



Cascade™

● Custom Cascade™  
Static Screens in Empire

● Autex Acoustics  
United Kingdom



# Sheer tranquility

As the name suggests, Cascade™ Hanging Screens are spatial and acoustic partitions that fall elegantly from the ceiling to the floor—fixed or suspended at either end via the Cascade suspension kit.

The Cascade family consists of three distinct screen styles—Static, Folding, and Expanding—each made from 100% polyester fibre with delicate water-cut patterns. Static screens are 1200 mm by 2400 mm, holding space without obstructing sightline in open-plan environments. Folding screens are the same dimensions, but their water-cut patterns fold out, increasing surface area for acoustic absorption. Expanding Screens start at 1200 mm by 2400 mm, growing 100% in size through a series of intricate cuts to form fine, lace-esque patterns.

Lightweight yet sturdy, Cascade Hanging Screens are semi-permanent by nature; easy to install, uninstall, and move around your space as required.

To find out more about Cascade visit [www.autexglobal.com](http://www.autexglobal.com)



#### Features and benefits

- Delivers excellent acoustic performance
- A complete system, simple to install straight out of the box
- Lightweight and incredibly easy to handle on-site
- Easy to retrofit in existing spaces
- Semi-permanent so that you can change your space as required
- Environmentally conscious product with recycled material content and no added chemical binders
- Low VOC, non-toxic, non-irritant, non-allergenic and contains no Red List chemicals—great for IEQ

#### Applications

- Decorative and functional acoustic screen system for interior spaces
- Can be fixed to, or suspended from, ceilings and floors
- Effortlessly creates breakout zones in open-plan spaces



