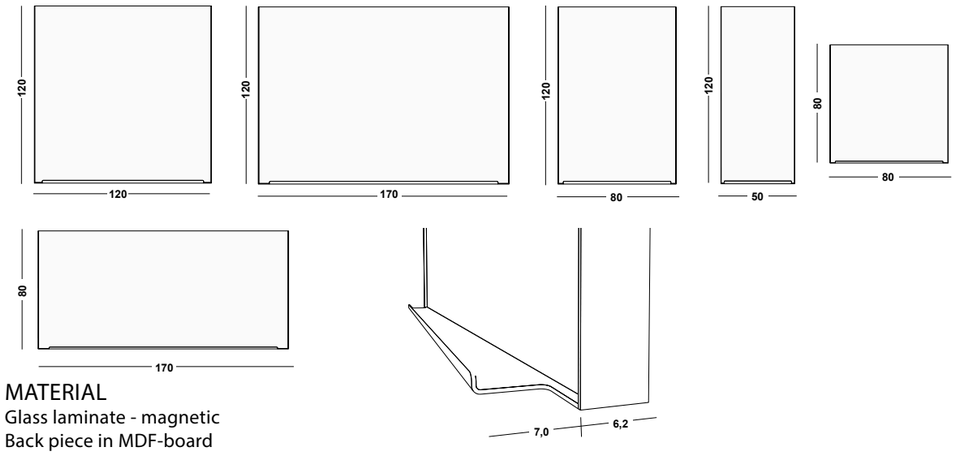


DECIBEL
FACTS
PRODUCT DETAILS
INSTALLATION

ADD IT UP

Whiteboard

Measurements cm

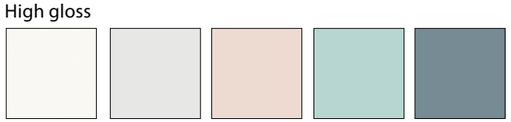


MATERIAL

Glass laminate - magnetic
Back piece in MDF-board
Metal parts 3mm
Metal frame in selectable RAL color

COLOURS - GLASS LAMINATE

High gloss



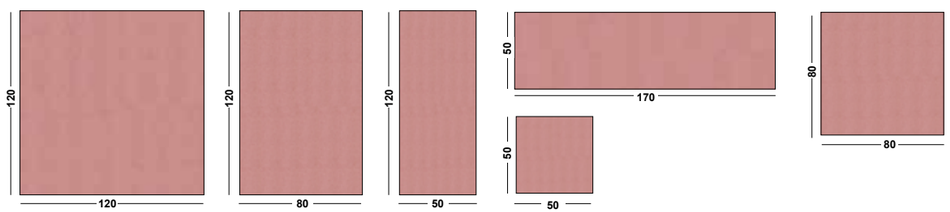
Perla Nebbia Magnolia Menta Laguna

Our glass laminate is available in all RAL colors, request a quote.

Sound absorber - Hertz

Special sizes adapted to the whiteboards – can also be combined with other sizes in the Hertz series.

Measurements cm



UPHOLSTERY MATERIAL

The following fabrics used in our various sound absorbers are carefully selected and tested according to the relevant standards by all our manufacturers.
For other fabrics request a quote.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

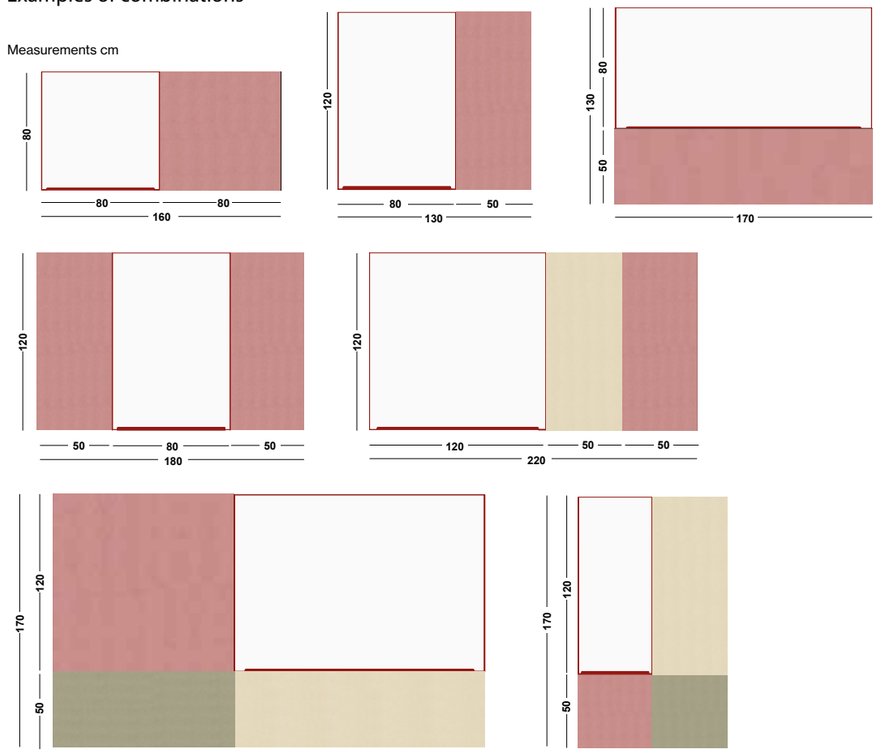
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MATERIAL

Ecophon Inside
Back piece in MDF-board
Selectable fabric
Suspension with metal strip is standard

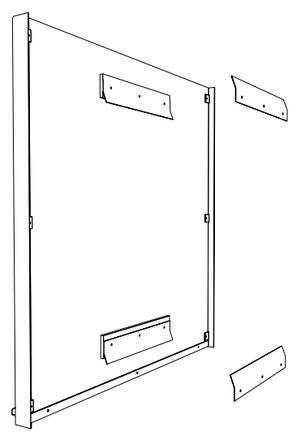
Examples of combinations

Measurements cm

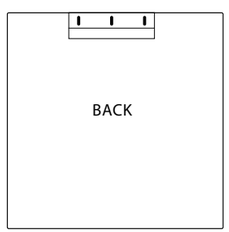


MOUNTING

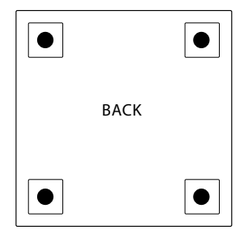
Whiteboard



Sound absorber - Hertz



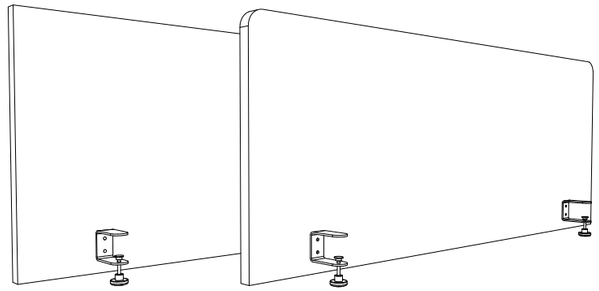
Suspension with metal strip



Suspension with magnets 4 pcs (optional)

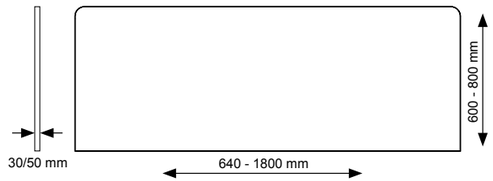
Metal wall molding 1 pcs

ABSORBA TABLE SCREEN

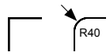


MATERIAL
Core of Ecophon 20/40 mm. Framework in birch plywood 20/40x12 mm.
The table clamp can be adjusted to size and the mounting on the screen is flexible in height and side according to customer requirements.
The metal table clamp are available in any RAL color and in black and white.

STANDARD DIMENSIONS
H : 600 with W : 640 / 740 / 840 / 940 / 1200 / 1400 / 1600 / 1800
Height 600 mm (500 mm above table edge)
H : 800 with W : 640 / 740 / 840 / 940 / 1200 / 1400 / 1600 / 1800
Height 800 mm (600 mm above table edge)
D : 30 and 50 mm
*For special measurments request a quote.



