



# DECIBEL

silencing through design



THE ESSENCE OF A SOUND ABSORBER IS TO SUBDUÉ AND BREAK UP SOUND WAVES TO CREATE PLEASANT SURROUNDINGS AND ENVIRONMENTS. IT'S THE FUNCTION AND TECHNOLOGY BEHIND THIS THAT HAVE BEEN THE DRIVING FORCE BEHIND THE DESIGN PROCESS, WHERE AESTHETIC VALUES CAN BE SEEN IN MATHEMATICAL FORMULAS THAT CREATE A BASE ON WHICH TO BUILD FURTHER.

JOHAN LINDSTÉN

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In a unique collaboration with Ecophon – world leaders in acoustic solutions – we are launching a completely new concept.

We are the only Swedish company to enter into a collaboration in which knowledge and skill have been key to creating the results: world-class sound absorbers. The materials used in both the core and surface have therefore been chosen for the high quality of their performance. They are environmentally-adapted and classified materials which, when combined with well-planned design, challenge a world of noise.

All of our products are rigorously tested at accredited laboratories according to the standards that apply to each market.

The production processes for the various components are certified in accordance with the ISO 14001 environmental standard and all manufacturing takes place at Hyllinge and Markaryd in Sweden.

Decibel by Johanson delivers sound absorbers that make a difference.





Hertz is a series of sound absorbers with excellent sound absorption properties that is available in a total of 15 different formats. Its stylish, understated design means it is simple to apply to different types of environments.

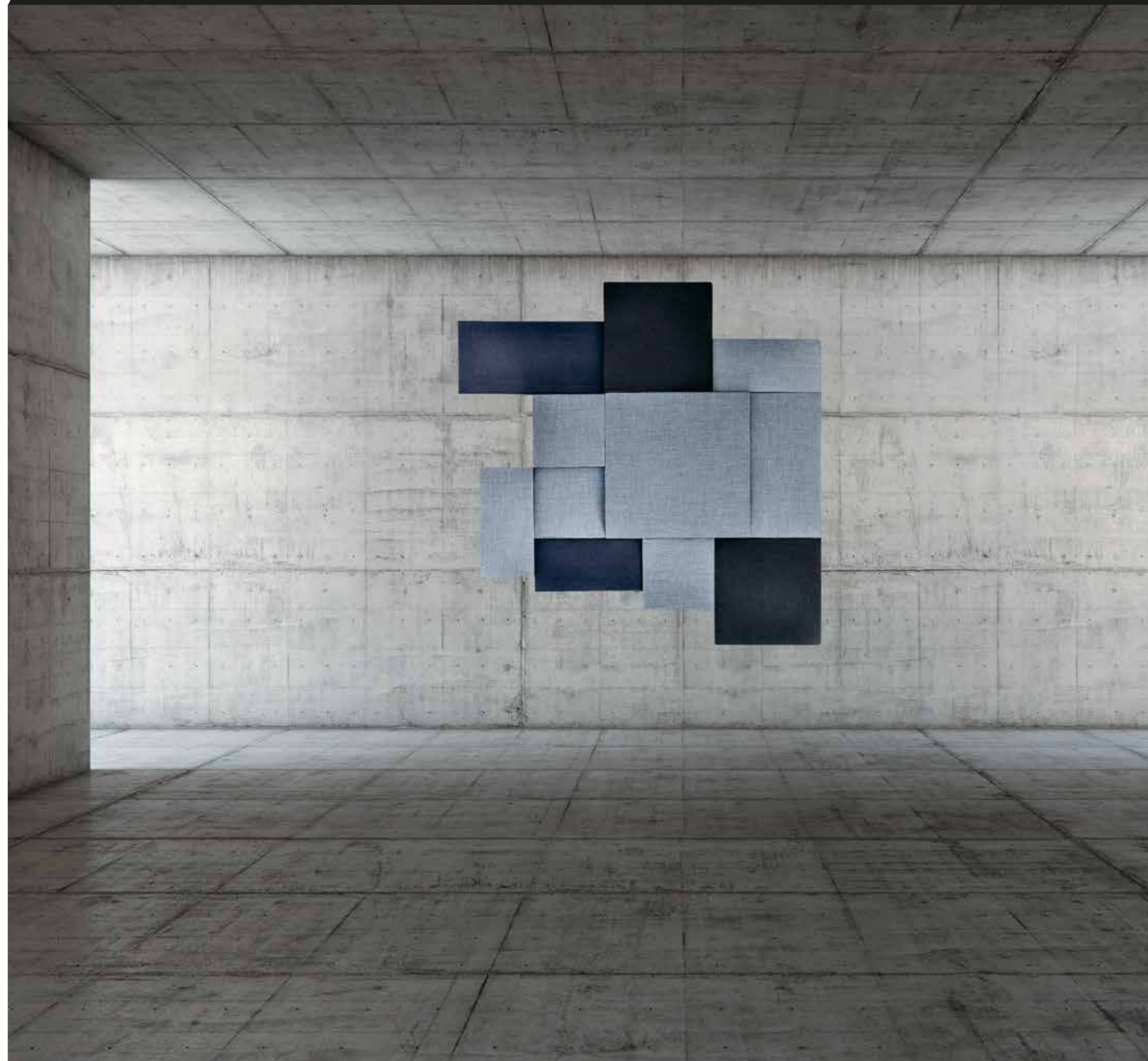
HEIGHT	80 CM	80 CM	60 CM	60 CM	40 CM
WIDTH	80 CM	40 CM	60 CM	30 CM	40 CM
DEPTH	4/6/8 CM	4/6/8 CM	4/6/8 CM	4/6/8 CM	4/6/8 CM

