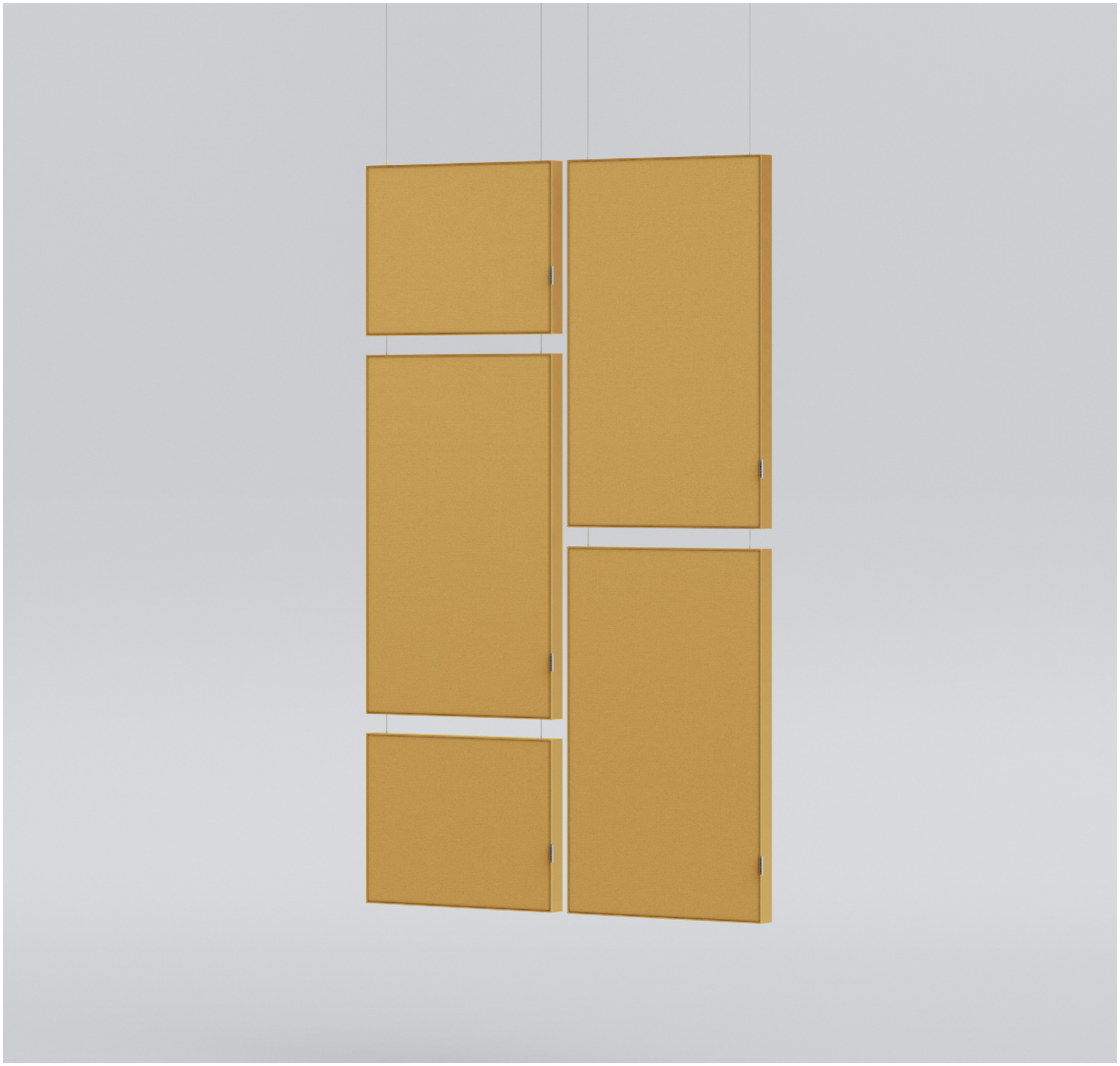
Supersonic Vertical Suspended Screen

SPECIFICATION SHEET 2026

AKUART



PRODUCT DESCRIPTION

The Akuart Supersonic Vertical Suspended Screen is designed to shape space,both acoustically and visually, by defining zones between clusters of workstations while preserving openness and light. Suspended from above, it introduces a soft architectural layer that absorbs sound, frames movement, and brings rhythm and depth into the interior.

