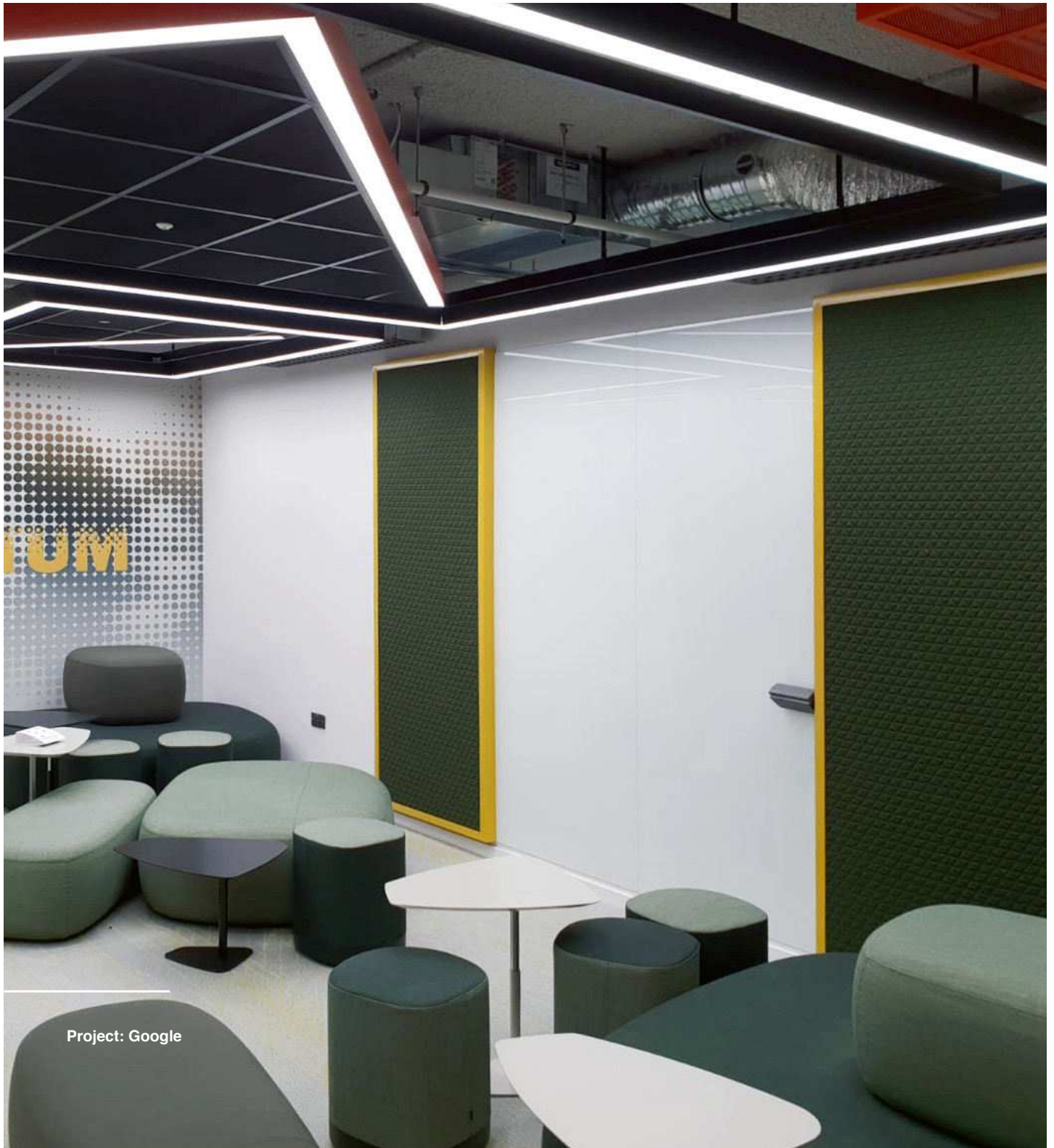


Vibe Sonar



02

The Vibe Sonar system is a demountable solution that offers a variety of frames, which can be exposed or concealed based on the design intent. You can choose from powder-coated steel, wooden, and aluminium frames. Fabric choices are endless, and fabrics can be wrapped around or within the frame. Additionally, materials can be printed, laser-etched, and layered.



Project: Google

SPECIFICATIONS

Dimensions

The panel size is adjustable, with the width varying based on the chosen finish material. Standard panel depths include 12mm, 25mm, 40mm, and 50mm, with custom depths available upon request.