OPTIONS
Straight or rounded top corners.



CERTIFICATE
EN 1023-2:2000
EN 1023-3:2000
EN 1023-1:1996
SS-EN ISO354:2003
ISO 20189:2018
N10 värde 1800x850x30 = 6,7

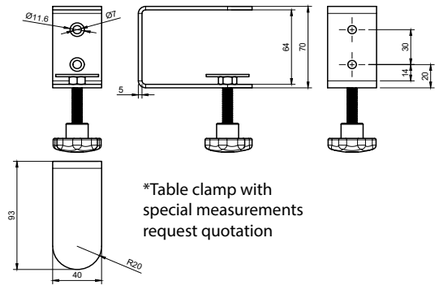


*Table clamp with special measurements request quotation

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.
The metal table clamp in selectable RAL color

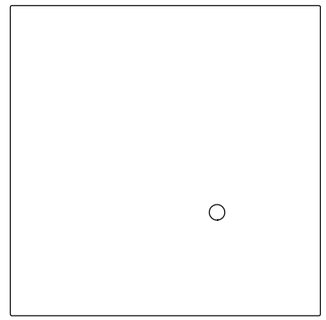
PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

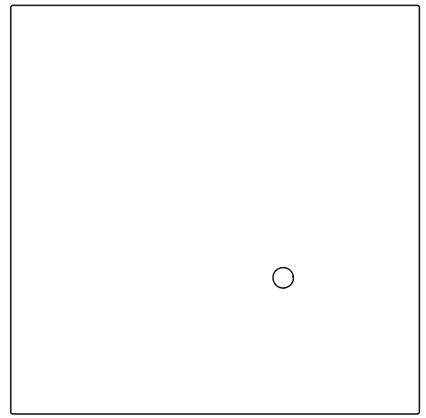
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MÖBELFAKTA

Ecophon INSIDE

BELL





HEIGHT 60/80 CM
WIDHT 60/80 CM
DEPTH 10/12 CM
WEIGHT 5/9,7 KG

MATERIAL
Ecophon Inside
Core in MDF-board
Suspension with wooden beam is standard
Fabric
Metal button in selectable RAL color

OPTIONS
Magnets for mounting, neodym 4 x ø20/45 x 6 mm
200 cm wooden beam when installing several panels in width (not in combination with magnets)

ACOUSTIC PROPERTIES
Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,10	0,43	1,06	1,09	1,09	1,03	1,06	1,0
0,15	0,70	1,0	1,06	1,06	1,04	1,10	1,0

Absorption Class A

SS-EN ISO 11654:1997, SS 25269:2013/ISO 20189:2018

FIRE TEST
Tested according to EN ISO 11925-2

UPHOLSTERY MATERIAL
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PG0	
Camira	Cara
Camira	Carlow
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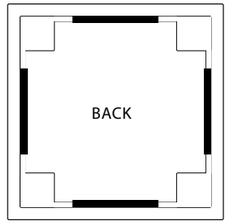
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MÖBELFAKTA

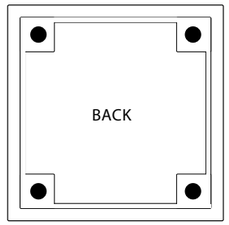
Ecophon INSIDE

MOUNTING
Suspension with wooden beam 4 pcs (standard)

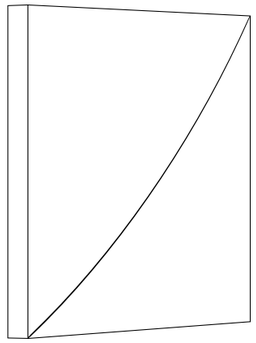


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



BOW



HEIGHT 60 CM
WIDHT 60 CM
DEPTH 11 CM
WEIGHT 4 KG

MATERIAL
Ecophon Inside
Core in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES
Frekvens i Hz

63	125	250	500	1000	2000	4000	Aw
0,07	0,22	0,76	1,09	1,13	1,12	1,14	1,0

Absorption Class A

Testad enl ISO 354:2003 ISO 11654:1997 ISO 20189:2018

FIRE TEST
Tested according to EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

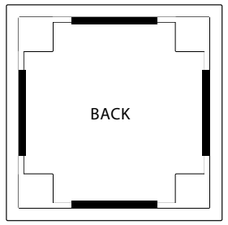
PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MÖBELFAKTA

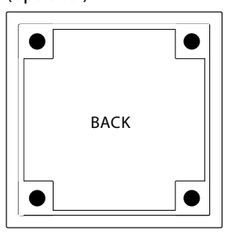
Ecophon INSIDE

MOUNTING
Suspension with wooden beam 4 pcs (standard)

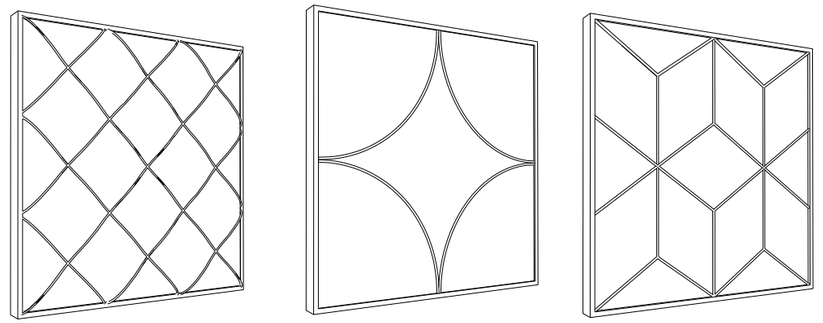


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



CHESTERFIELD / LOOP/ ROMB
FRAME FAMILY



HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPHT 6 CM
WEIGHT 7 KG

MATERIAL
Ecophon Inside
Metal frame in selectable RAL color
Wire grids
Back piece in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, Rubber-coated neodym 4 x ø45 x 6 mm.
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES
Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,03	0,19	0,62	1,11	1,19	1,13	1,1	1

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Chesterfield / Loop / Romb is tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

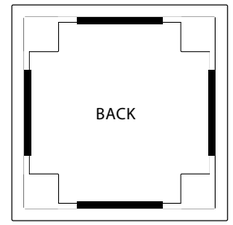
PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MÖBELFAKTA

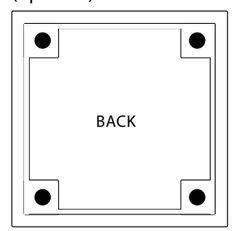
Ecophon INSIDE

MOUNTING
Suspension with wooden beam 4 pcs (standard)

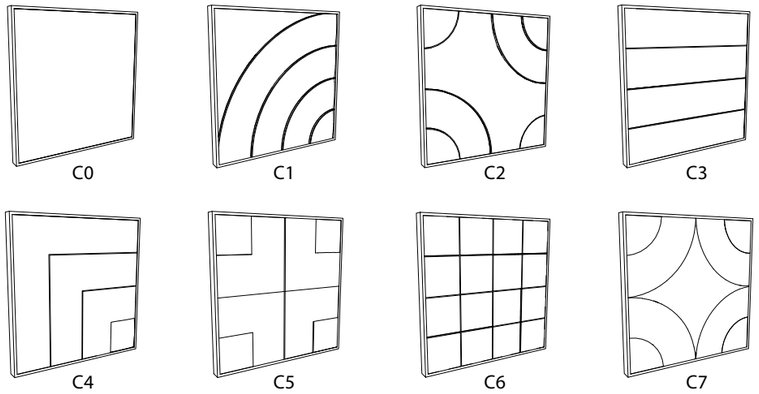


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



CIRCUIT
FRAME FAMILY



HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPHT 6 CM
WEIGHT 7 KG

MATERIAL
Ecophon Inside
Metal frame in selectable RAL color
Pattern in flat-rolled metal wire (8 x 3 mm)
Back piece in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, Rubber-coated neodym 4 x ø45 x 6 mm.
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES
Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,03	0,19	0,62	1,11	1,19	1,13	1,1	1