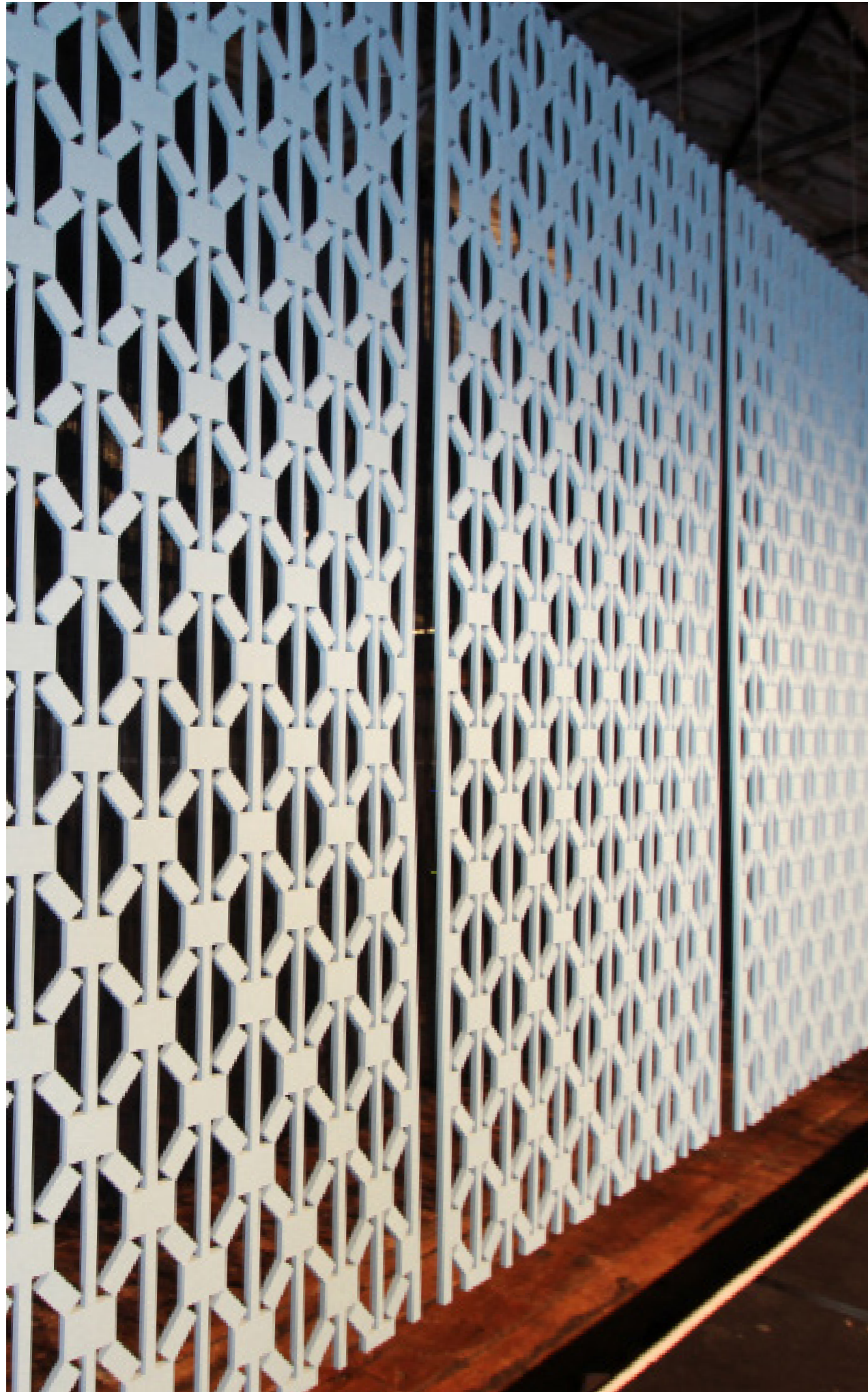
# Cascade™ Expanding Screens

In perpetual evolution, the Cascade Expanding Screen blooms and wanes to meet the needs of your space. With a gentle tug, the screen concertinas out, growing 100% in size without off-cuts or cut-outs; an intuitive design that is both environmentally and spatially aware.

#### Patent

Expanding and Folding Panel Patent  
US Patent 10,184,249 | GB Patent 2,547,530 |  
NZ Patent app 727634 | AU Patent app 2016273959

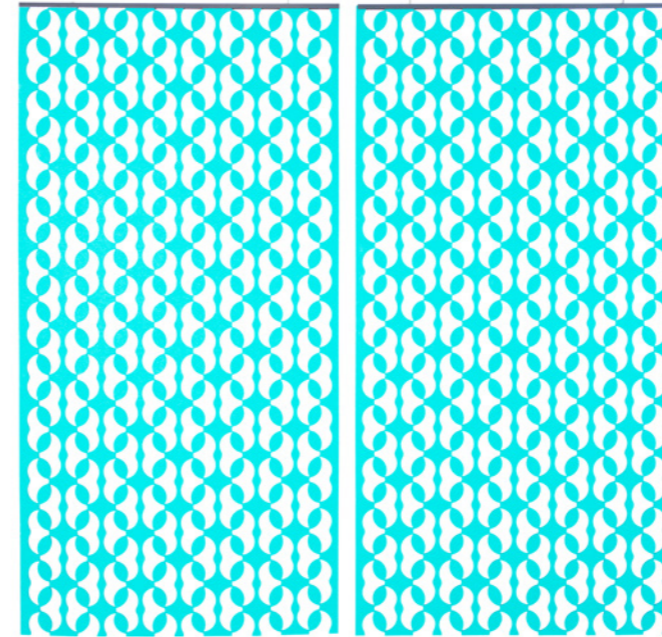
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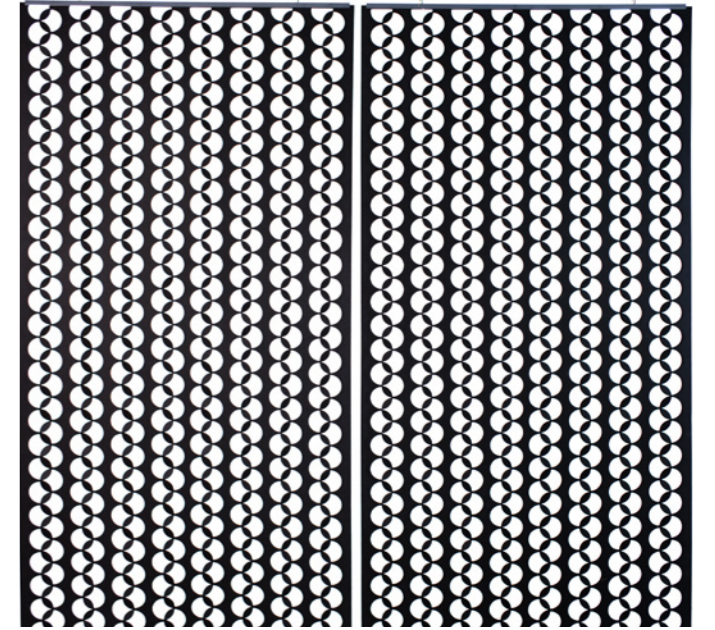
## Expanding design options