Track

The Sonar system offers both hidden and external frame options. The hidden frame is made from locally sourced MDF with FSC certification and is available in 9mm and 15mm thicknesses. The external frame can be crafted from metal or aluminum, painted to RAL specifications, or finished in copper, brass, or natural wood, as requested by the designer. This demountable system allows for easy removal from the wall to access services behind the panel and is fully transportable. The entire system is 100% assembled in Ireland.

Core

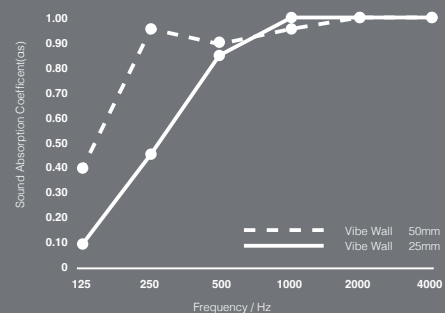
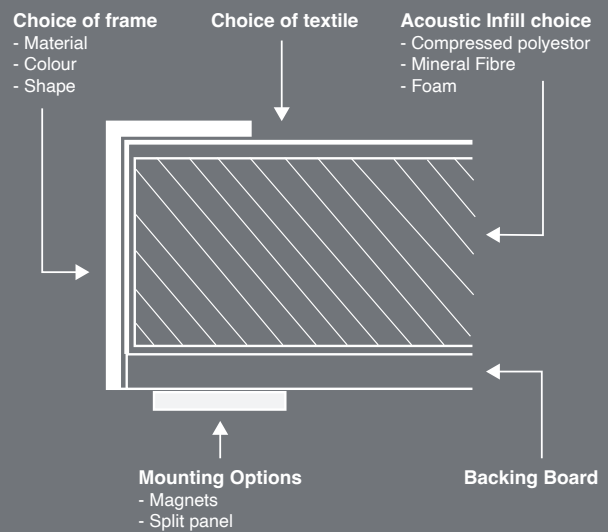
We have a selection of 4 different core infills. Hemp, Polyester, Foam and Mineral fiber.

Finish 1: Fabric

The Vibe systems are designed to accommodate various acoustic textiles and fabrics. The system can be customized with a wide range of colors and sizes using fabrics from all leading acoustic manufacturers. Standard panels measure 140 cm, with wider options available. The system comes with a guarantee of up to 10 years, depending on the selected textile.

Finishes 2 & 3: Wool Felt or Recycled Polyester Felt

Wool felt, made from 100% wool and manufactured in Germany, is available in 2mm (600g/m²) and 3mm (840g/m²) thicknesses. It offers excellent sound and heat insulation properties and comes in a wide range of colors, allowing for customized design solutions. The recycled polyester felt is composed of 96% post-consumer polyester and is available in 2mm (600g/m²) or 4mm (1200g/m²) thicknesses. This decorative material also absorbs sound effectively, making it suitable for various interior applications. Both materials come in standard 750mm wide rolls, are durable, and offer environmentally friendly options, with wool felt being biodegradable and compostable.



Frequency	125	250	500	1000	2000	4000	Class
Vibe Wall 25mm	0.10	0.45	0.88	1.00	1.00	1.00	C
Vibe Wall 50mm	0.40	0.95	0.90	0.95	1.00	1.00	A

*Acoustic Data can vary depending on exact fabric selected

ACOUSTIC PERFORMANCE

Acoustic resistance

25mm Class C – 50mm Class A

Installation system

Direct fix to wall. Built on site.
Wall to wall and/or floor to ceiling.

Thermal Conductivity

0.039 W/mK Mineral Core Fibre,
0.035 W/mK Foam, 0.040 W/mK Polyester.

FIRE RATING

Vision Vibe Acoustic system complies with the BS EN 13501-1 A1-s1-d0. For the foam and polyester the rating is BS EN 13501-1 Class B s1 d0. We recommend a selection of the stretch fabric coverings which meet the requirements of BS EN 13501-1 rating B-S1-d0. We also will provide additional fire retardancy treatments to achieve this.

CUSTOMISATION

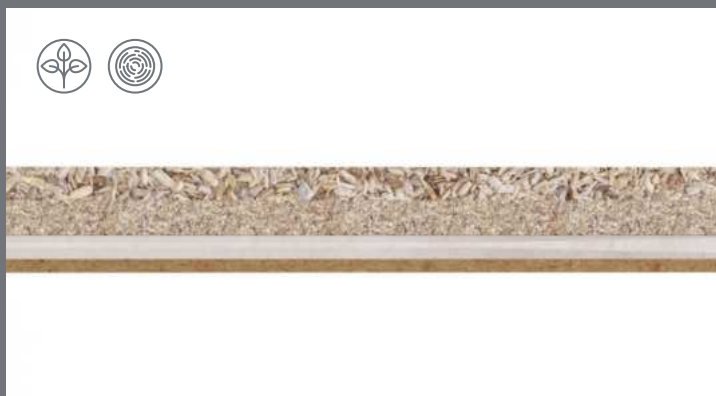
- Available in two depths 25 and 50 mm.
- Lighting can be added into the system.
- Use textiles from brand leading manufacturers
- In-house printing of images or graphics.
- In-house laser etch graphics.
- Anti-Microbial Performance on request.