**MATERIAL**

40mm  
Focus SQ 40mm  
Choice of fabric  
Mounting plate + screw

60mm  
Focus SQ 40mm  
Focus SQ 20mm  
Choice of fabric  
Mounting plate + screw

80mm  
2 st Focus SQ 40mm  
Choice of fabric  
Mounting plate + screw







"CHESTERFIELD HAS HIGH ABSORBENCY PROPERTIES THANKS TO ITS INNOVATIVE CONSTRUCTION. IT MIXES A VARIETY OF ABSORBENCY DENSITIES: HIGH DENSITY CLOSEST TO THE WALLS AND LOWER DENSITY FURTHER AWAY FROM THE WALLS. IT CREATES A GOOD BALANCE IN THE IMPORTANT MEDIUM FREQUENCY RANGE IN WHICH MUCH OF THE SOUND ENERGY IN SPEECH CAN BE FOUND. THIS MAKES CHESTERFIELD A HIGHLY EFFECTIVE, SPACE-EFFICIENT SOLUTION: ITS ABSORBENCY PROPERTIES ARE UP TO 30% GREATER THAN THOSE OF A STANDARD SOFT PANEL THAT WOULD HAVE OCCUPIED THE SAME SPACE."

PIERRE CHIGOT / DESIGN DEVELOPER, ECOPHON



Like its name, the inspiration comes from the iconic, traditional Chesterfield sofa and its timeless design that has become synonymous with deep quilting. The height differences of the sinusoidal curves give the sound absorbers their characteristic design at the same time as reinforcing their acoustic and absorbent properties.

HEIGHT 60,5 CM  
 WIDTH 60,5 CM  
 DEPTH 7,5 CM

**MATERIAL**

- 1 Focus SQ - 600x600
- 1 Combison XR - 600x600
- Metal frame
- Wire grids
- Choice of fabric
- Mounting plate for magnets
- Magnets for mounting







Loop is made up of four identical arcs/radii which together create a geometric basis for expansion. You can adapt the look of the exterior depending on how Loop is positioned and with an offset you can create a playful, billowing design along the wall.