### Pack contents

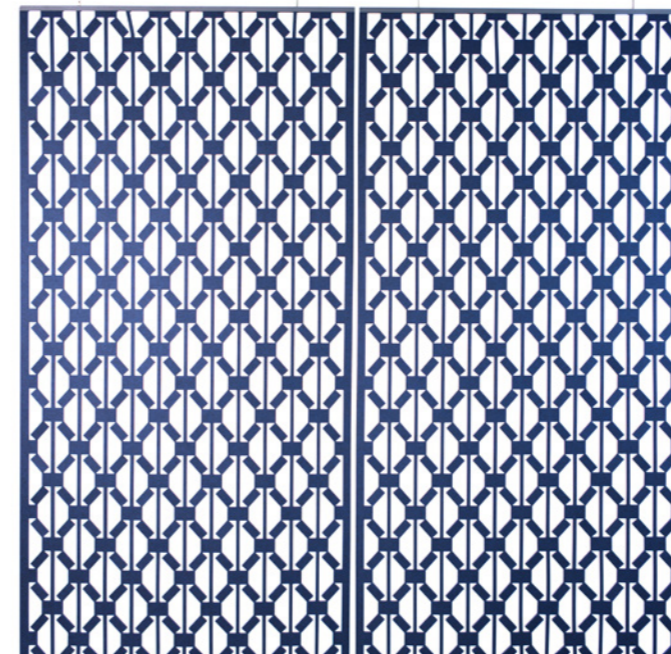
2 Cascade Expanding Screens, 2 Frontier Channels,  
4 Ceiling Connectors, 4 1 m Wires, 4 Autex Suspension Sliders



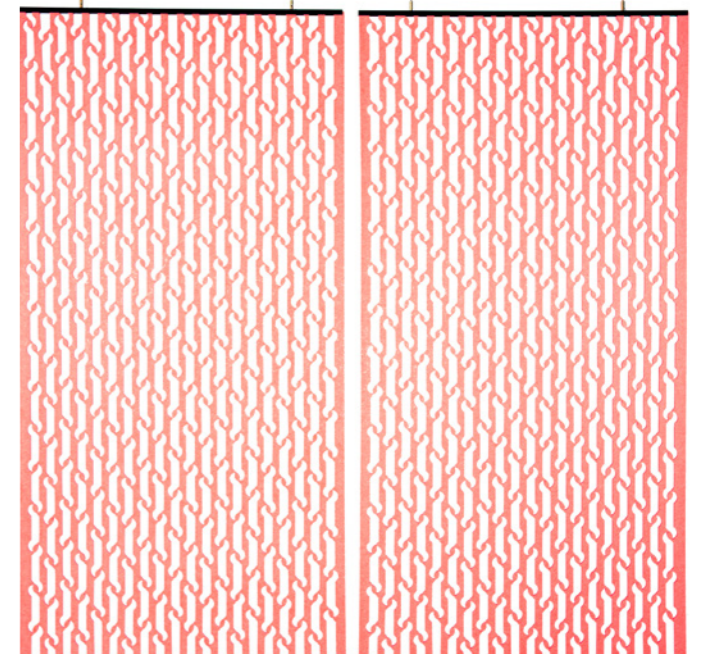
Design E1 more colours available



Design E2 more colours available



Design E3 more colours available



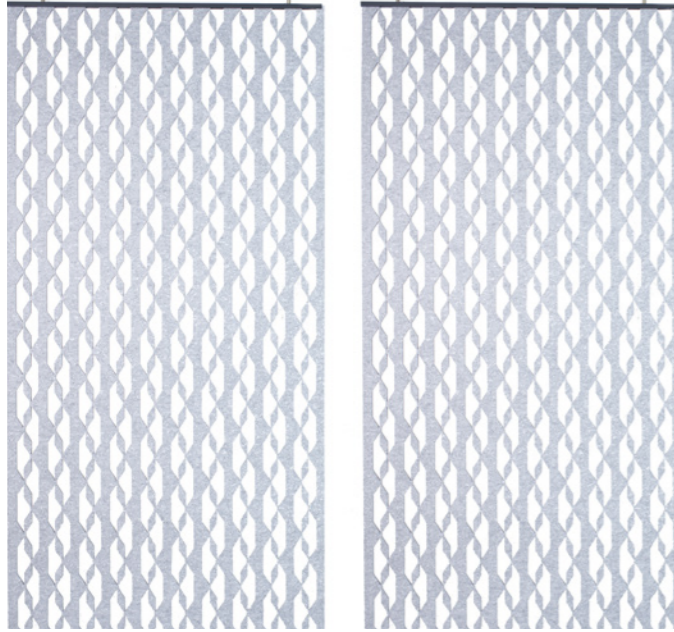
Design E4 more colours available

\*Expanding Screens increase by 100% when fully expanded, therefore two screens are created from one panel of Cube™. Images are shown fully expanded.

