

Specification Sheet

# Supersonic Floor Screen



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## PRODUCT DESCRIPTION

The Akuart Supersonic Floor Screen provides endless possibilities of creating beautiful stand alone acoustic interior designs. The core material and dimensions are meticulously engineered to interrupt speech from one workstation to another. The floor screen offers superb acoustic functionality and an exceptional array of design options. Choose from a wide range of frame colours, feet designs and canvas options to make this acoustic solution fit your distinct needs. The screen comes with a variety of special features including a vast colour range, the characteristic Akuart changeable canvas and a design for disassembly product philosophy making it possible to recycle every single component of the screen.

## FEATURES

- Changeable canvas: Front & 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 colours, printed textures, graphics, signage and more.
- Pinable: The screen has a soft pinnable surface on both sides of the screen.
- Reinforced Corners: Metal inserts in the corners ensure that the frame is assembled without exposed and sharp edges.
- An extended range of frame colours: 24 standard fine structured powder coated frame colours to choose from.

## DIMENSIONS – Frame depth: 50mm



### VERTICAL:

|                    |                    |
|--------------------|--------------------|
| w:800 x h:1300 mm  | w:1200 x h:1500 mm |
| w:800 x h:1500 mm  | w:1200 x h:1800 mm |
| w:800 x h:1800 mm  | w:1200 x h:2000 mm |
| w:1000 x h:2000 mm | w:1400 x h:1500 mm |
| w:1200 x h:1300 mm | w:1500 x h:2000 mm |



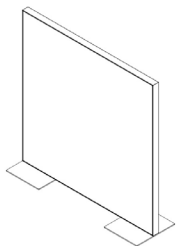
### HORIZONTAL:

|                    |                    |
|--------------------|--------------------|
| w:1400 x h:1300 mm | w:2000 x h:1200 mm |
| w:1600 x h:1300 mm | w:2000 x h:1300 mm |
| w:1600 x h:1500 mm | w:2000 x h:1500 mm |
| w:1800 x h:1300 mm |                    |
| w:1800 x h:1500 mm |                    |

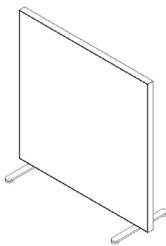
**\*BESPOKE SIZES** – The Supersonic Floor Screen offers format flexibility.

It can be ordered in custom sizes within the range of the smallest standard size and the largest standard size.

