SS50 Wall Panel
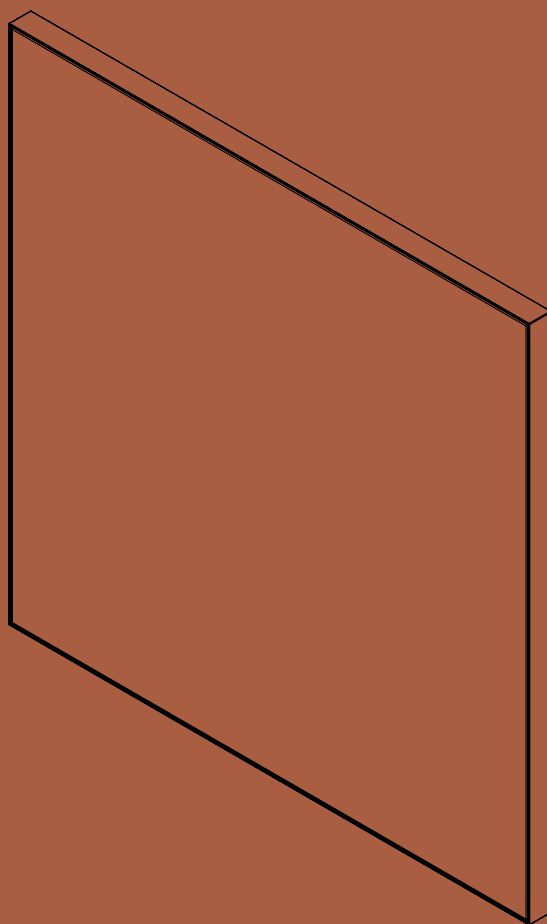
Acoustic Wall Panel

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SS50 Wall Panel

Product description

The Akuart SS50 Wall Panel is a first class wall absorber wrapped in timeless, nordic design to match any aesthetic narrative. This wall absorber is perfect for limiting sound reflections for workstations close to walls and especially in corners. Combined with extensive design options, the SS50 Wall Panel provides endless possibilities of creating beautiful, stylish and sensorially stimulating interior designs. The panel comes with a variety of special features including the characteristic Akuart changeable canvas and a designed for disassembly.