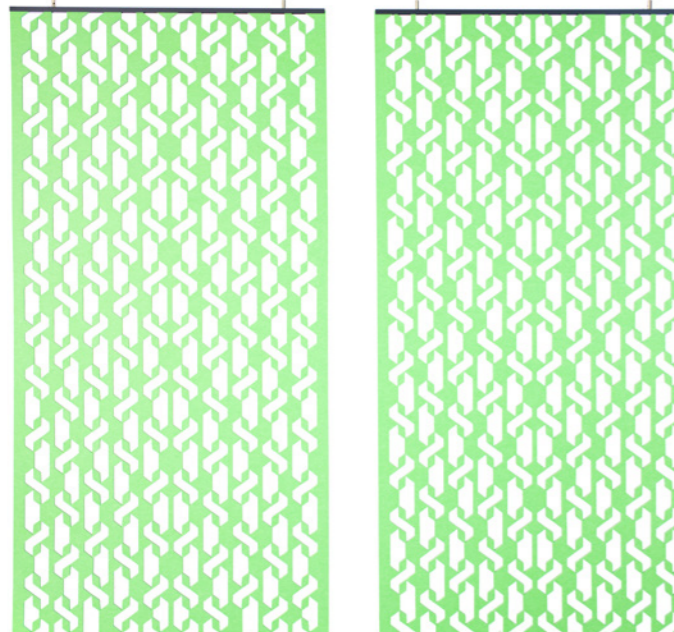
## Expanding design options

### Pack contents

2 Cascade Expanding Screens, 2 Frontier Channels,  
4 Ceiling Connectors, 4 1 m Wires, 4 Autex Suspension Sliders

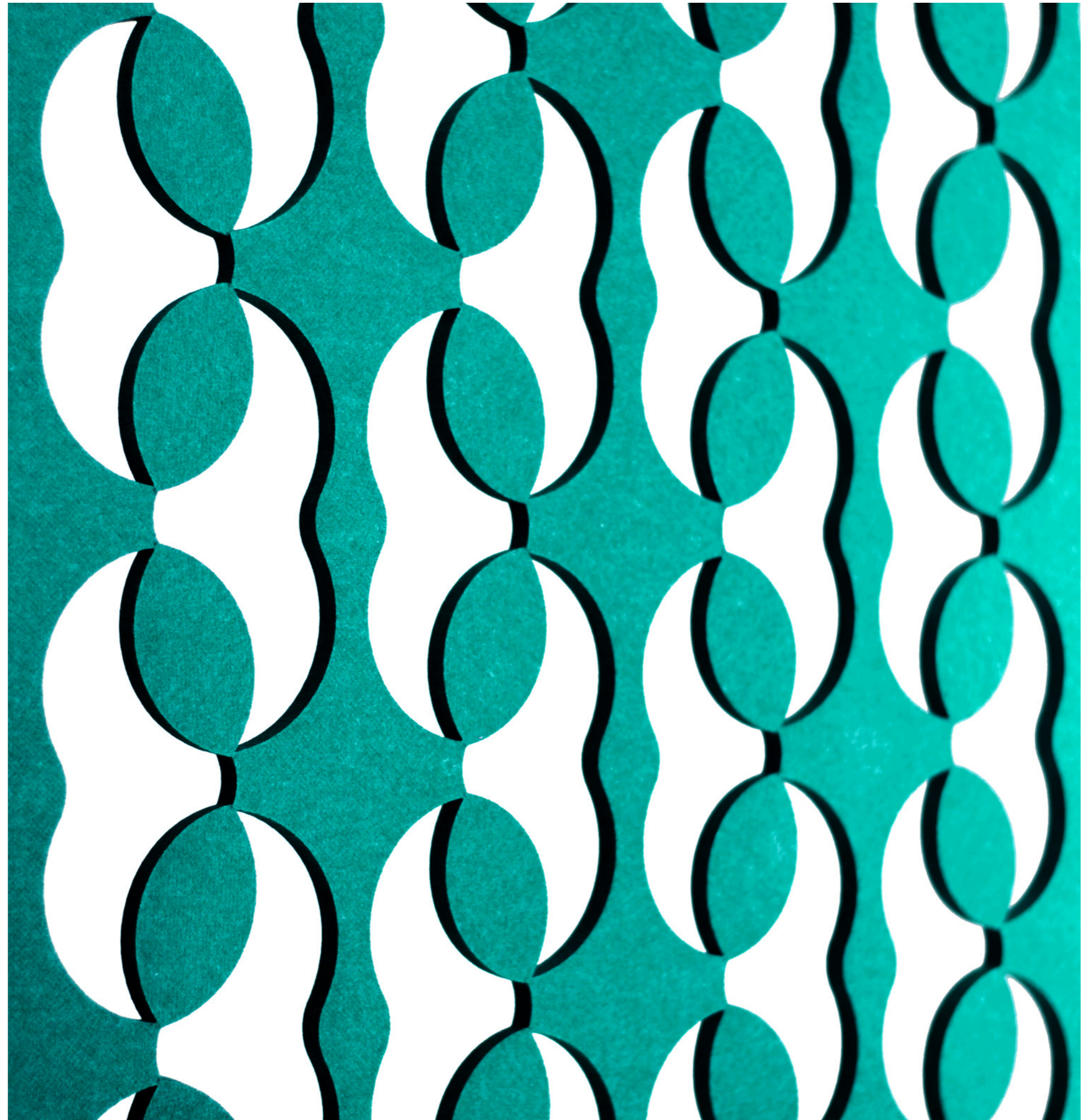


Design E5 more colours available



Design E6 more colours available

\*Expanding Screens increase by 100% when fully expanded, therefore two screens are created from one panel of Cube™. Images are shown fully expanded.