Absorption Class A N_{10} = 33 / Estimated for 1 piece

Tested according to ISO 354 och ISO 11654

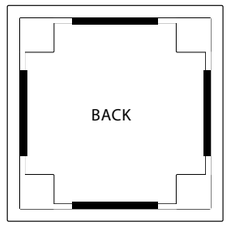
FIRE TEST
Tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

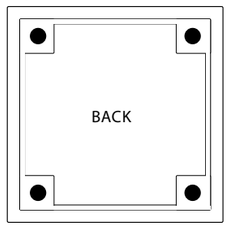
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MOUNTING
Suspension with wooden beam 4 pcs (standard)

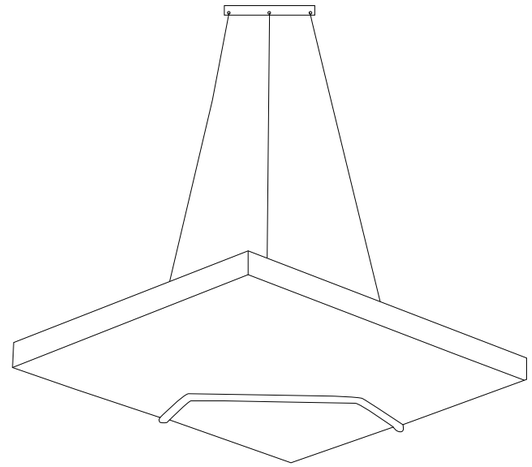


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



CLAMP CEILING



HEIGHT 59,5 CM
WIDTH 59,5 CM
DEPHT 4,5 CM
TOTAL DEPTH 6,5 CM
TOTAL WEIGHT 3,6 KG

HEIGHT 79,5 CM
WIDTH 79,5 CM
DEPHT 4,5 CM
TOTAL DEPTH 6,5 CM
TOTAL WEIGHT 6,6 KG

MATERIAL
Ecophon Inside
Fabric
Metal clamp for ceiling in selectable RAL color
Wire 80 cm / 150 cm
Adjustable cable lock with hook
Ceiling fastener in selectable RAL color

ACOUSTIC PROPERTIES
Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

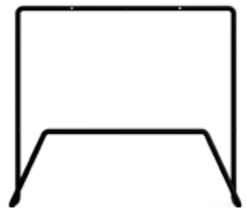
FIRE TEST
Clamp is tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

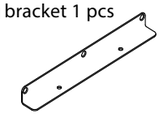
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MOUNTING
Metal clamp 1 pcs

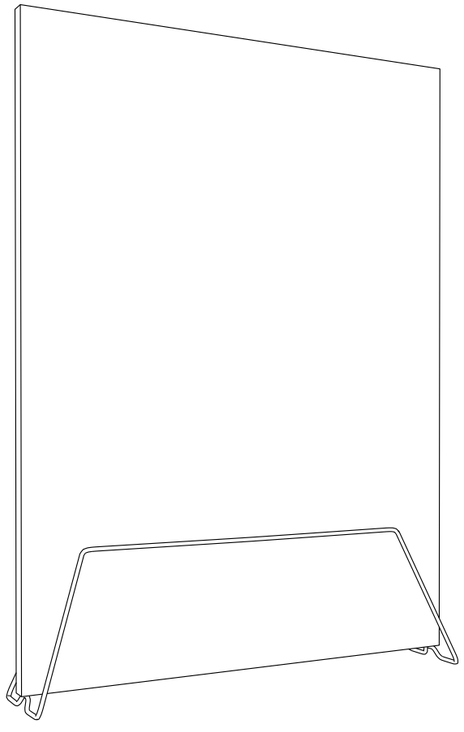


Wire 3 pcs 80 cm / 150 cm
Adjustable cable lock with hook 3 pcs

Ceiling bracket 1 pcs



CLAMP FLOOR



HEIGHT	170 CM
WIDTH	120 CM
DEPHT	4,8 CM
TOTAL DEPTH	45 CM
WEIGHT	7,4 KG
FRAME WEIGHT	4,6 KG

MATERIAL
Ecophon Inside
Fabric
Metal frame in selectable RAL color

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	N10
0,07	0,63	1,43	2,61	2,87	2,46	2,19	4,5

Absorption Class A

Tested according to ISO 354 och SS 25269

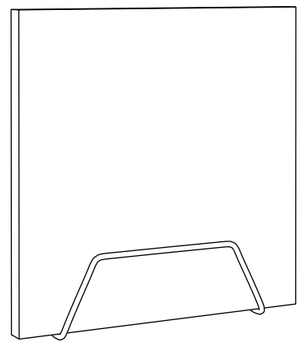
FIRE TEST
Clamp is tested according to SS-EN ISO 11925-2

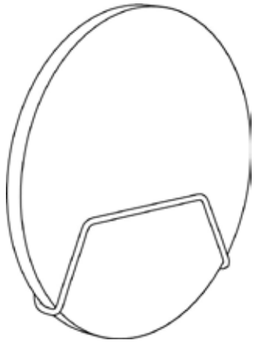
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

CLAMP WALL SQUARE / ROUND



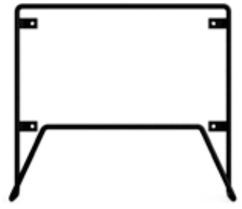


HEIGHT	59,5/79,5 CM
WIDTH	59,5/79,5 CM
DEPHT	4 CM
TOTAL DEPTH	6 CM
TOTAL WEIGHT	2,6/5,2 KG

DIAMETER	ø60/80 CM
WIDTH	4 CM
TOTAL DEPTH	6 CM
TOTAL WEIGHT	2,8/3,6 KG

MATERIAL
Ecophon Inside
Fabric
Metal frame in selectable RAL color

MOUNTING
For wall mounting



ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Clamp is tested according to SS-EN ISO 11925-2

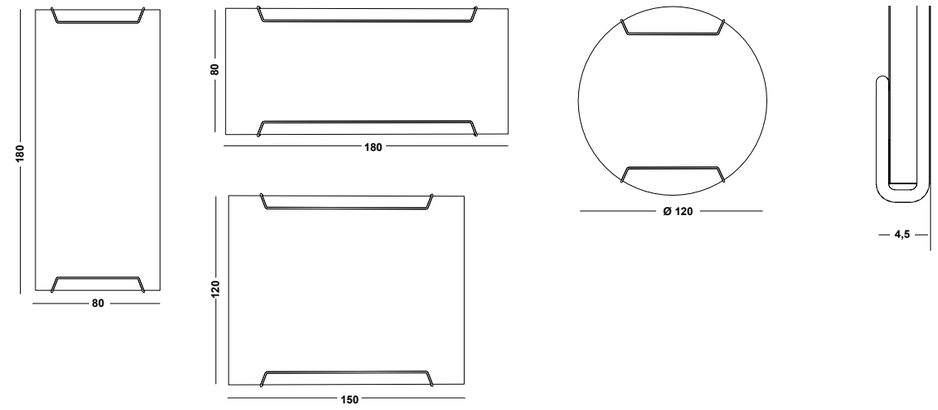
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

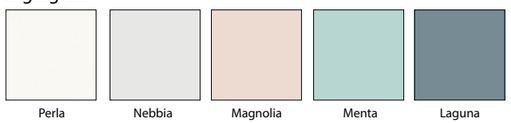
CLAMP - WHITEBOARD

Measurements cm



MATERIAL
Glass laminate - magnetic
Back piece in MDF-board
Metal parts 3mm
Metal frame in selectable RAL color

COLOURS - GLASS LAMINATE
High gloss



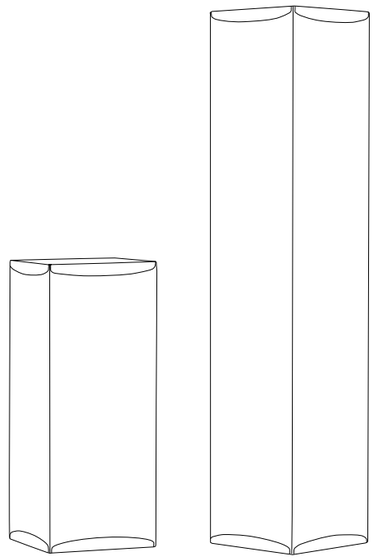
Unser Glaslaminat ist in allen RAL-Farben erhältlich, fordern Sie ein Angebot an.