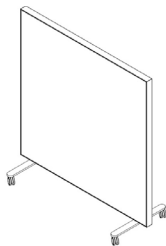
## FEET/BASE



Flat Base



Elevated Base

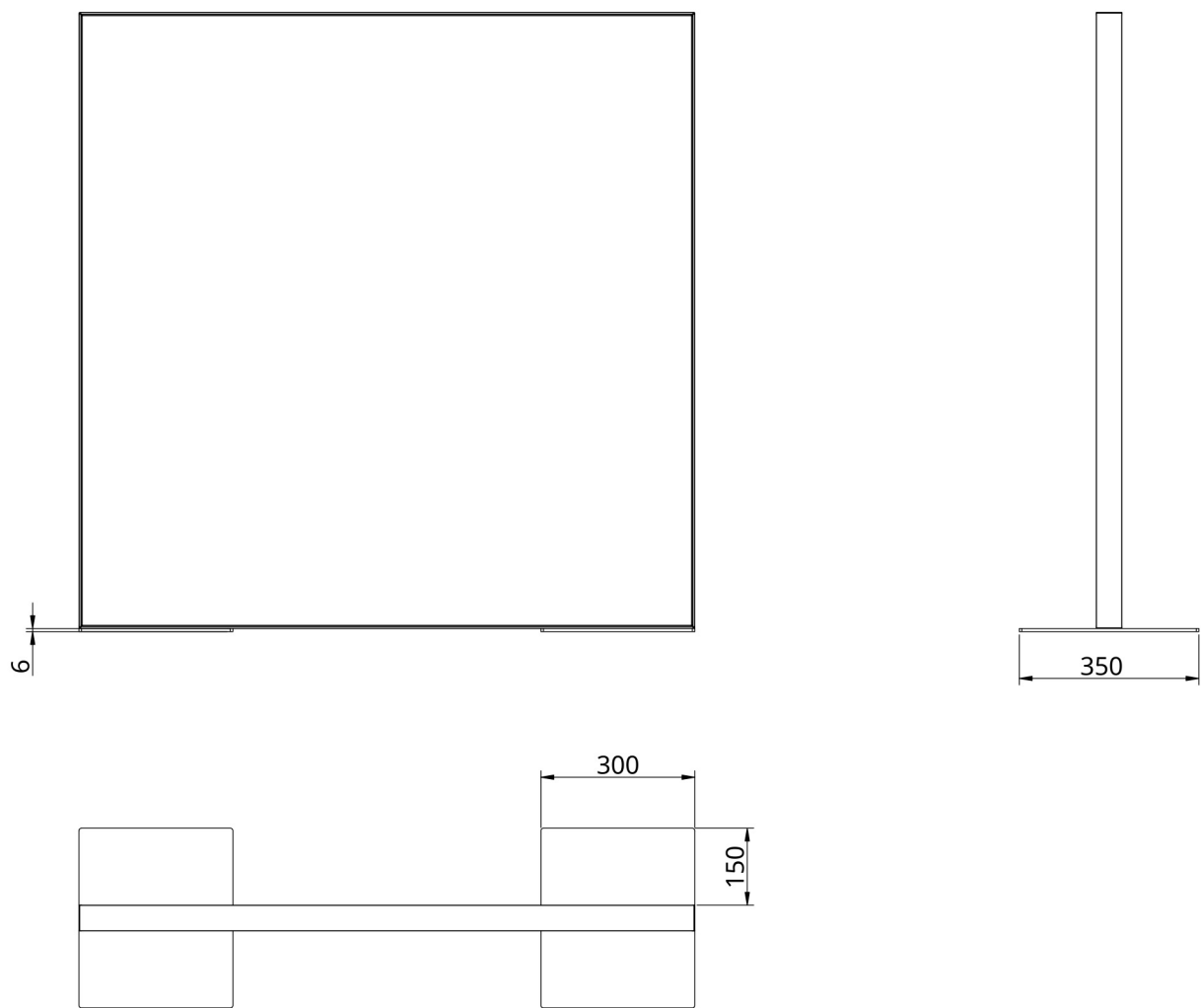


Wheeled Base