The wire-suspended system allows the screen to float within the space, creating a flexible and elegant solution for open-plan environments. With extensive design options, it offers creative freedom to support any aesthetic narrative, from subtle and calm to bold and expressive, without compromising acoustic performance.

A wide colour range, Akuart’s signature exchangeable canvases, and a design-for-disassembly construction form the core of the system. Each component can be separated, replaced, and recycled, ensuring long-term adaptability and responsible material use. The result is an acoustic solution that is not only functional, but designed to evolve with the spaces it inhabits.

Features



CHANGEABLE CANVAS TEXTILE

Both canvases textile can be removed and replaced independently without disassembling the screen or affecting the acoustic core. This enables visual updates and surface replacement with minimal downtime, reduced material use, and an extended product lifespan.



REINFORCED CORNERS

Integrated metal corner inserts ensure precise frame assembly and eliminate exposed or sharp edges, improving durability, safety, and overall finish quality.

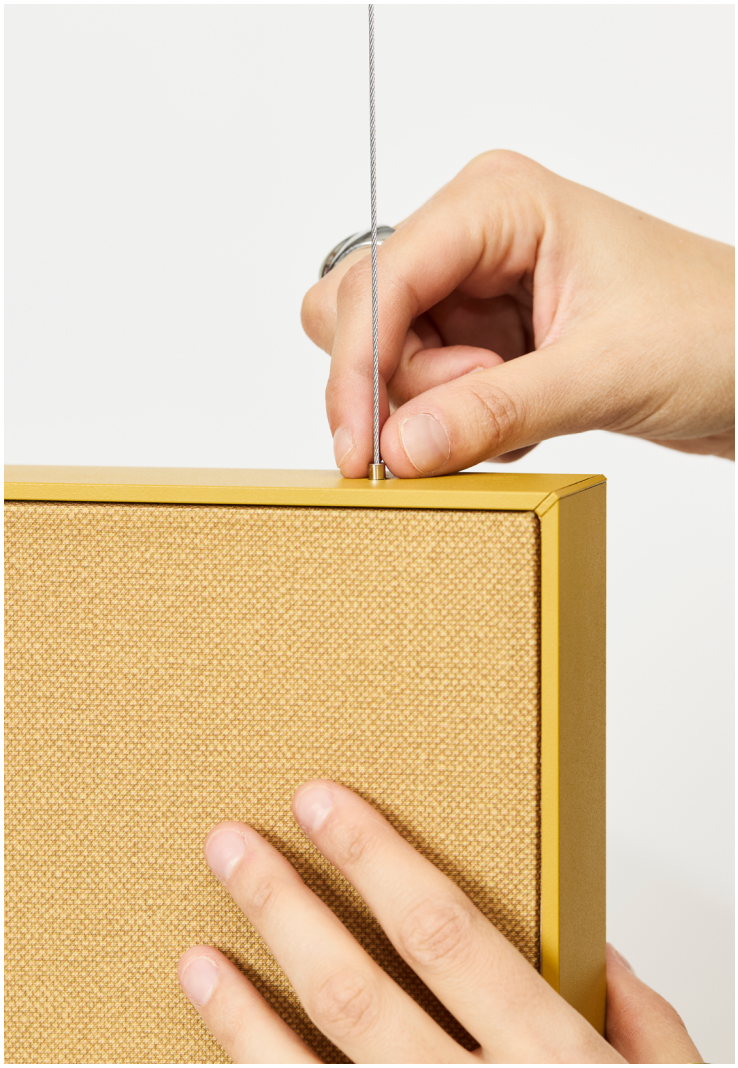
Learn more about the Supersonic Vertical Suspended Screen →

Features



PINNABLE SURFACE

The screen features a soft acoustic surface that allows notes and lightweight materials to be pinned without compromising acoustic performance or surface integrity.