CUBIC 16/32

HEIGHT	100 CM	200 CM
WIDTH	40 CM	40 CM
DEPHT	40 CM	40 CM
WEIGHT	17 kg	23 kg

MATERIAL
Ecophon Inside
Wooden shell
Fabric Gabriel Xpress
For other fabrics request a quote
With wheels for easy placement
Top / bottom in metal, with optional RAL-colour, black or white finish

FIRE TEST
Will be tested shortly

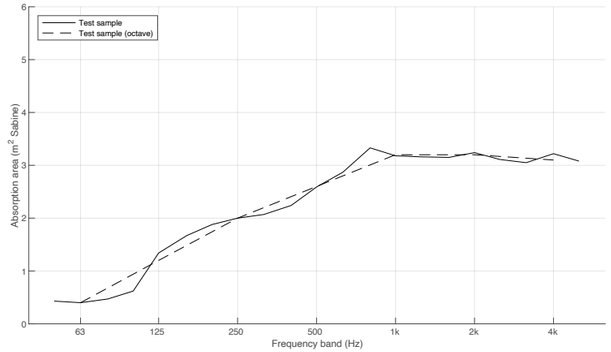


ACOUSTIC PROPERTIES

The absorbent placed in the middle of the room

Frequency in Hz

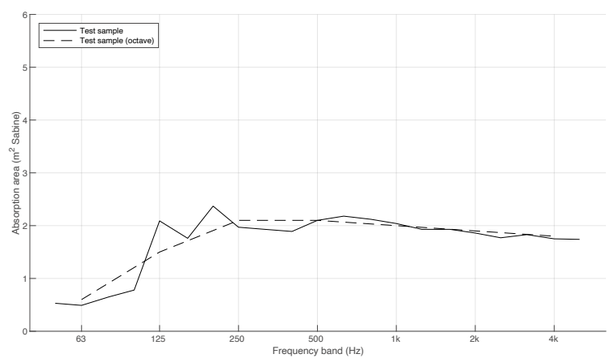
63	125	250	500	1000	2000	4000	N10
0,4	1,34	2,0	2,59	3,18	3,24	3,22	3,8



The absorbent placed in a corner (bass trap).

Frequency in Hz

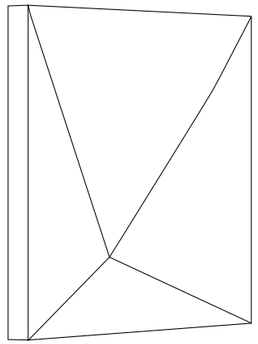
63	125	250	500	1000	2000	4000	N10
0,49	2,09	1,97	2,10	2,04	1,86	1,75	5,6



MÖBELFAKTA

Ecophon INSIDE

FACETT



HEIGHT	60 CM
WIDHT	60 CM
DEPTH	11 CM
WEIGHT	4 KG

MATERIAL
Ecophon Inside
Core in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frekvens i Hz

63	125	250	500	1000	2000	4000	Aw
0,06	0,26	0,77	1,18	1,24	1,10	1,06	1,0

Absorption Class A

Testad enl ISO 354:2003 ISO 11654:1997 ISO 20189:2018

FIRE TEST
Tested according to EN ISO 11925-2

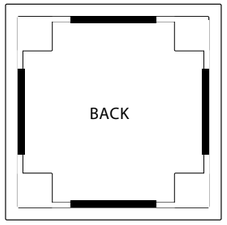
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

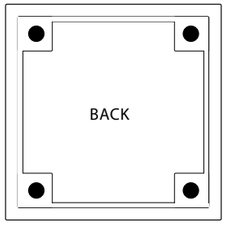
MOUNTING

Suspension with wooden beam 4 pcs (standard)

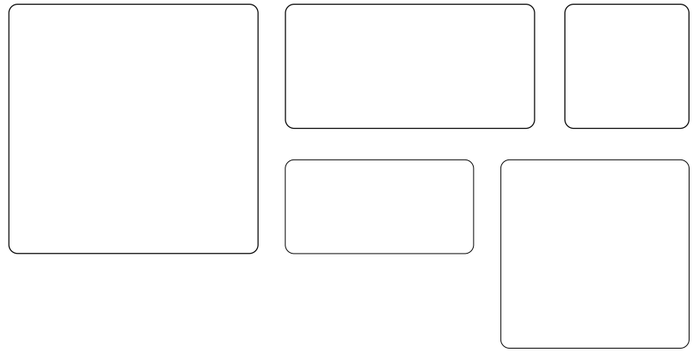


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



FREQUENCY



HEIGHT	80 CM	80 CM	60 CM	60 CM	40 CM
WIDTH	80 CM	40 CM	60 CM	30 CM	40 CM
TOTAL DEPTH	4/8/12 CM	4/8/12 CM	4/8/12 CM	4/8/12 CM	4/8/12 CM
WEIGHT	5,5/6,5/8 KG	2,5/3/4 KG	3/4/5 KG	1,5/2/2,5 KG	1,5/1,7/2 KG

MATERIAL
Ecophon Inside
Back piece in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Frequency is tested according to EN ISO 11925-2

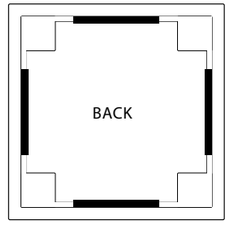
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

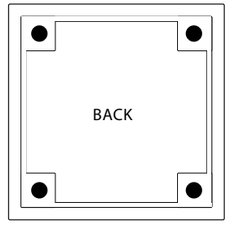
MOUNTING

Suspension with wooden beam 4 pcs (standard)



Wooden beam wall 1 pcs

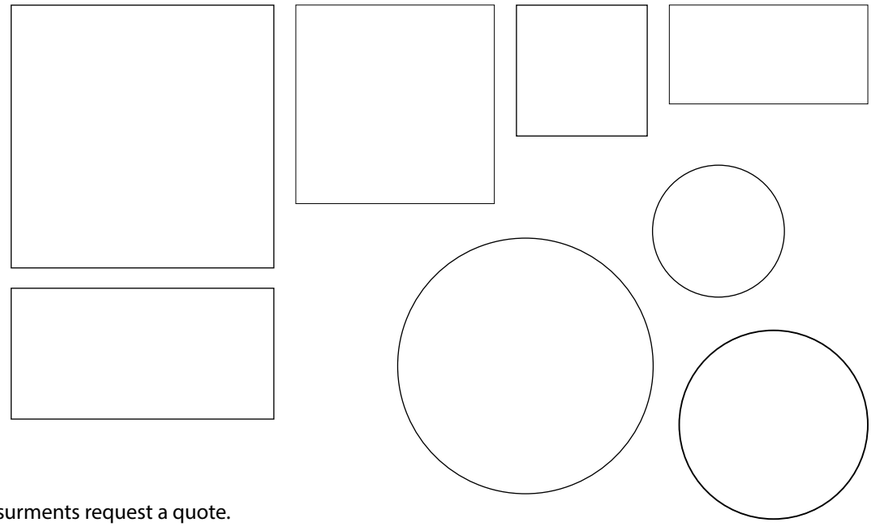
Suspension with magnets 4 pcs (optional)



HERTZ & HERTZ PHOTO

Dimensions
in (cm)

30x60x5
40x40x5
40x80x5
50x50x5
50x70x5
60x60x5
80x80x5
120x30x5
120x50x5
120x60x5
120x80x5
120x120x5
Ø60
Ø90
Ø120



*For special measurments request a quote.