APPLICATIONS

- Commercial Offices
- Meeting Rooms
- Theaters
- Recording Studios
- Restaurants
- Banks
- Libraries

Core 1: Hemp - 100% Natural Bio-based Material

Designed and manufactured regeneratively. Formaldehyde free. Free of harmful VOCs. 100% Natural Bio-based material. Nature Plus B.V Member. Acoustic absorption panel size. 1200mm x 600mm. Available in two depths 23 mm and 47 mm. Density: 2.5kg per m². Acoustic absorption panel size 1200mm x 600mm. Available in two depths 23 mm and 47 mm. Acoustic rating: 23 mm Class C, 47 mm Class A. Thermal Conductivity: λ 0.041W/m2K. Fire Rating BS EN 13501-1:2018. Class B.



Core 2: Polyester

The polyester is a lightweight fiber product. It exhibits excellent fire resistance properties and as such does not flame or emit toxic fumes and is made from 60%+ recycled PET bottles. Due to its excellent thermal and acoustic properties, it has countless applications including acoustic baffles and acoustic wall panels. Similar to the mineral core the polyester reaches Class C sound absorption at 25mm and Class A and 50mm. The core achieves Euro Class B at EN 13501. We use our polyester core in our ceiling applications as it can then still be used over restaurant areas unlike mineral core absorbers. Density: 2.5kg per m².



Core 3: Foam

Basotect® is a lightweight, open cell melamine foam. It exhibits excellent fire resistance properties and as such does not flame or emit toxic fumes. Due to its excellent thermal and acoustic properties it has countless applications including acoustic wall and ceiling panels. This acoustic foam reaches Class O fire rating at 25 mm. It is a great performing acoustic core reaching Class D sound absorption at 25 mm and Class B at 50 mm. The panels can be made as large as 2700 mm x 1200 mm. Due to the foams consistent colour it can be used without a fabric face as a simple solution for ceiling application. Density: 9kg per m³.



Core 4: Mineral fiber

The mineral core is our highest absorbing acoustic panel. Due to its rigidity many offices tend to use this as multi functional product by also using it as a pinboard. As seen in the table below it reaches Class C sound absorption at 25mm and Class A at 50 mm. The Core achieves Class A fire rating to EN 13 501-1. This core also comes in 2700 mm height so it is perfect for most floor to ceiling applications. Density: 94kg per m².



Laser Etched Sonar

Project: Takeda

The Vibe design team worked with the architects to create a number of different environments for this project.

The soft material and natural coloured felt was laser etched with the symbols and designs.

The felt was stretched onto an demountable panels stretched over a 50mm polyester core creating a class A acoustics panel.

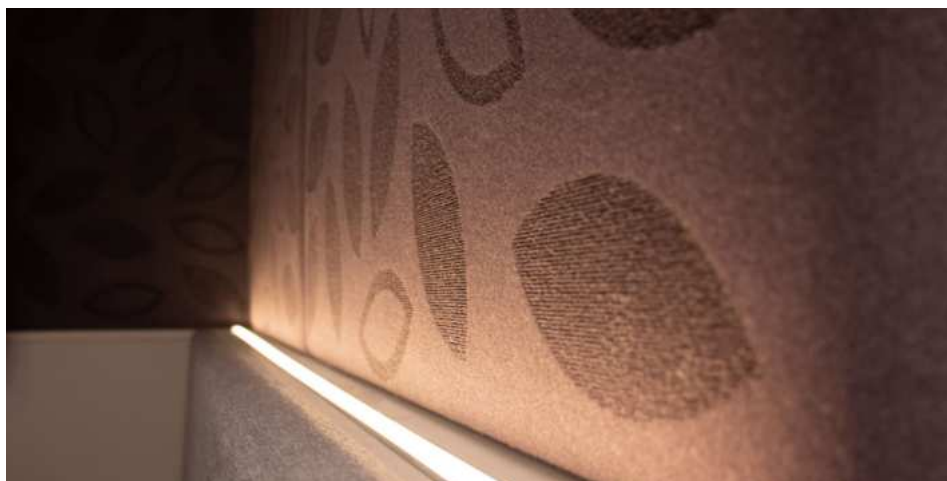




Laser Etched Vibe Sonar

Project: ESB

The sonar system was produced in 60mm and 80mm panels. The panels are easily demountable and versatile. The design required a leaf inspired pattern.