DESIGN FOR DISASSEMBLY

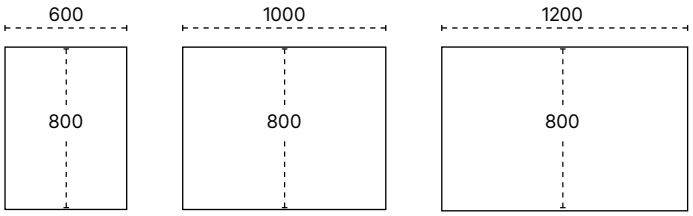
A design for disassembly product composition making it possible to reduce, reuse, repair and recycle each component used.

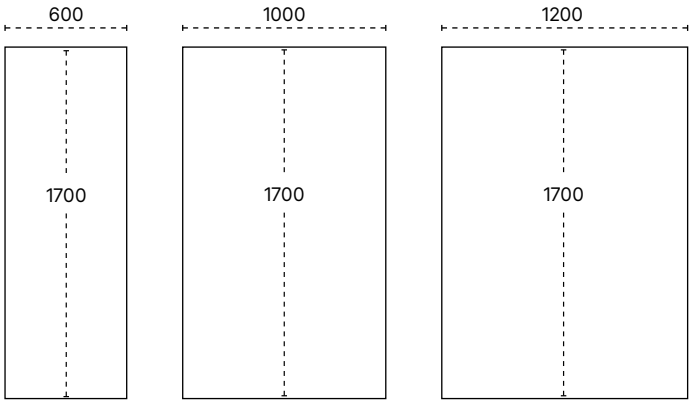
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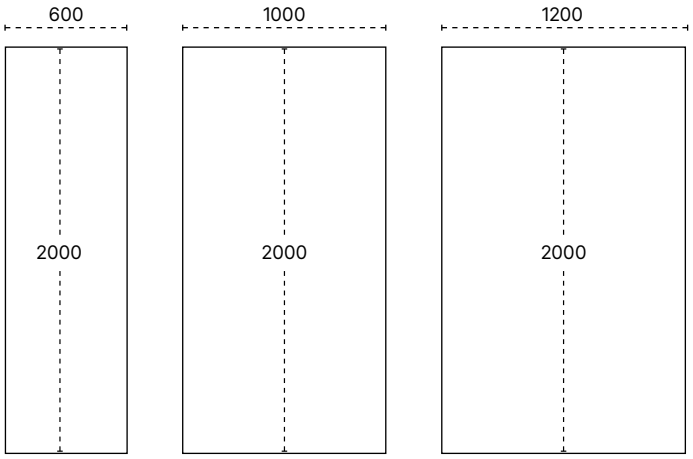
Dimensions

Frame Depth: 50mm

The vertical suspended screen is available in three different widths and three different heights.







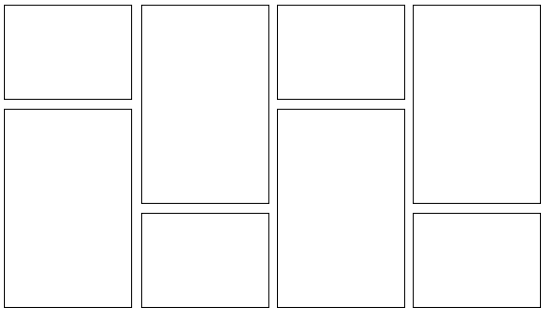
BESPOKE SIZES

The Supersonic Vertical Suspended Screen can also be ordered in bespoke sizes.