MATERIAL
Ecophon Inside
Back piece in MDF-board
Suspension with metal strip is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Hertz is tested according to SS-EN ISO 11925-2

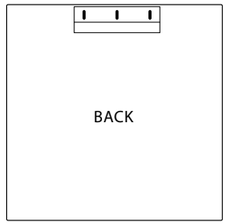
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.
Hertz is now available with your own unique photo or motif. The print is certified based on the requirements for the fabric selection that allows the amount of air required to achieve the right performance on the products.
For price with your own photo/motif please contact Decibel customer support.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

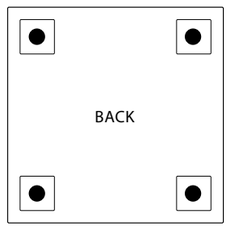
MOUNTING

Suspension with
metal strip



Metal wall molding 1 pcs

Suspension with
magnets 4 pcs
(optional)



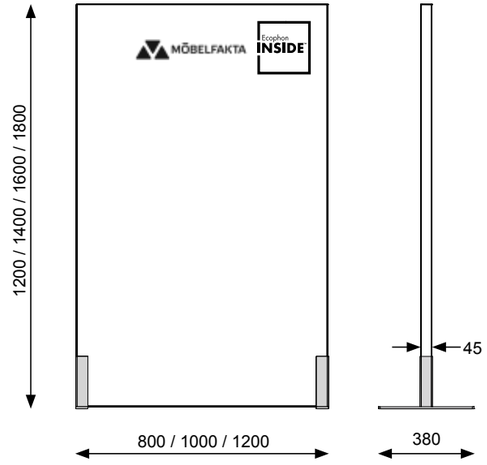
HERTZ FLOOR

MATERIAL
Core: Ecophon Inside
Frame: Birch plywood 40x18 mm
Metal fittings: Metal in selectable RAL color
Selectable fabric

FABRIC
The fabrics we use for our sound absorbers are all carefully selected and tested according to the current standard used by manufacturers.
Prices on application for other fabrics an photo print.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen



* The screens are flexible in size and can be produced in special measurements. Prices on request.

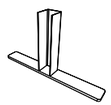
ACOUSTIC FACTS
The screens and its sound absorbing abilities can be declared by using the standard of N10. This measuring method is developed by Acoustic Facts in cooperation with the Swedish Judicial Board for Public Lands and Funds, and describes the demands for a screen that is measured according the standard SS 25269.

acoustic facts

Storlek (b×h i mm)	N_{10} ≤ (Skall understiga nedan)	Hertz floor
1200×1600	8	3,8
1200×1800	7	3,4
1000×1500	9	-
1000×1600	9	4,5
1000×1800	8	4,5

FIRE TEST
Testad enligt EN ISO 11925-2

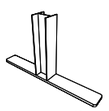
METAL FITTINGS
Choose from the Decibel selection of colours – a total of 192 RAL colours, available both as solid colours (gloss 72) and in a subtly textured finish for an elegant matt surface.
In addition we can offer 15 RAL colours in a mother-of-pearl finish.


End connection floor


End connection floor short


Duo connection top


High-low connection top straight


Duo connection floor


Duo connection floor short


L-connection top


High-low connection top left/right


T-connection floor


End connection wheels


T-connection top


4-connection floor


L-connection floor

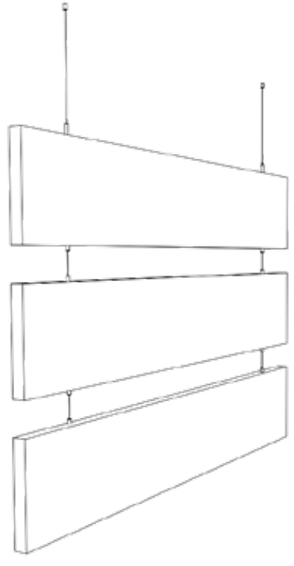

4-connection top

HERTZ BAFFLE

Dimensions
in (cm)

120x30x5
160x30x5

*For special measurments request a quote.



MATERIAL
Ecophon Inside
Frame in 18 mm plywood
Fabric

MOUNTING

Wire

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Hertz is tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

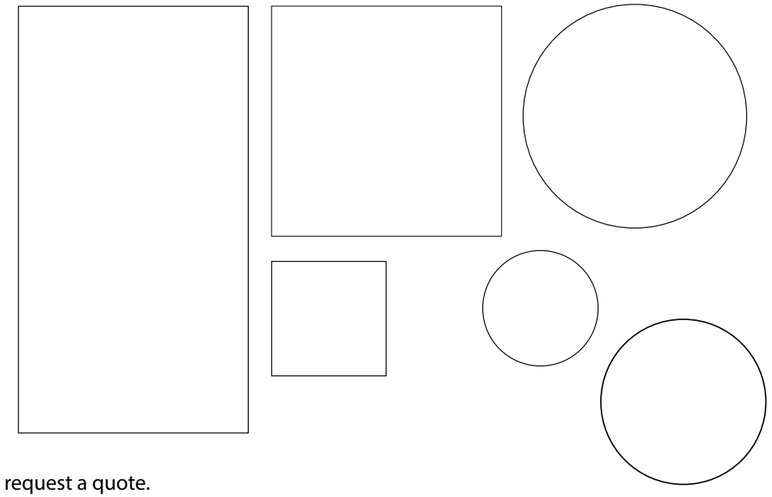
PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

HERTZ CEILING

Dimensions
in (cm)

60x60
120x120
120x200
Ø60
Ø90
Ø120

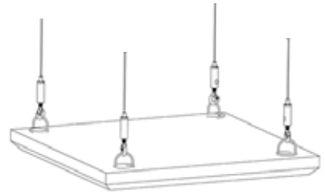


*For special measurments request a quote.

MATERIAL
Ecophon Inside
Back piece in MDF-board
Fabric

MOUNTING

Wire



ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Hertz is tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
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Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

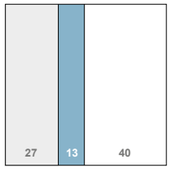
HERTZ STRIPED

80x80x5

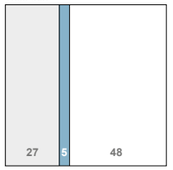
Twin

Twin horizon

Triss

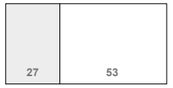


Triss thin



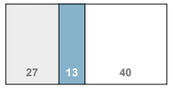
40x80x5

Twin

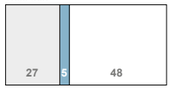


Twin horizon

Triss



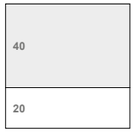
Triss thin



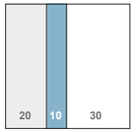
60x60x5

Twin

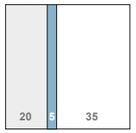
Twin horizon



Triss



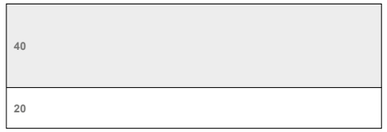
Triss thin



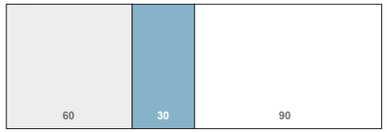
180x60x5

Twin

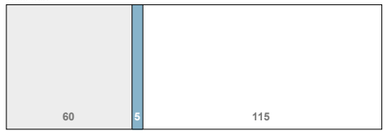
Twin horizon



Triss



Triss thin



MATERIAL
Ecophon Inside
Back piece in MDF-board
Suspension with metal strip is standard
Fabric

OPTIONS
Magnets for mounting

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

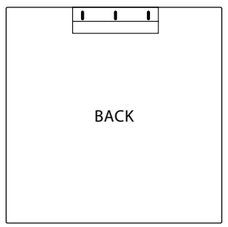
Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Hertz is tested according to SS-EN ISO 11925-2

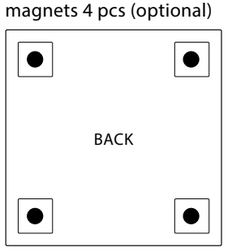
FABRIC
Gabriel Hush
For other fabrics request a quote.