# Supersonic Floor Screen

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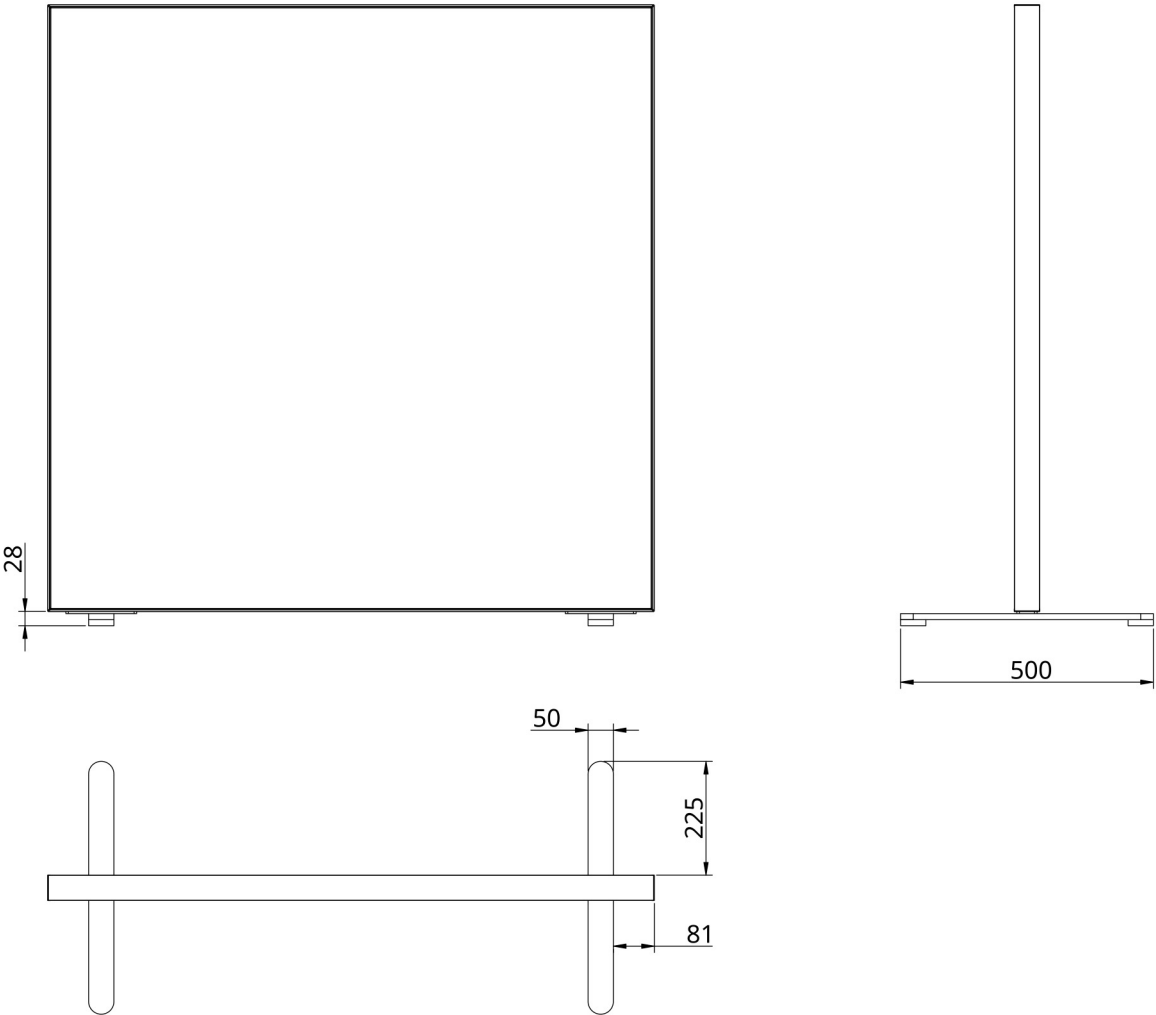
FLOOR SCREEN/FLAT BASE



