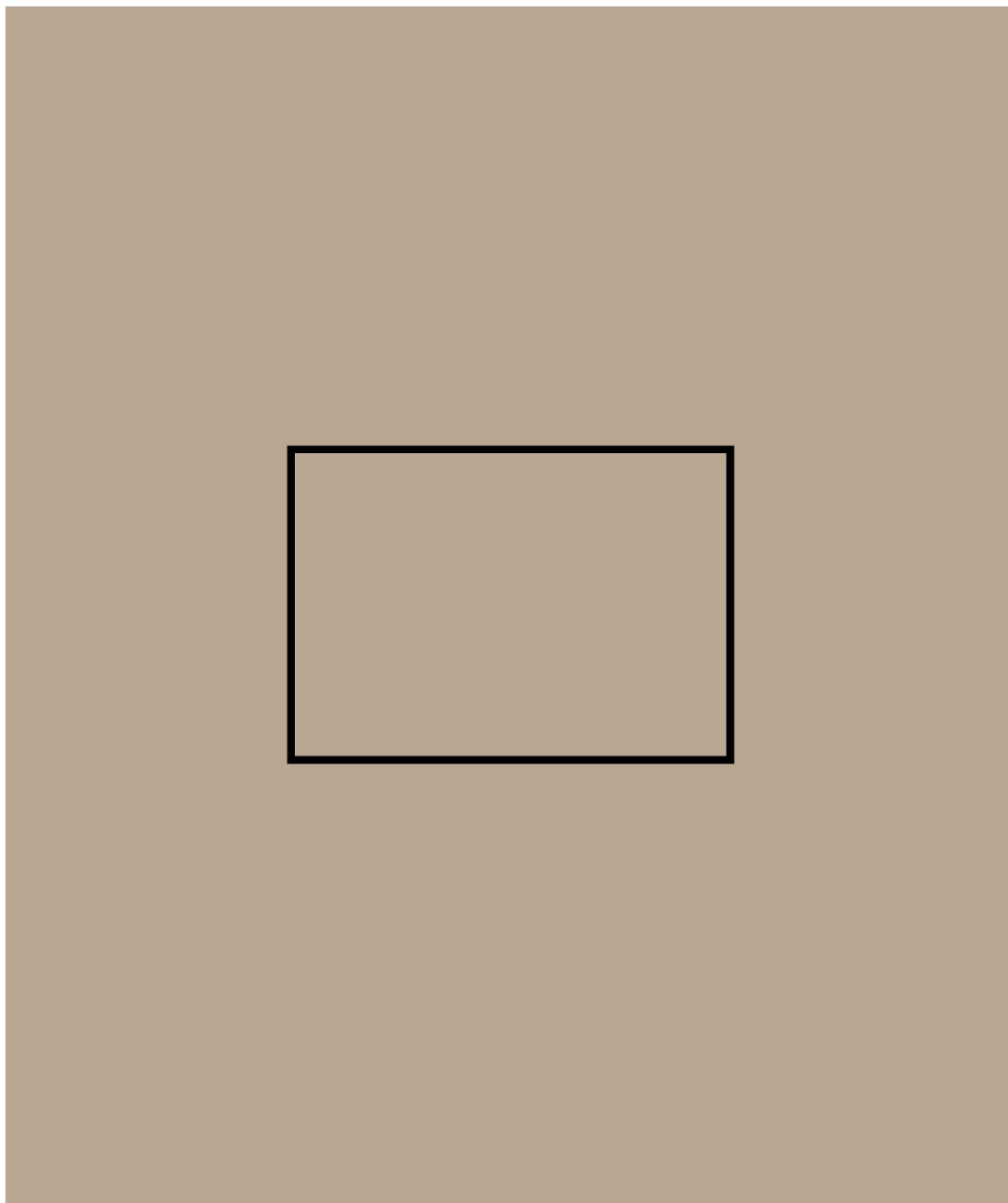


ON THE WALL 36



Acoustic Wall Panel 36 mm / 1.41"