MOUNTING
Suspension with metal strip

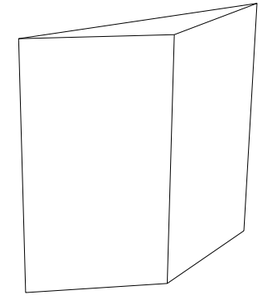


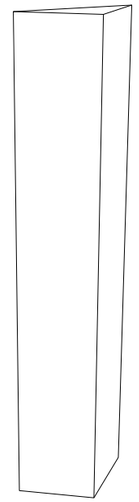
Metal wall molding 1 pcs

Suspension with magnets 4 pcs (optional)



ILLUSION 60 / 120





HEIGHT	60 CM	HEIGHT	120 CM
WIDTH	60 CM	WIDTH	30 CM
DEPTH	12 CM	DEPTH	12 CM
WEIGHT	2,7 KG	WEIGHT	2,7 KG

MATERIAL
Ecophon Inside
Back piece in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,03	0,19	0,61	1,02	1,02	1,12	1,16	1

Absorption Class A

Tested according to ISO 354 och ISO 11654

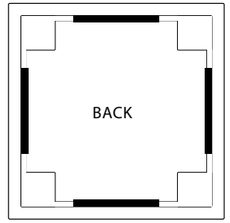
FIRE TEST
Illusion is tested according to SS-EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

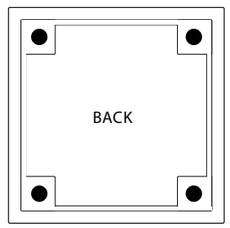
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MOUNTING
Suspension with wooden beam 4 pcs (standard)

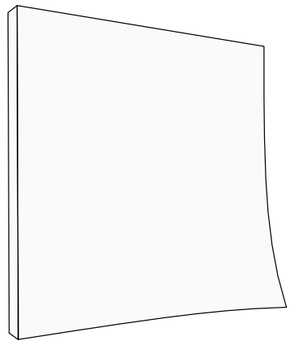


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



NOTE



HEIGHT 60 CM
WIDHT 60 CM
DEPTH 12 CM
WEIGHT 4 KG

MATERIAL
Ecophon Inside
Core in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frekvens i Hz

63	125	250	500	1000	2000	4000	Aw
0,05	0,25	0,75	1,0	1,0	1,00	1,00	1,0

Absorption Class A N_{10} = 4,2 / 6 panels as one piece

Testad enl ISO 354:2003 ISO 11654:1997 ISO 20189:2018

FIRE TEST
Tested according to EN ISO 11925-2

UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
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Camira	Era 170
Davis	Sawana
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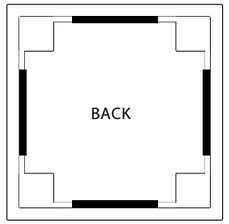
PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

MOUNTING

Suspension with wooden beam 4 pcs (standard)



Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)

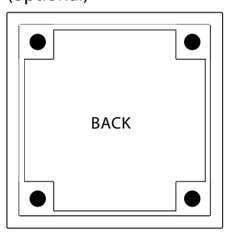


PHOTO FRAME

Dimensions in (cm)
60x60x5
120x60x5
120x90x5
120x120x5
160x120x5
240x120x5
240x240x5

*For special measurments request a quote.

MATERIAL
Ecophon Inside
Anodized aluminum frame
Certified print on fabric with high air permeability for good sound absorption
Suspension with metal strip is standard

IMAGE MOTIVES
We recommend a minimum resolution of 100 dpi for the original image at a 1:1 scale.
The image material should be attached with the order.

OPTIONS
RAL - painted frame
For price request a quote

ACOUSTIC PROPERTIES

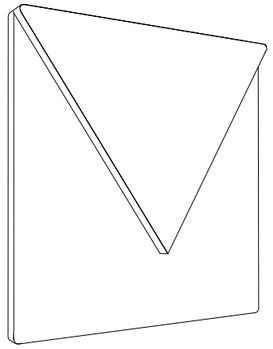
Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

POST



HEIGHT 59,5 CM
WIDTH 59,5 CM
DEPTH 6 CM
WEIGHT 3,8 KG

MATERIAL
Ecophon Inside
Back piece in MDF-board
Suspension with wooden beam is standard
Fabric

OPTIONS
Magnets for mounting, neodym 4 x ø20 x 6 mm
200 cm wooden beam when installing several panels in width
(not in combination with magnets)

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,02	0,17	0,62	1,16	1,16	1,09	1,01	0,95

Absorption Class A

Tested according to ISO 354 och ISO 11654

FIRE TEST
Post is tested according to SS-EN ISO 11925-2

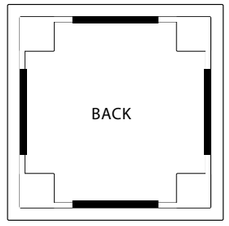
UPHOLSTERY MATERIAL
The fabrics for our sound absorbers are carefully selected and tested according to the standard set by all the manufacturers.

PG0	
Camira	Cara
Camira	Carlow
Camira	Era 170
Davis	Sawana
Gabriel	Event Screen
Gabriel	Hush

PG1	
Gabriel	Soul
Gabriel	Soul Solange
Gabriel	Twist
Gabriel	Twist Melange
Gabriel	Xpress (2,0)
Kvadrat	Remix Screen

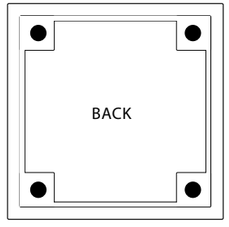
MOUNTING

Suspension with wooden beam 4 pcs (standard)

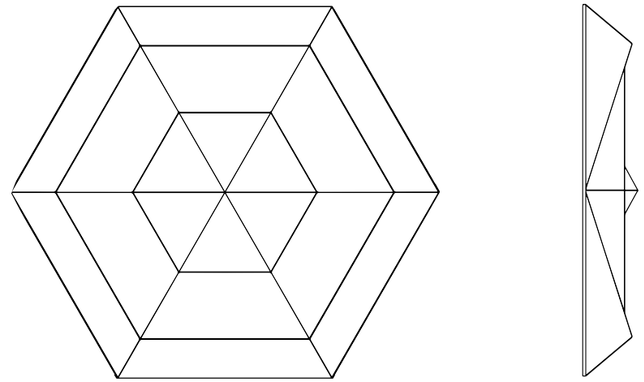


Wooden beam wall 1 pcs

Suspension with magnets 4 pcs (optional)



BEEHIVE

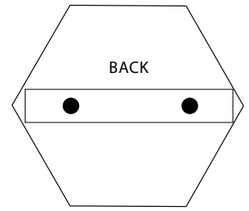


HEIGHT 55 CM
WIDTH 47,5 CM
DEPTH 7,5 CM
WEIGHT 0,5 KG
AREA 0,26 M^2
VOLUME 0,027 M^3

MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 2 x ø30 x 6 mm

MOUNTING

Magnets for mounting 2 pcs



ACOUSTIC PROPERTIES

Frequency in Hz

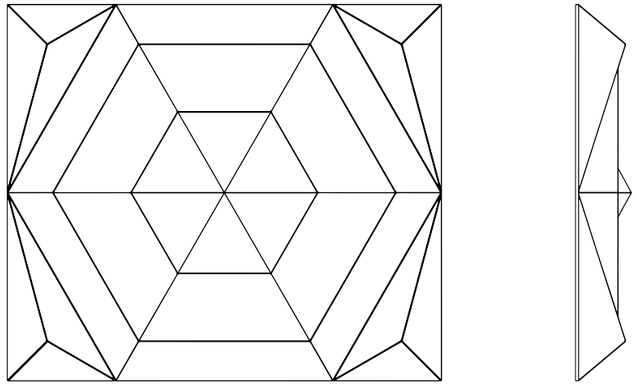
63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