HEIGHT 60,5 CM  
 WIDTH 60,5 CM  
 DEPTH 7,5 CM

**MATERIAL**

- 1 Focus SQ - 600x600
- 1 Combison XR - 600x600
- Metal frame
- Wire grid
- Choice of fabric
- Mounting plate for magnets
- Magnets for mounting





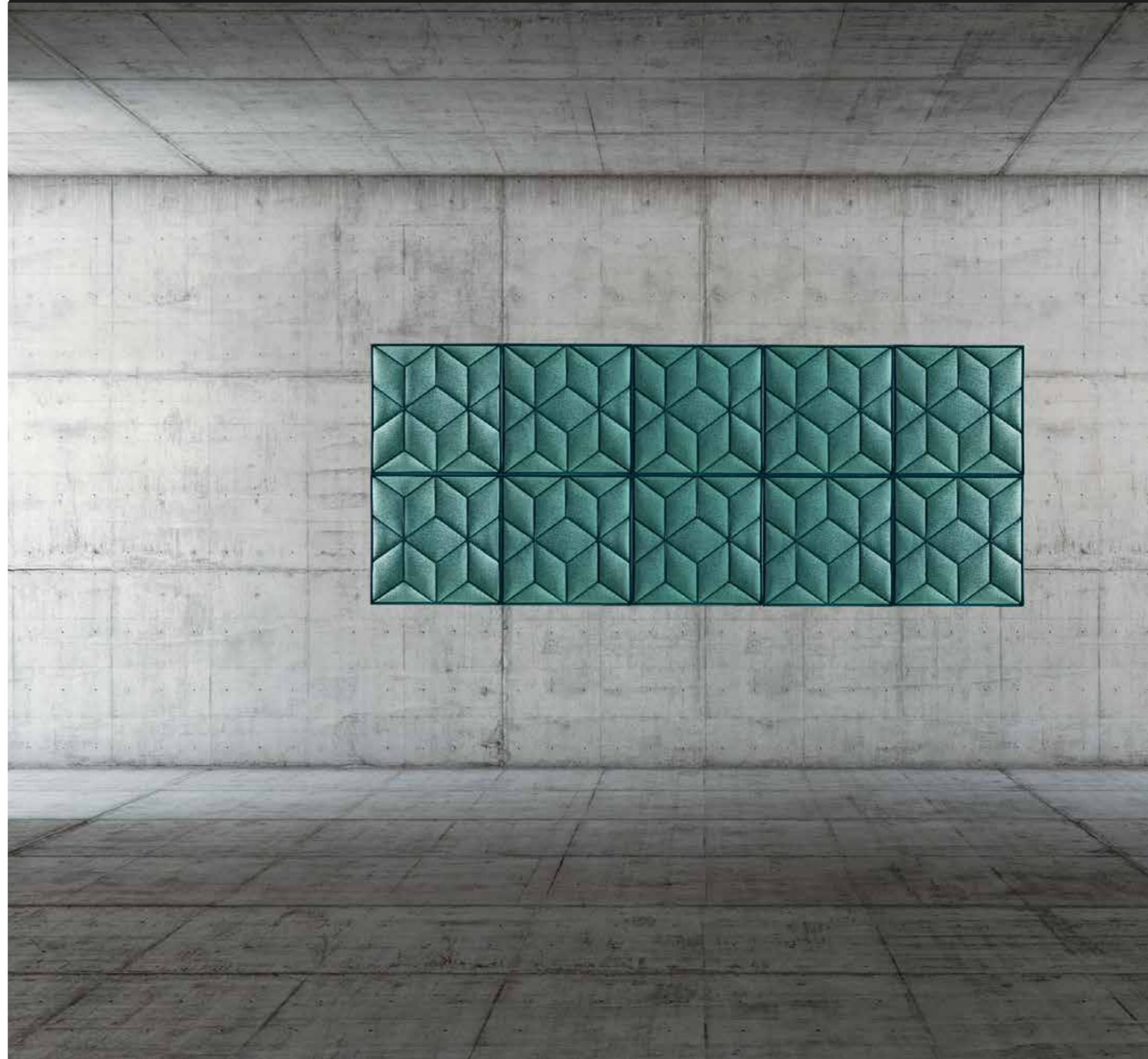


The aim and intention of Romb is to create an intricate, graphic silhouette with a blend of rhombuses, triangles and hexagons which, when combined as a whole, create a visually attractive pattern. Various parallel characters can be seen in the structure, depending on how it is viewed.