Specification Sheet

On The Wall 36



PRODUCT DESCRIPTION

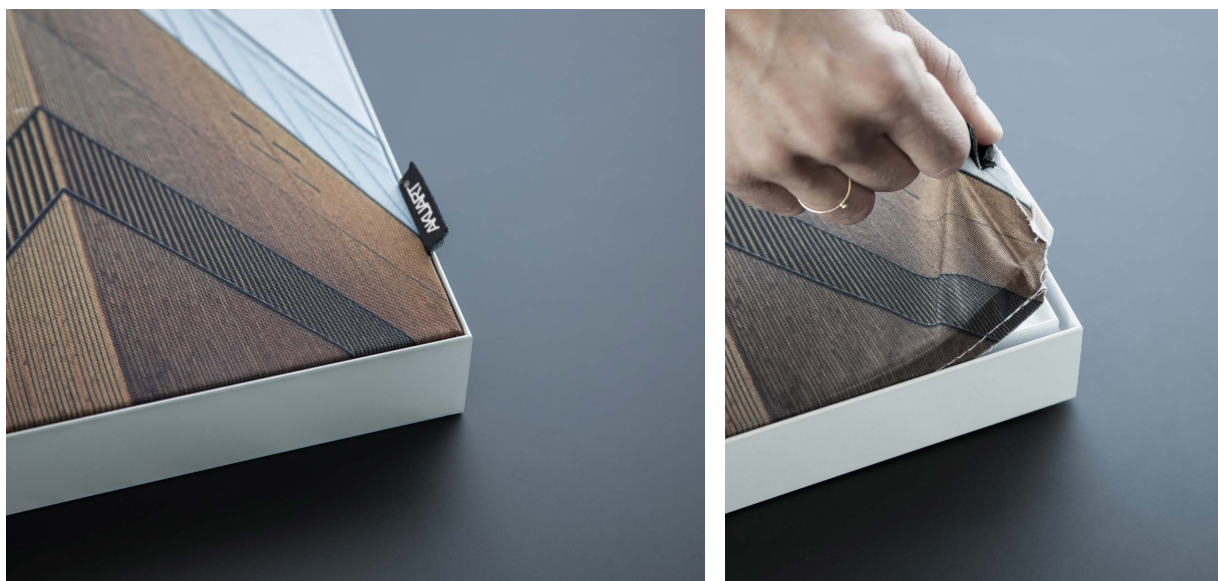
On the Wall 36 is a high impact mid and high frequency range wall absorber that prevents unwanted sound from being reflected from wall surfaces. It is fully customizable and it shares the complete freedom to make your own designs as the rest of the AKUART collection. It is as flexible as it is functional and stands out by its replaceable printed canvas. It is available in 8 standard sizes but can easily be ordered in custom sizes.

SPECIFICATIONS

Product:	Wall absorber with a replaceable printed canvas
Acoustic material:	20 mm / 0,79" glass wool absorber
Frame:	Matte fine structure powder coated aluminum
Canvas:	Printed polyester based fabric
Weight:	3,5 kg per m2 / 7,71lbs per sq ft

SPECIAL FEATURES

Canvas: The stretched printed fabric can easily be removed and changed without having to disassemble or remove the frame from the wall. The fabric is form-stable and ensures that it does not wrinkle or fold when mounted on the frame. This applies throughout the product life cycle. The fabric is not sensitive to cold, heat or moisture. The canvas endures disinfection with anti bacterial and alcohol/chlorine based cleaning products without affecting the print. It also endures repeated machine wash.



FRAME COLORS / FINISHES



White
RAL 9003



Black
RAL 9011



Charcoal
RAL 7021



Grey
RAL 7004

CUSTOM FRAME COLORS



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

DIMENSIONS

Square formats:

// Length: 61,3 cm / 24,13"
 // Depth: 3,6 cm / 0,14"
 // Height: 61,3 cm / 24,13"

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

Portrait formats:

// Length: 61,3 cm / 24,13"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

// Length: 80 cm / 31,73"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

// Length: 101,1 cm / 39,80"
 // Depth: 3,6 cm / 0,14"
 // Height: 151,1 cm / 59,49"

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 150 cm / 59.96"

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 180 cm / 71.42"

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 240 cm / 94.57"

Landscape formats:

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 61,3 cm / 24,13"

// Length: 120,9 cm / 47.60"
 // Depth: 3,6 cm / 0,14"
 // Height: 80 cm / 31,73"

// Length: 151,1 cm / 59,49"
 // Depth: 3,6 cm / 0,14"
 // Height: 101,1 cm / 39,80"

// Length: 150 cm / 59.96"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

// Length: 180 cm / 71.42"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

// Length: 240 cm / 94.57"
 // Depth: 3,6 cm / 0,14"
 // Height: 120,9 cm / 47.60"

CUSTOM SIZES

On The Wall 36 offers format flexibility:

Min. height: 20 cm / 7,87" - Max. height: 300 cm / 118,11"

Min. length: 20 cm / 7,87" - Max. length: No limitations (Frame profiles can be infinitely extended in length with connector fittings)

CANVAS

Function:	Replaceable/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

ACOUSTIC MATERIAL

Absorption:	Test results according to ISO 354. Classification according to ISO 11654
Flammability:	Classification A2-s1,d0 according to DIN EN 13501-1
Environment:	M1 Emission Classification of Building Materials, CE label, A+

PRODUCT CARE

Cleaning:	On The Wall 36 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.

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: C (MH)
Absorption coefficient (α_w): 0.6
NRC: 0.8

Freq. [Hz]	Absorption coefficient		
	1/3-oct.	1/1-oct.	ref.-curve
100	0.04	0.05	
125	0.06		
160	0.12		
200	0.17	0.30	0.40
250	0.32		
315	0.43		
400	0.59	0.70	0.60
500	0.72		
630	0.82		
800	0.95	1.00	0.60
1000	1.02		
1250	1.03		
1600	1.11	1.00	0.60
2000	1.08		
2500	1.08		
3150	1.07	1.00	0.50
4000	1.02		
5000	1.06		