# Cascade™ Folding Screens

Dynamic and mutable, Cascade Folding Screens provide tactile privacy. The folding patterns, adjustable via water-cut hinges, can be gently altered to balance acoustic absorption and line-of-sight as required.

## Patent

Expanding and Folding Panel Patent  
US Patent 10,184,249 | GB Patent 2,547,530 |  
NZ Patent app 727634 | AU Patent app 2016273959

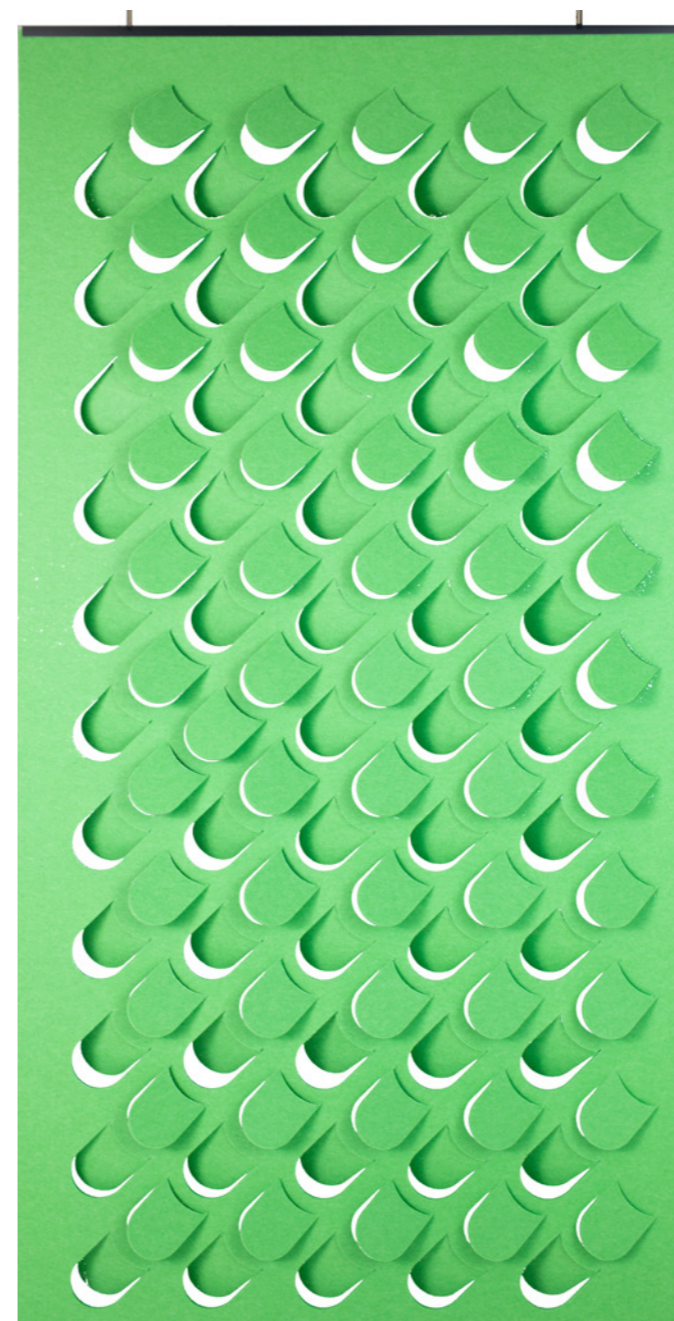
To find out more about Cascade  
visit [www.autexglobal.com](http://www.autexglobal.com)