Learn more about the Supersonic Vertical Suspended Screen →

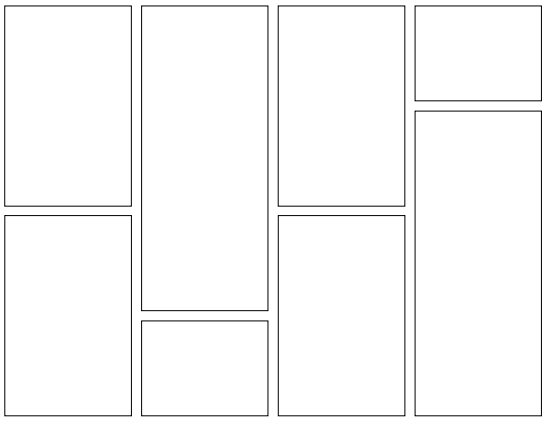
Pre-Defined Patterns

Low version: Column size: w:600x1450 mm + 50 mm air gap



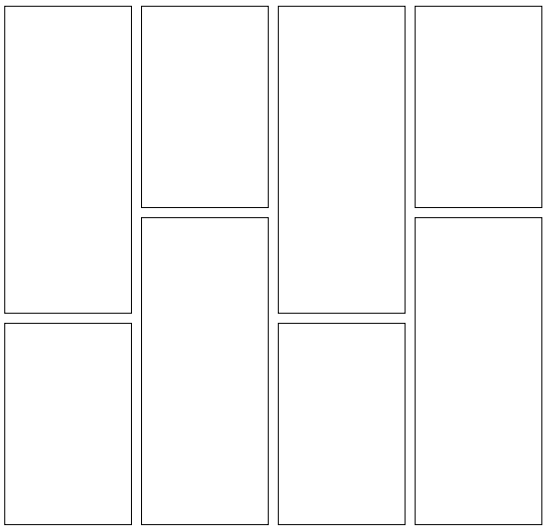
PATTERN A

Medium version: Column size: w:600x1950 mm + 50 mm air gap



PATTERN F

High version: Column size: w:600x2450 mm + 50 mm air gap



PATTERN G

Learn more about the Supersonic Vertical Suspended Screen →

Frame and Canvas Design

STANDARD FRAME DESIGN OPTIONS

The Supersonic frame colour system is structured around eight foundational colours, each developed in three calibrated tonal variants: Muted, Base, and Accent. This hierarchy establishes a consistent architectural colour logic that accommodates both restrained and expressive spatial compositions, while supporting long-term relevance and specification longevity.


Muted Olive


Muted Red


Muted Yellow


Muted Purple


Muted Earth


Muted Green


Muted Blue


White


Base Olive


Base Red


Base Yellow


Base Purple


Base Earth


Base Green


Base Blue


Grey


Accent Olive

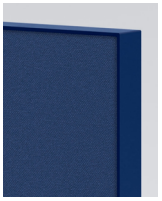

Accent Red


Accent Yellow


Accent Purple


Accent Earth


Accent Green


Accent Blue


Black


Raw Aluminium

CANVAS DESIGN OPTIONS

The Supersonic Vertical Suspended Screen supports a broad range of curated colours allowing the screen to function either as a discreet architectural surface or as a more expressive visual element, while maintaining consistent acoustic performance and enabling visual updates over time without replacing the core structure.


Colours & Patterns →

Learn more about the Supersonic Vertical Suspended Screen →

Certifications & Documentation

- Oeko-Tex® Standard 100 certification for textile and acoustic absorber.
- Fire classification B-s1,d0 in accordance with EN 13501-1 (component level for textile and absorber).
- Compliance with the REACH Regulation.
- Determination of colour fastness to artificial light according to EN ISO 105-B02:2014: >5.





Materials

The Vertical Suspended Screen is constructed with bolt-on components that allow for straightforward dismantling, making sorting, repair, recycling, and reuse simple and efficient. Individual parts can be replaced as needed, reducing material waste and extending the product's service life. The exchangeable canvases enable easy visual updates without replacing the entire screen—ensuring long-term adaptability to changing workspaces, interiors, or branding, while preserving the acoustic core and main structure for continued use over time.

Country of origin: Poland

CANVAS

The changeable canvas is manufactured from 100% recycled polyester fibres and is certified to Oeko-Tex® Standard 100. It meets reaction-to-fire classification B-s1,d0. The printing ink complies with Oeko-Tex® Standard 100 and the REACH Regulation, ensuring material safety and regulatory compliance.