Printed Sonar with light stream & integrated whiteboard.

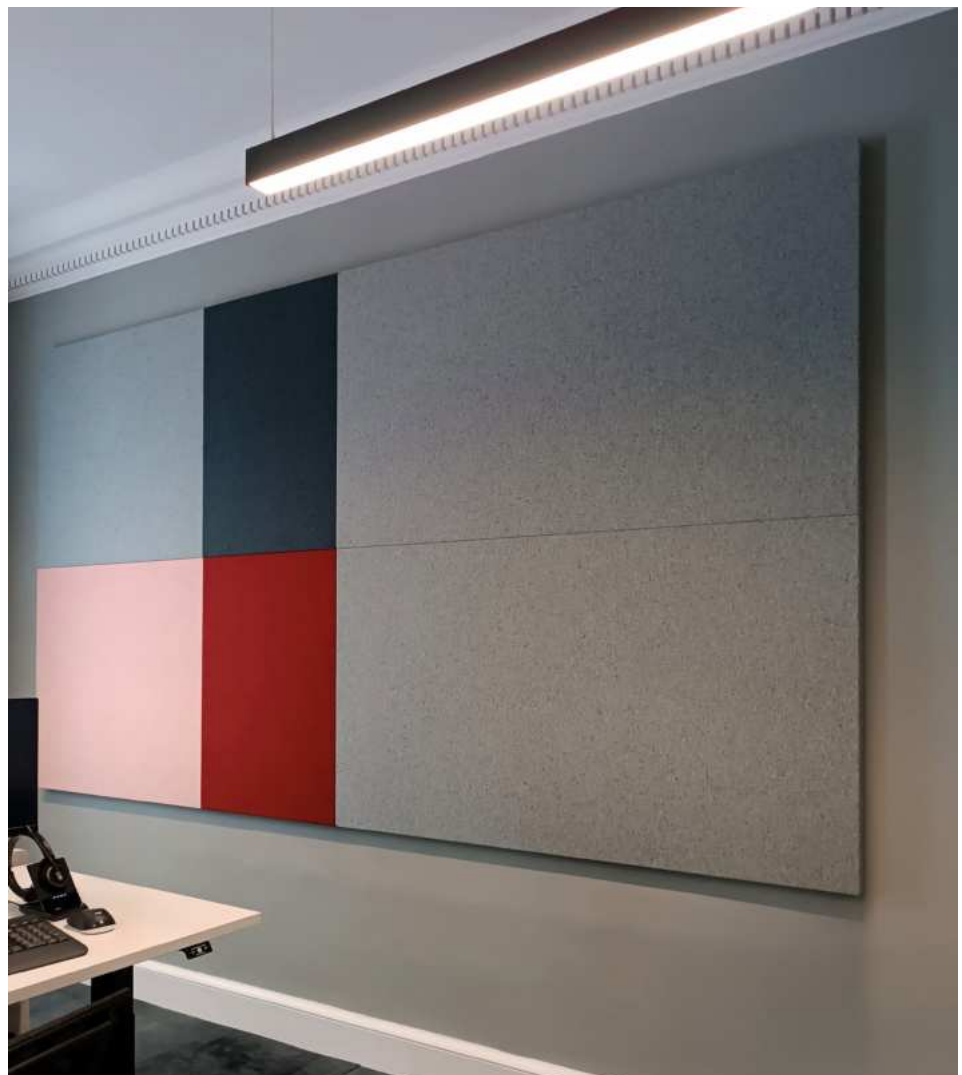
Project: SIG

Vibe Sonar panels with printed fabrics, led light streams and whiteboard integrated.
A showcase of 25mm and 50mm panels on a selection of Camira fabrics showcasing printing, lights and whiteboards.



Project: Egon Zehnder

Vibe Sonar system, paired with Puring fabric, allowed for both acoustic enhancement and artistic expression. The Sonar panels were used to create visually striking compositions, transforming the space into a functional yet artistic environment. This design flexibility highlights the system's ability to serve not just as a sound solution but also as a medium for creative, customized wall installations, making it a perfect blend of functionality and aesthetics.



Vibe Sonar with Steel Frames.

Project: Google

The 50mm acoustics panel are demountable and used a selection of Kvadrat materials within colourful powder coated steel frames.