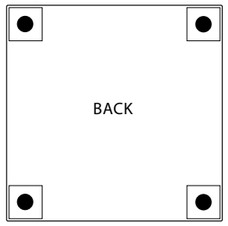
FIRE TEST
Tested according to EN ISO 11925-2

BEEHIVE RECTANGULAR



HEIGHT 55 CM
WIDTH 47,5 CM
DEPTH 7,5 CM
WEIGHT 0,8 KG
AREA 0,26 M²
VOLUME 0,032 M³

MOUNTING
Magnets for mounting 4 pcs



MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 4 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

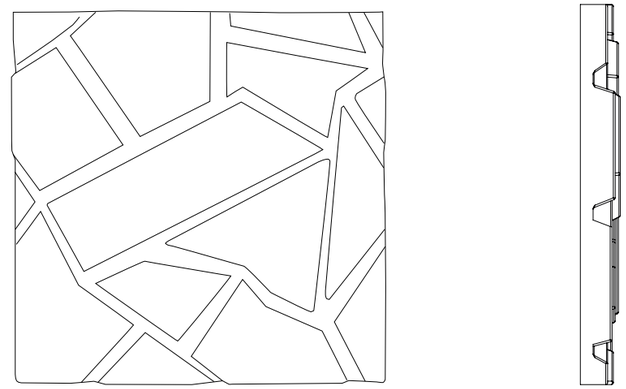
Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

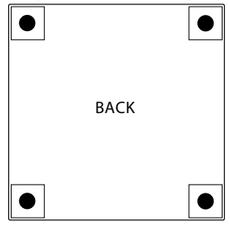
MÖBELFAKTA

CROPFIELD



HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPTH 5,5 CM
WEIGHT 0,9 KG
AREA 0,36 M²
VOLUME 0,038 M³

MOUNTING
Magnets for mounting 4 pcs



MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 4 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

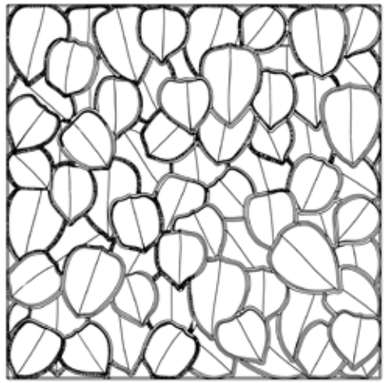
Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

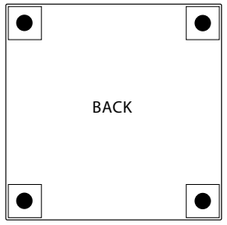
MÖBELFAKTA

LEAVES



HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPTH 6,6 CM
WEIGHT 0,9 KG
AREA 0,36 M²
VOLUME 0,038 M³

MOUNTING
Magnets for mounting 4 pcs



MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 4 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

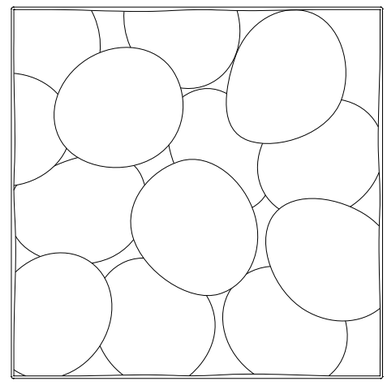
Absorption Class C

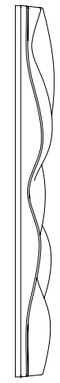
Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

MÖBELFAKTA

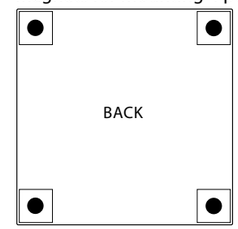
PEBBLE





HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPTH 7,5 CM
WEIGHT 0,9 KG
AREA 0,36 M²
VOLUME 0,038 M³

MOUNTING
Magnets for mounting 4 pcs



MATERIAL
Polyester
Felt black / white /dark grey / light grey
Gabriel Europost
Magnets for mounting, 4 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

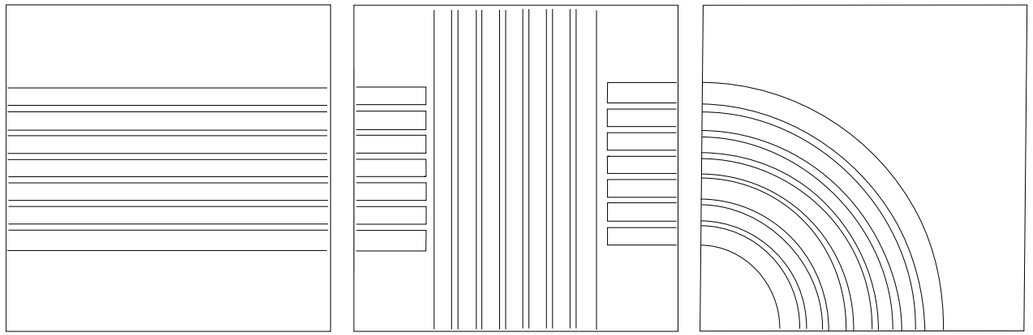
Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

MÖBELFAKTA

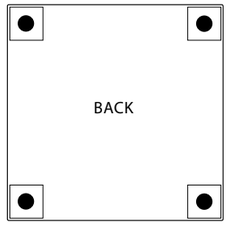
RACE WALL



HEIGHT 60,5 CM
WIDTH 60,5 CM
DEPTH 7,5 CM
WEIGHT 0,9 KG
AREA 0,36 M^2
VOLUME 0,038 M^3

MOUNTING

Magnets for mounting 4 pcs



MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 4 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

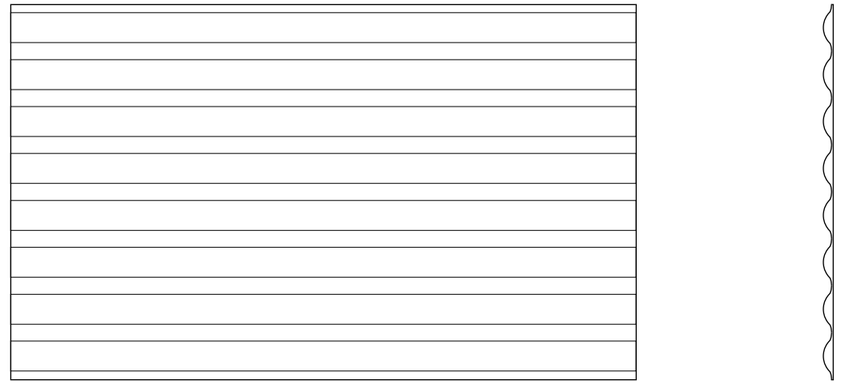
Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

MÖBELFAKTA

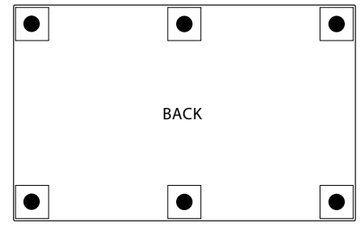
RIB WALL



HEIGHT 60 CM
WIDTH 100 CM
DEPTH 1,5 CM
WEIGHT 2,5 KG
AREA 0,6 M^2
VOLUME 0,06 M^3

MOUNTING

Magnets for mounting 6 pcs



MATERIAL
Polyester
Felt black / white / dark grey / light grey
Gabriel Europost
Magnets for mounting, 6 x ø30 x 6 mm

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,1	0,5	1,0	0,9	0,9	1,0	0,6

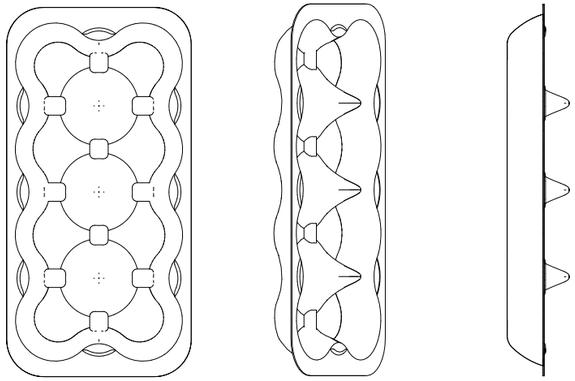
Absorption Class C

Tested according to ISO 354:2003, ISO 25269:2013, ISO 11654:1997

FIRE TEST
Tested according to EN ISO 11925-2

MÖBELFAKTA

VICTOR. THE EGGBOX



HEIGHT	60 CM
WIDHT	30 CM
DEPTH	10 CM
WEIGHT	0,45 KG

MATERIAL

Polyester 70% (recyclable fibers)
Hemp 30% (organic fibers)
Suspension with magnets, 4 x ø20 x 5 mm