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:	Wall hangers

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Special features

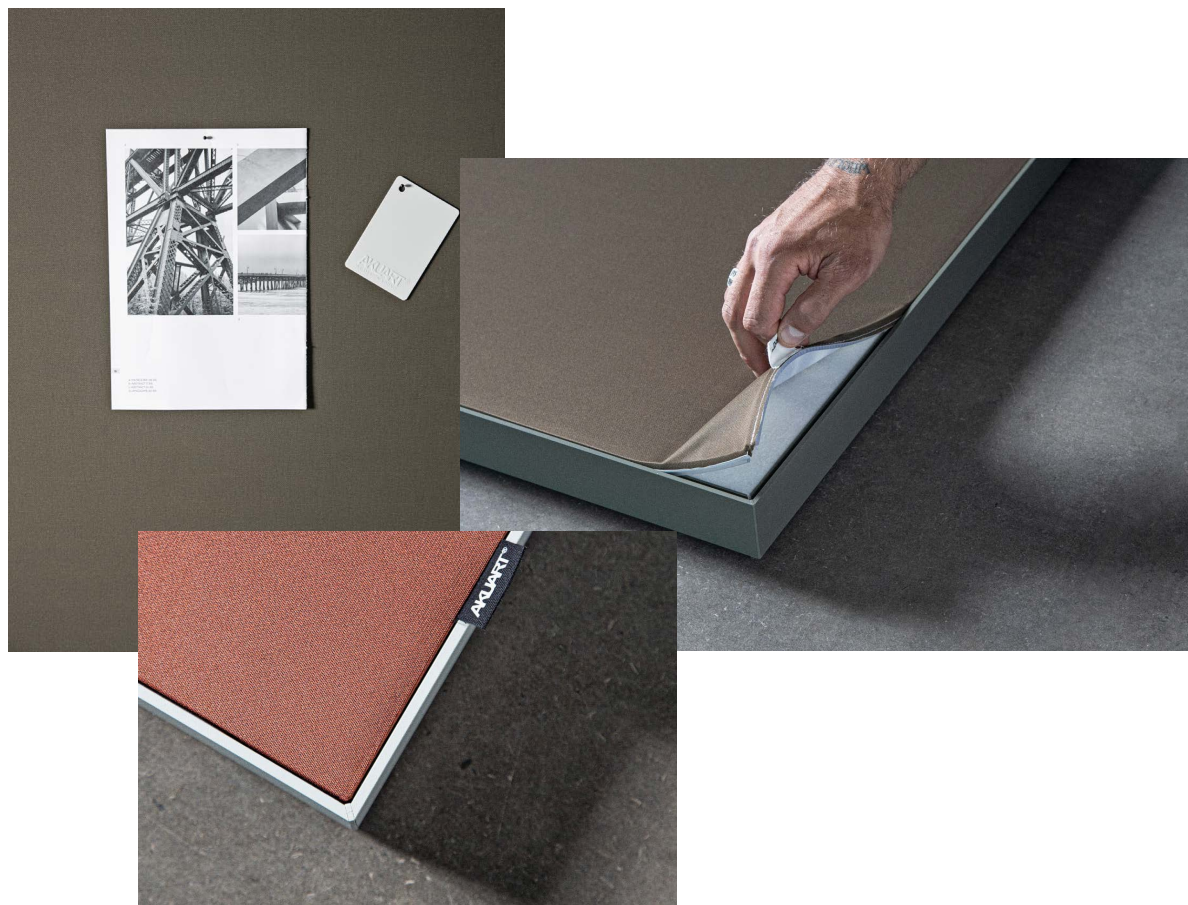**Changeable canvas:** Front and backside canvas can easily be removed without having to disassemble the screen.

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

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

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

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

Shadow frame profile: Unique frame design, that creates a shadow line on wall, to make up for unlevel wall surfaces.

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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:	SS50 Wall Panel is easy to clean. It can withstand daily dusting, vacuuming and wiping with a semi wet cloth with the use of universal cleaning products.
Disinfectable:	The canvas is easy to disinfect. It endures the use of anti bacterial spray or anti bacterial wipes and alcohol chlorine based cleaning products without affecting the print.
Washable:	The canvas tolerates machine wash repeatedly.

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Dimensions

Vertical: ▢

Size: width x height

w:500 x h:1000 mm

w:600 x h:1200 mm

w:1200 x h:1500 mm

w:1200 x h:1800 mm

w:1200 x h:2400 mm

w:1000 x h:1500 mm

w:1000 x h:2000 mm

w:1000 x h:2500 mm

w:1000 x h:3000 mm

Horisontal: ▢

Size: width x height

w:1000 x h:500 mm

w:1200 x h:600 mm

w:1500 x h:1200 mm

w:1800 x h:1200 mm

w:2400 x h:1200 mm

w:1500 x h:1000 mm

w:2000 x h:1000 mm

w:2500 x h:1000 mm

w:3000 x h:1000 mm

Square: ▢

Size: width x height

w:500 x h:500 mm

w:600 x h:600 mm

w:1000 x h:1000 mm

w:1200 x h:1200 mm

Custom sizes

The SS50 Wall Panel can also be ordered in custom sizes:
Min. height: 20 cm Max. height: 300 cm
Min. length: 20 cm - Max. length: No limitations (Frame profiles can be infinitely extended in length with connector fittings)

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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		
125	0.27	0.30	
160	0.43		
200	0.54		
250	0.70	0.70	0.75
315	0.84		
400	0.98		
500	1.06	1.00	0.95
630	1.13		
800	1.15		
1000	1.21	1.00	0.95
1250	1.24		
1600	1.22		
2000	1.18	1.00	0.95
2500	1.11		
3150	1.10		
4000	1.21	1.00	0.85
5000	1.24		

1/1-octave band

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