ACOUSTIC MATERIAL

The acoustic core consists of 50 mm PET manufactured from 75% recycled fibres derived from plastic bottles. It complies with the REACH Regulation (EC 1907/2006), meets reaction-to-fire classification B-s1,d0, and is certified to Oeko-Tex® Standard 100.

FRAME

The frame is manufactured from Hydro CIRCAL 100R aluminium produced from 100% upcycled post-consumer scrap and finished with a fine-structured powder coating. The powder coating complies with the REACH Regulation (EC) No 1907/2006 and the CLP Regulation (EC) No 1272/2008.







Learn more about the Supersonic Vertical Suspended Screen →

Acoustic Functionality

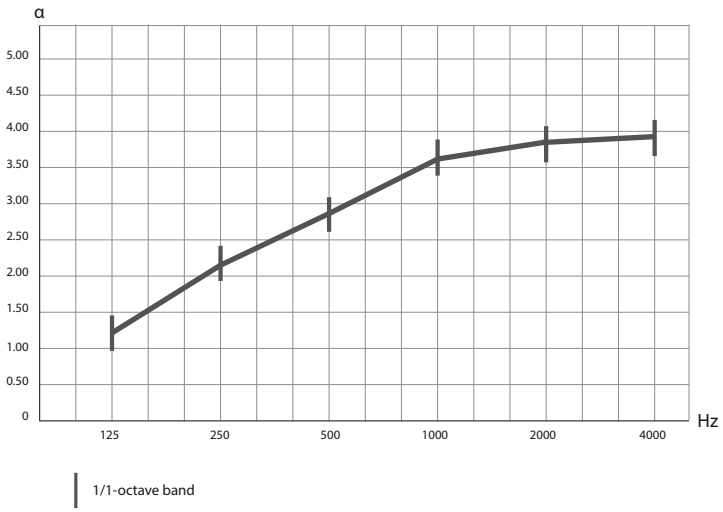
SOUND ABSORPTION MEASUREMENTS

The acoustic efficiency is tested by third party acoustic engineers in a sound engineering laboratory at the Technical University of Denmark. This means that architects, building consultants and designers can count 100% on the acoustic characteristics of the screen.

ACOUSTIC FUNCTIONALITY

Equivalent sound absorption area
Test dimensions 2.16 m2

Freq. [Hz]	Equivalent sound absorption area		
	1/3-oct.	1/1-oct.	ref.-curve
100	1.06	1.20	
125	1.15		
160	1.35		
200	1.82	2.05	-
250	2.09		
315	2.25		
400	2.82	2.95	-
500	2.92		
630	3.04		
800	3.41	3.55	-
1000	3.61		
1250	3.65		
1600	3.79	3.75	-
2000	3.73		
2500	3.75		
3150	3.81	3.80	-
4000	3.82		
5000	3.84		



Installation, Use & Maintenance

INSTALLATION

The screen is suspended from the ceiling using a wire mounting system. Installation is suitable for common ceiling constructions, including concrete, masonry, and plasterboard, when appropriate fixings are used. Installation must be carried out by qualified installers in accordance with local building regulations. The screen can be demounted without damage, allowing reinstallation, servicing, or component replacement as required.

CARE & MAINTENANCE

Canvas
- Regularly dust with a soft brush or vacuum to prevent dirt accumulation.
- Treat stains promptly to prevent them from setting. Absorb excess liquid immediately.
- Disinfect using antibacterial wipes or sprays, always following the manufacturer's instructions.
- The detachable Supersonic canvas textile is machine washable. Remove the canvas using the AKUART hand tag.
- Wash at temperatures up to 60 °C. Ensure the canvas is completely dry before remounting.

Frame
- Regularly clean with a soft brush or vacuum to prevent dirt from accumulating.
- Disinfect using antibacterial wipes or sprays, ensuring you follow the manufacturer's instructions.

WARRANTY

The Supersonic Vertical Suspended Screen is covered by a 10-year warranty against defects in materials and workmanship under normal use and installation conditions. The warranty applies provided the product is installed and maintained in accordance with Akuart's installation and care guidelines.

info@akuart.com
www.akuart.com