# Supersonic Floor Screen

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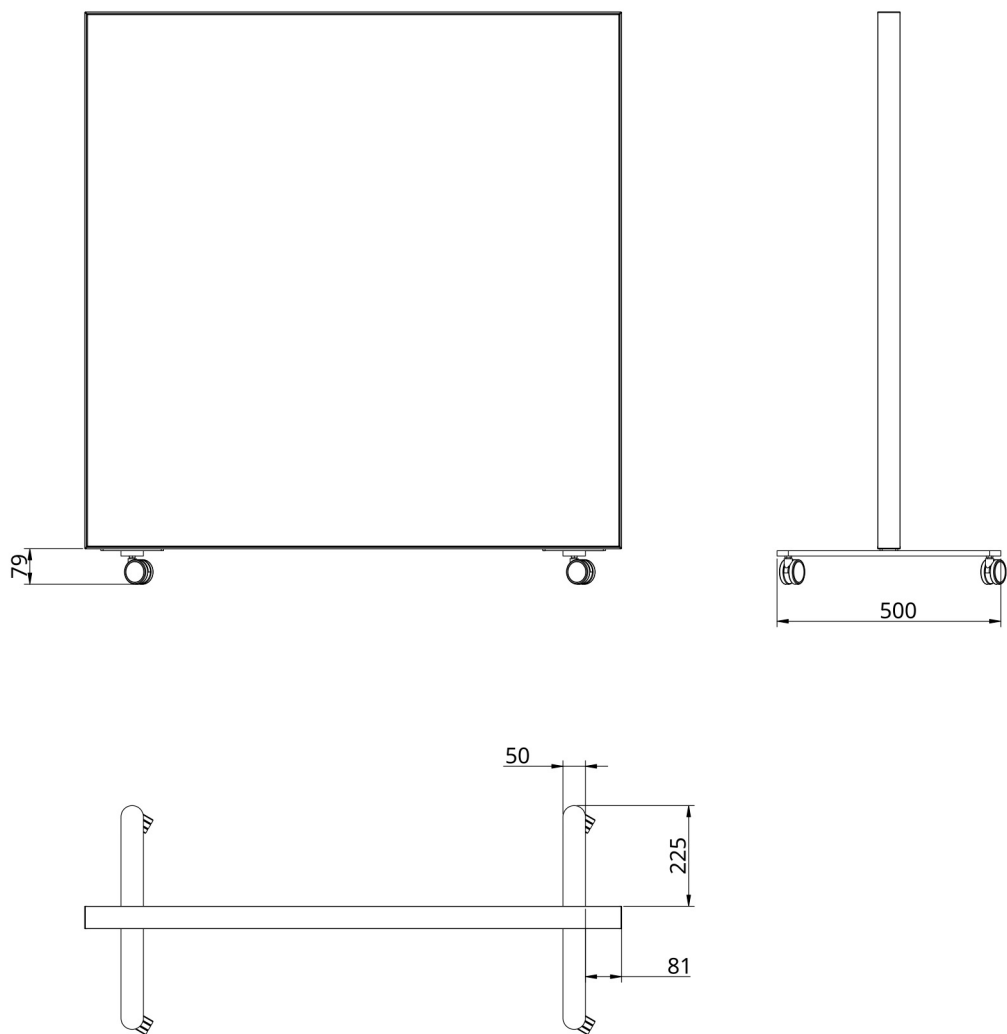
FLOOR SCREEN/ELEVATED BASE