COLORS

Pure natural
Ocean blue
Peppermint
Coral red
Purple dream
Grey stone

ACOUSTIC PROPERTIES

Frequency in Hz

63	125	250	500	1000	2000	4000	Aw
0,0	0,05	0,20	0,55	0,85	0,75	0,9	0,5

Absorption Class D

Tested according to EN ISO 354:2003, EN ISO 11654:1997

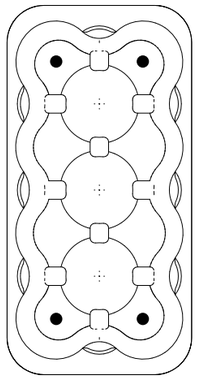
FIRE TEST

Tested according to EN ISO 11925-2

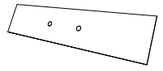
MÖBELFAKTA

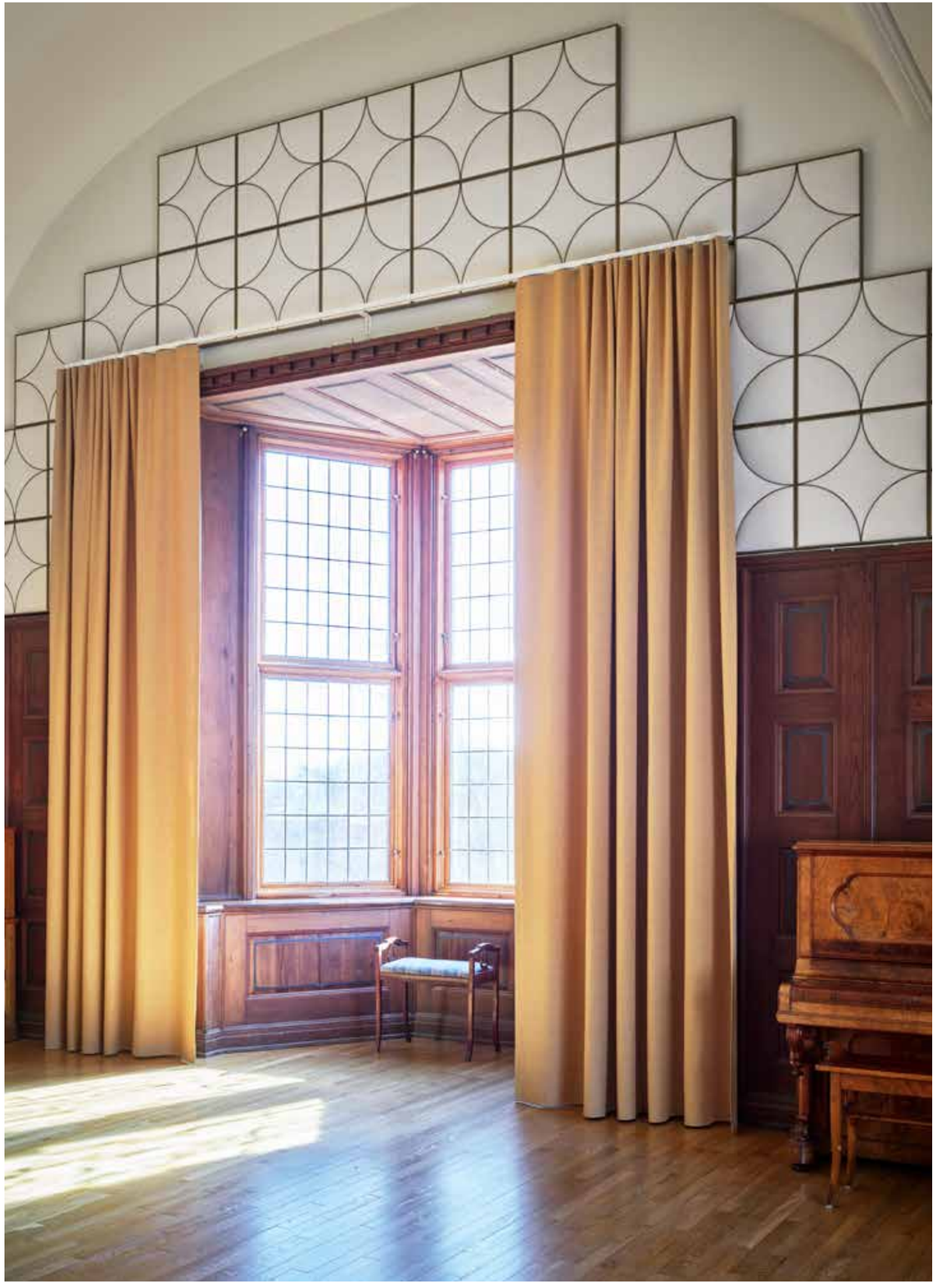
MOUNTING

Suspension with magnets 4 pcs



Mounting plate 180x40 2st





CAD/BIM

Most of our products are downloadable as CAD/BIM objects for 3ds Max, Archicad, AutoCad 2D, DWG, AutoCad 3D, Material & Textures, Revit, SketchUp and pCon Planner.

pCon

The perfect tool for managing everything from simple floor plans to the most complex 3D renderings, Thanks to pCon, producing customised solutions for your project has never been simpler. Powerful OFML data facilitates the entire configuration process from dimensions to the final price. Decibel by Johanson has many years' experience of preparing complete offers for our products.

If you are in need of any files in order to plan your design, please don't hesitate to contact us at Decibel.

SUSTAINABILITY – A KEY PART OF OUR CONCEPT

Decibel by Johanson is tireless in its efforts to create new possibilities and improve the qualities of its products from a sustainability perspective. We place great emphasis on ethical, sustainable production and good working conditions, both in our own facilities and those of our suppliers.

CUS ON ALL COMPONENTS

For all products bearing the Ecophon Inside label our partner and supplier is Ecophon, a company that takes sustainability very seriously and is able to account for the materials' environmental impact. More than 70 percent of the sound-absorbing glass wool core is made from recycled glass. (In a process that is unique in the world, glass bottles deposited in recycling stations in Sweden are recycled as sound absorbers.)

Ecophon was the first in the market to offer a product range made with a plant-based binder, saving the equivalent of 24,000 barrels of crude oil per year. Ecophon products also have a number of third-party certificates that ensure a healthy indoor environment. The production plant in Hyllinge in the south of Sweden is powered by electricity from 100% renewable sources.

All our diffusors are made of pressed polyester felt from recycled PET bottles.

COVERINGS

The fabrics used in our sound absorbers are carefully selected and tested by the manufacturers in accordance with relevant standards.

Decibel aims to ensure that none of the properties of the various components are altered or compromised in any way.

MÖBELFAKTA

The majority of our products meet strict Möbelfakta criteria. This comprehensive and updated reference and labelling system is synonymous with professionalism and quality throughout the entire value chain, all the way to the end user. The system is based on three areas of requirements:

– Quality
– Environment
– Social responsibility

DECIBEL BY JOHANSON – SOUND ABSORBERS THAT MAKE A CLEAR DIFFERENCE

Our products are developed not only with people's ears in mind – they are designed to have eye-appeal as well. We want our sound absorbers to be as attractive to look at as they are effective in creating a pleasant acoustic environment. The visual design and acoustic properties work together to produce the kind of truly harmonious setting that helps promote a sense of well-being and improves productivity.

DECIBEL
by JOHANSON

www.decibelab.com

Version 1.2024