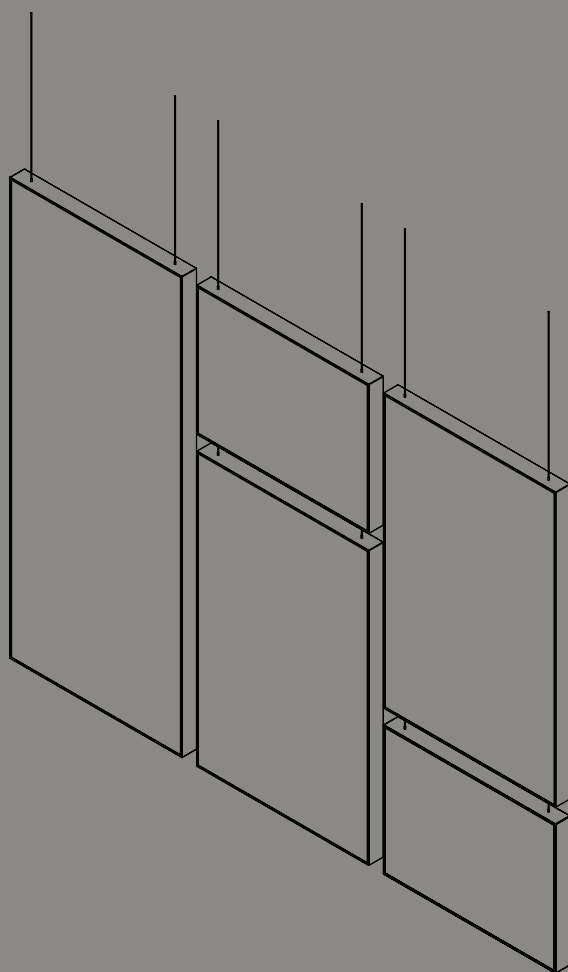


SS50 Vertical Suspended Screen

Wire suspended acoustic screen



Specification Sheet 2021

AKUART

SS50 Vertical Suspended Screen



Product Description

The Akuart SS50 Vertical Suspended Screen is perfect for creating acoustic and visual zones between clusters of workstations, and designing beautiful interior designs. The wire suspended acoustic screen offers creative freedom to match any aesthetic narrative, while never compromising the superb functionality. It comes with a variety of special features including the characteristic Akuart changeable canvas and a designed for disassembly product philosophy making it possible to recycle each and every single component of the screen.

Components

Frame:	Aluminum with 75% upcycled aluminum scrap. Fine structure powder coating
Acoustic material:	50 mm PET with 50% fibres from recycled plastic bottles
Canvas:	Changeable polyester textile made with 100% recycled polyester fibre.
Corner Inserts:	Metal inserts. Fine structure powder coating
Mounting:	Adjustable steel wires

Special features

Changeable canvas: Front and backside canvas can easily be removed without having to disassemble the screen.

Canvas design: The Akuart printed canvas offers a vast range of design options including colors, textures, graphics, signage and more.

Reinforced Corners: Metal inserts in corners ensure that the aluminum frame profiles are assembled without exposed and sharp edges.

Pinable: The screen has a soft pinable surface on both sides of the screen.

An extended range of frame colors: 9 standard fine structure powder coated frame colors to choose from.



Frame colors / Finishes



White



Black



Charcoal



Grey Green



Light brown



Army



Dark Blue



Light Grey



Red Brown

Custom frame colors



Frames in custom RAL or NCS colors can be ordered with different structures.
Price and finish on request.