HEIGHT 60,5 CM  
 WIDTH 60,5 CM  
 DEPTH 7,5 CM

#### MATERIAL

1 Focus SQ - 600x600  
 1 Combison XR - 600x600  
 Metal frame  
 Wire grid  
 Choice of fabric  
 Mounting plate for magnets  
 Magnets for mounting







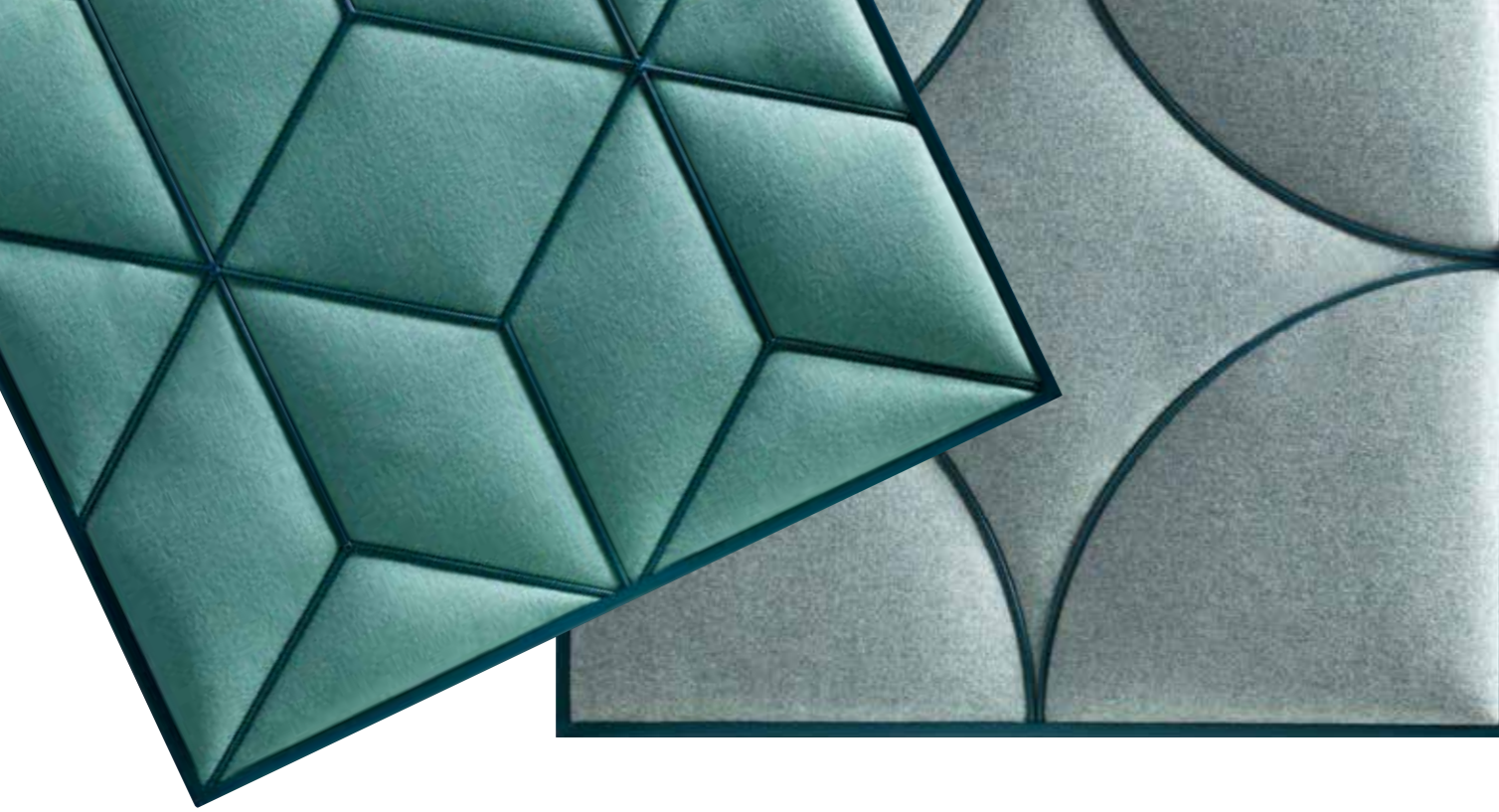
Illusion, with its beautifully balanced design, is an efficient sound absorber thanks to the way it is constructed. The pleats create a larger exposed surface, while the cavity behind provides the absorber with the airspace it needs to work efficiently in the medium frequency range.