# Supersonic Floor Screen

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FLOOR SCREEN/WHEELED BASED

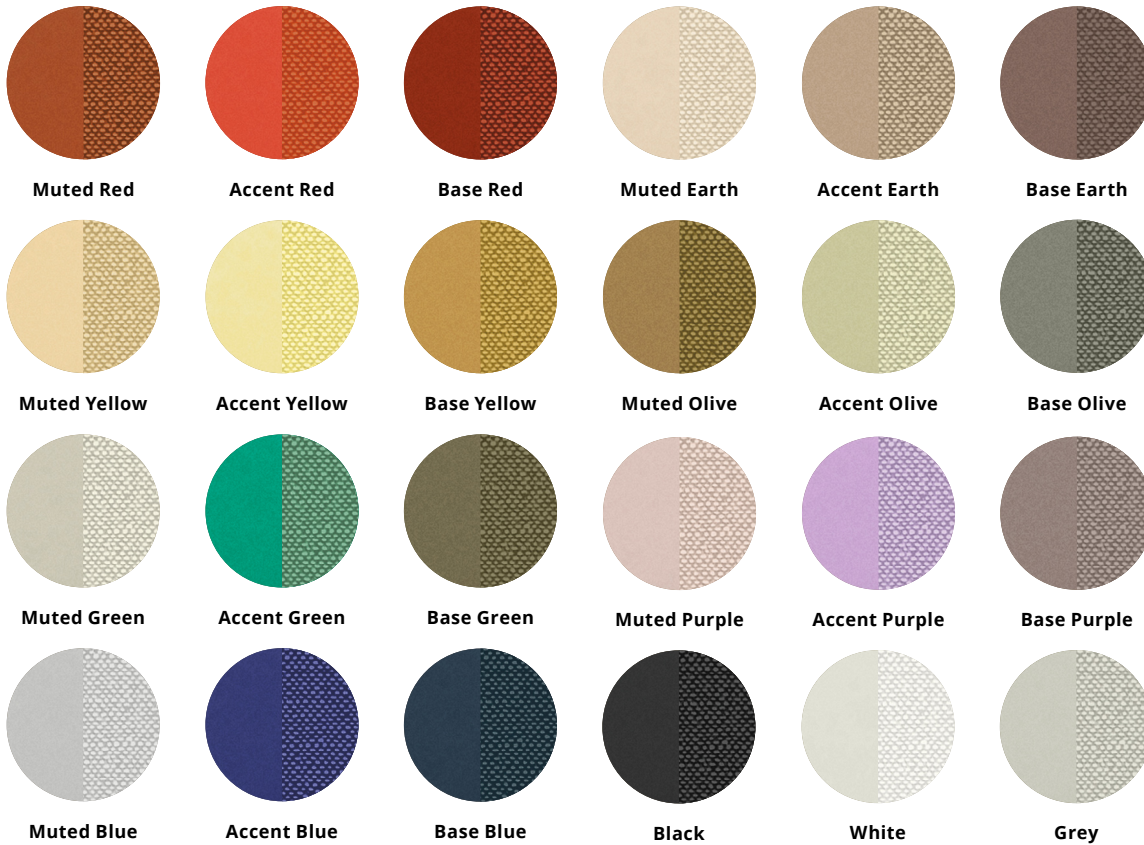


# Supersonic Floor Screen

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## FRAME COLOURS / FINISHES

The Supersonic Floor Screen comes with a carefully curated colour range. It consists of 8 colours, each with three variations: Muted, Accent, Base.



## CANVAS DESIGN OPTIONS

/ Colours & Patterns - [EXPLORE THE RANGE](#)

/ Photography - [EXPLORE THE RANGE](#)

/ Custom Design - [DISCOVER CUSTOM SOLUTIONS](#)

# Supersonic Floor Screen

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## COMPONENTS

|                           |                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------|
| <b>Frame:</b>             | Aluminium with 75% upcycled post-consumer aluminium scrap. Fine structured powder coating. |
| <b>Acoustic material:</b> | 50 mm PET with 50% fibres from recycled plastic bottles.                                   |
| <b>Canvas:</b>            | Changeable polyester textile made with 100% recycled polyester fibres.                     |
| <b>Corner Inserts:</b>    | Fine structured powder coated metal.                                                       |
| <b>Feet / Bases:</b>      | Matte fine structure powder coated steel.                                                  |
| <b>Wheels:</b>            | Plastic rim, Rubber tread.                                                                 |

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## CERTIFICATES

|                           |                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Frame:</b>             | Powder coating in compliance with REACH Regulation (EC) No 1907/2006 and CLP Regulation (EC) No 1272/2008.                                                                                                 |
| <b>Acoustic material:</b> | EPD in accordance with ISO 14025 and EN 15804. In compliance with the REACH regulation EC 1907/2006. Reaction to fire classification B-s1,d0. Emission class M1. In compliance with Oeko-Tex Standard 100. |
| <b>Canvas:</b>            | In compliance with Oeko-Tex Standard 100. Reaction to fire classification B-s1,d0. The ink fulfils the requirements for Oeko Tex Standard 100 and is in compliance with REACH regulations.                 |

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## PRODUCT CARE

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Canvas:</b> | <p>/ Regularly dust with a soft brush or vacuum to prevent dirt accumulation.</p> <p>/ Treat stains on the canvas promptly to prevent them from setting. Absorb excess liquid immediately.</p> <p>/ Use antibacterial wipes or sprays to disinfect, always following the manufacturer's instructions.</p> <p>/ Machine washing is applicable for the detachable Supersonic Canvas. Remove the canvas carefully using the AKUART hand tag. The Canvas is washable at temperatures up to 60°C. Ensure it is completely dry before remounting.</p> |
| <b>Frame:</b>  | <p>/ Regularly clean with a soft brush or vacuum to prevent dirt from accumulating.</p> <p>/ Disinfect using antibacterial wipes or sprays, ensuring you follow the manufacturer's instructions.</p>                                                                                                                                                                                                                                                                                                                                            |

# Supersonic Floor Screen

## 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

Equivalent sound absorption area  
Test dimensions 2.16 m<sup>2</sup>

| 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                             |          |            |