Canvas

Function:	Changeable / Detachable
Fire retardant:	Classification B-s1 according to DIN EN 13501-1.
Environment:	Tested free from harmful substances according to Eco-Tex 100

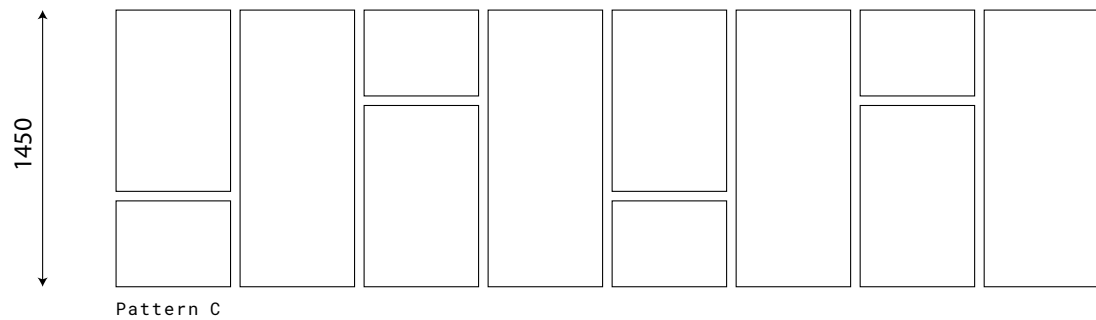
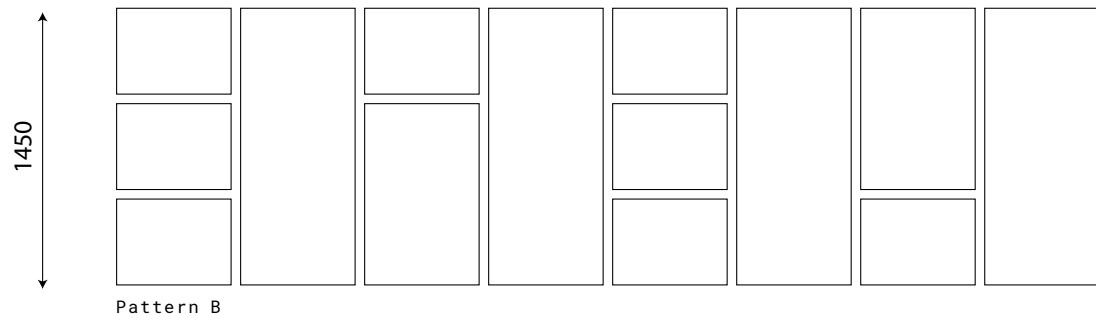
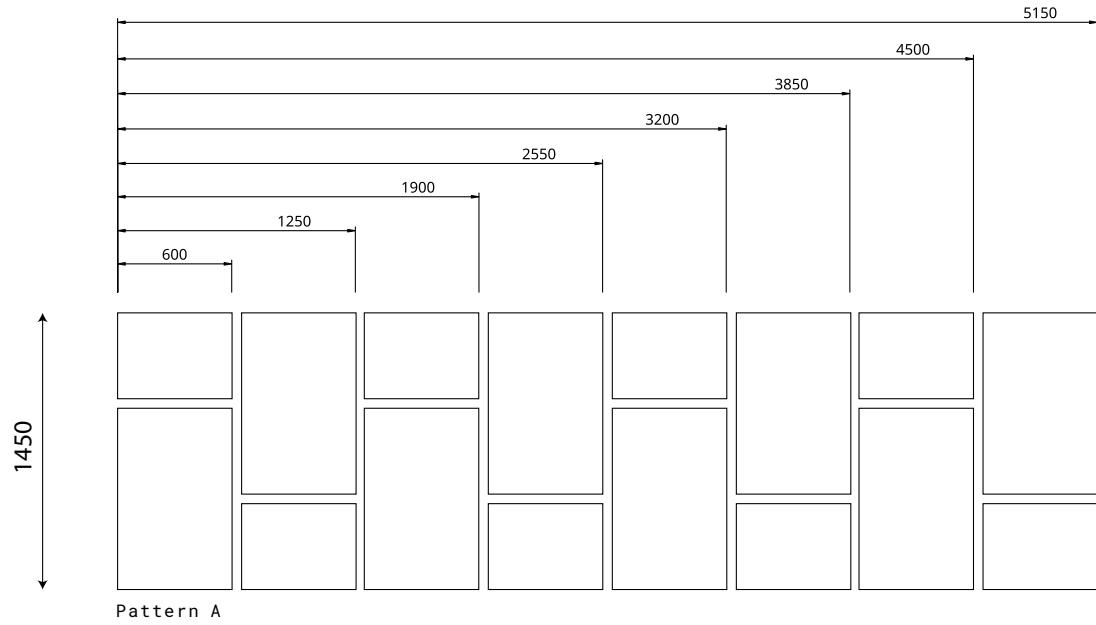
Print