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**HEIGHT** 120 CM  
**WIDTH** 30 CM  
**DEPTH** 12 CM

**MATERIAL**

1 Focus SQ 1200x600  
Choice of fabric  
Mounting plate for magnets  
Magnets for mounting



## THE BEST OF BOTH WORLDS

Decibel by Johanson has been working with world-leaders in acoustic solutions, Saint-Gobain Ecophon AB, since 2017. Ecophon develops, manufactures and markets acoustic solutions that help to create good working environments by enhancing people's wellbeing and ability to perform. Ecophon operates in more than 20 countries, has a turnover of SEK 2 billion and is part of one of the world's largest industrial groups, Saint-Gobain, of France.

Together we aim to challenge the interior design industry with solutions that offer high quality design with sound absorbing performance.

Put simply, Ecophon has given us the opportunity to integrate its world-leading expertise and well-established products with our design skills and unique offer. Together these components offer an unparalleled range of sound-absorbing products that provide Decibel customers with the opportunity to create attractive interiors while also making a real contribution to achieving a better indoor sound environment.

**Ecophon**<sup>®</sup>  
SAINT-GOBAIN  
A SOUND EFFECT ON PEOPLE

DECIBEL  
by  
JOHANSON



## SUSTAINABILITY – AN IMPORTANT PART OF OUR CONCEPT

Decibel by Johanson is constantly striving for new opportunities and improved properties with our products. We place great importance on the environmental impact of our own in-house production processes and those of our suppliers, as well as the components involved.

## FOCUSING ON THE INSIDE

Working with Ecophon, we have a supplier who takes these issues very seriously and can account for the environmental impact of the core material. It is worth mentioning that more than 70% of the glass content in the sound-absorbing glass wool is made up of recycled glass. Collecting items like glass bottles via recycling stations in Sweden and making them into sound absorbers is unique. Ecophon was the first in the market to offer its product range made with a plant-based binder thus eliminating the need for 24,000 barrels of crude oil per year. Ecophon's products also have a number of third-party certificates for ensuring a healthy indoor environment for people. The production plant is based in Hyllinge, southern Sweden, and is powered by electricity from 100% renewable sources.

## COVERS

The fabrics used in our various sound absorbers are carefully selected and tested according to the relevant standards by all our manufacturers.

Decibel's aim is to ensure that none of the properties contributed by each of the various components are altered or compromised in any way.





## DECIBEL BY JOHANSON DELIVERS SOUND AB- SORBERS THAT MAKE A REAL DIFFERENCE

The Ecophon Inside™ label guarantees that products bearing this brand have been developed together with Ecophon and that the sound-absorbent materials are of the highest Ecophon class. In addition, access to all the necessary expertise within Ecophon has been available to us during every phase of the development process of these branded products. The sound absorbers are designed and made with great attention to detail to achieve high standards of technical performance combined with a visually appealing design.

Ecophon Inside™ is a registered trademark and must not be copied or used in any way that has not been approved by Saint-Gobain Ecophon AB.

[www.decibelab.se](http://www.decibelab.se)



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