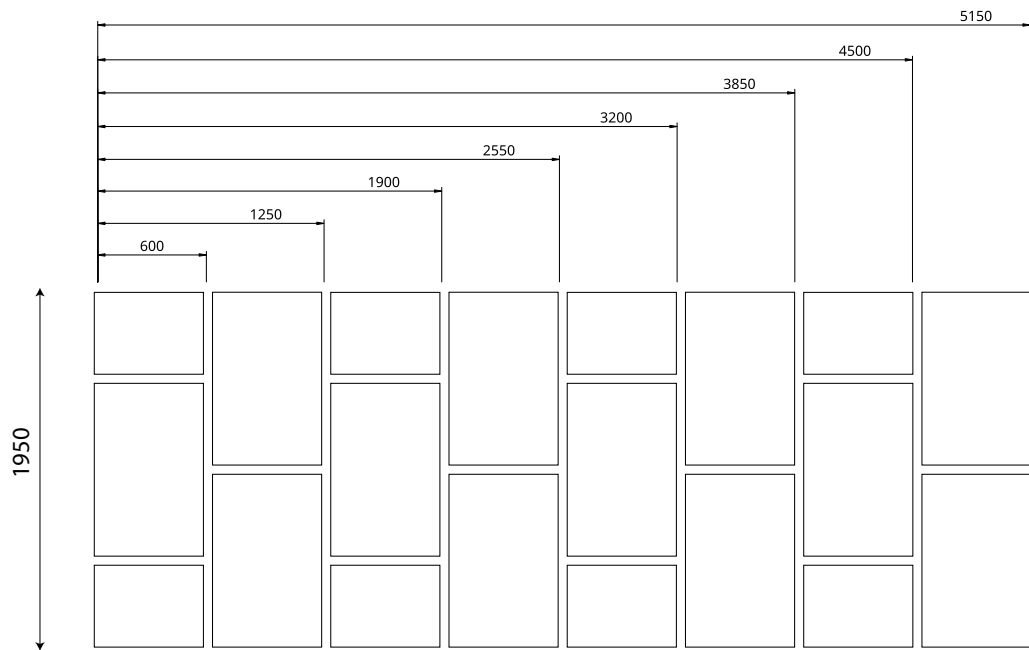
Ink type:	Water-based ink
Printing method:	Dye sublimation print (fully embedded in canvas fabric)
Environment:	Tested free from harmful substances according to Eco-Tex 100

Product care

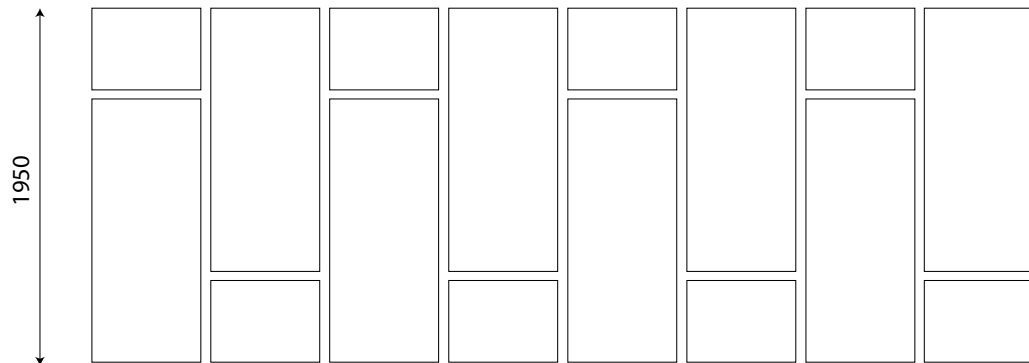
Cleaning:	The panels are easy to clean. They can withstand daily dusting, vacuuming and wiping with a semi wet cloth with the use of universal cleaning products.
Washable:	The canvas tolerates machine wash repeatedly.

Dimensions

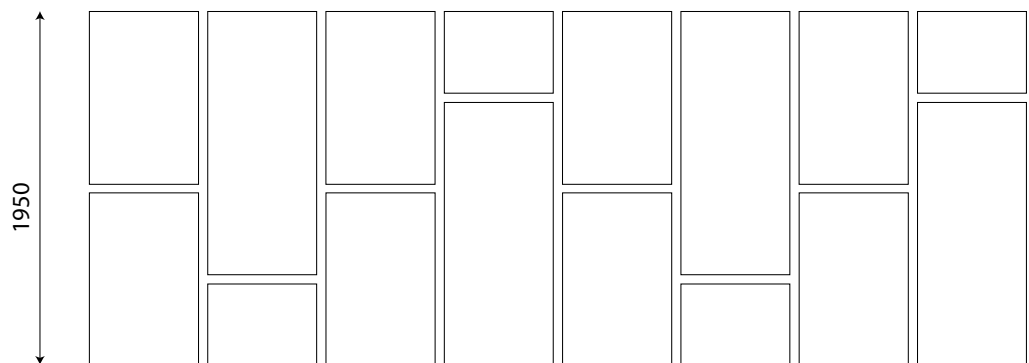




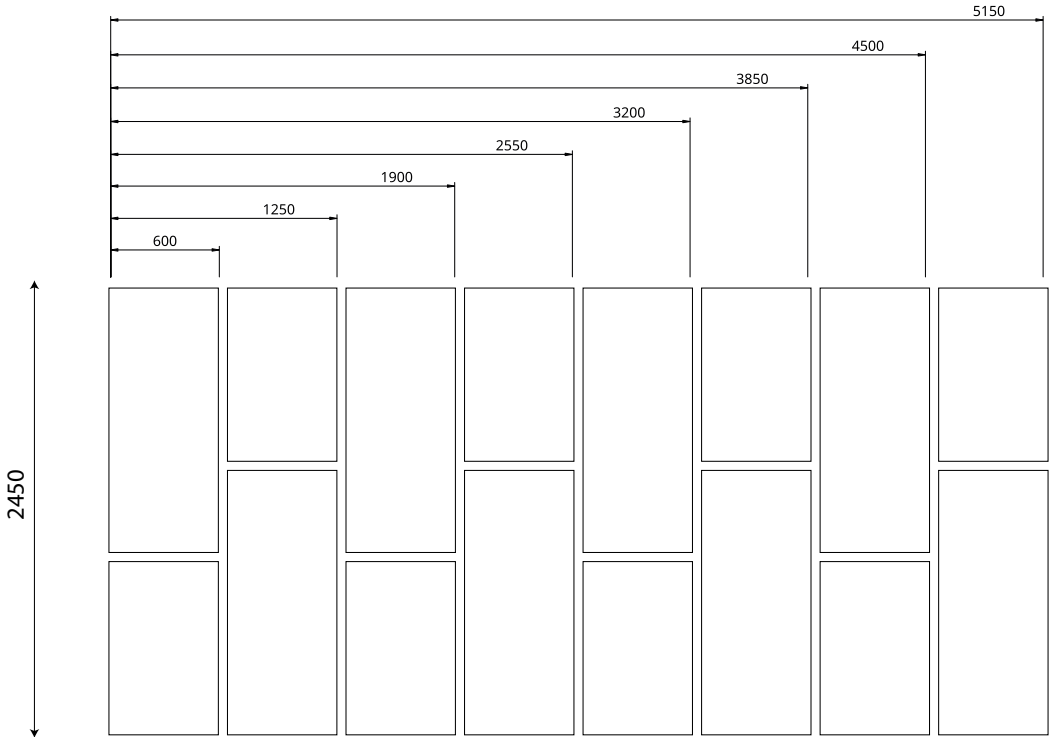
Pattern D



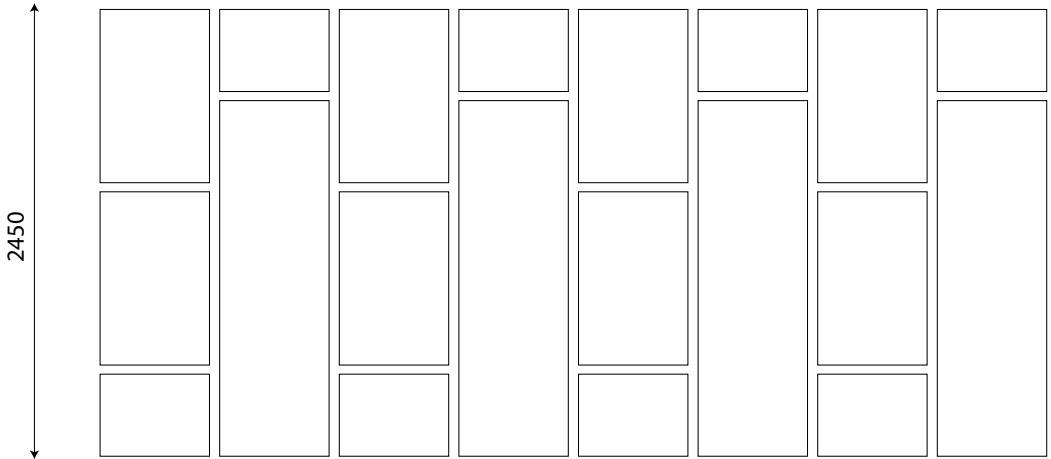
Pattern E



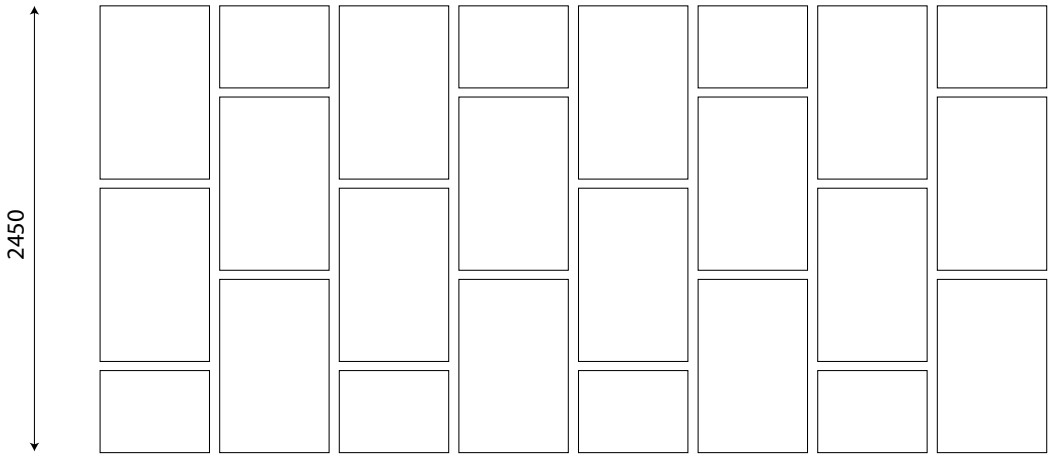
Pattern F



Pattern G



Pattern H



Pattern I

Sound absorption test

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 wall panel.

Acoustic functionality

Measurements performed according to ISO 354.

Sound absorption class: A
 Absorption coefficient (α_w): 0.95
 NRC: 0.95

Freq. [Hz]	Absorption coefficient		
	1/3-oct.	1/1-oct.	ref.-curve
100	0.22	0.30	
125	0.27		
160	0.43		
200	0.54	0.70	0.75
250	0.70		
315	0.84		
400	0.98	1.00	0.95
500	1.06		
630	1.13		
800	1.15	1.00	0.95
1000	1.21		
1250	1.24		
1600	1.22	1.00	0.95
2000	1.18		
2500	1.11		
3150	1.10	1.00	0.85
4000	1.21		
5000	1.24		