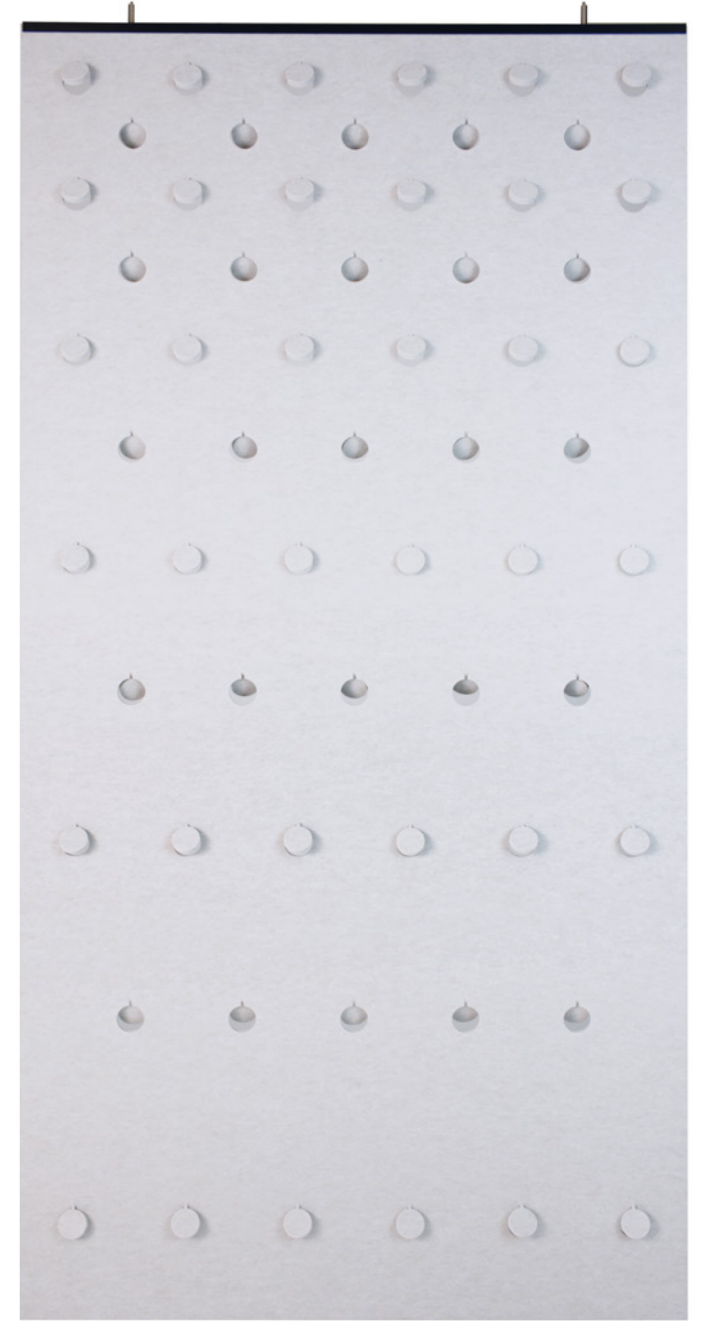
## Folding design options

### Pack contents

1 Cascade Folding Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



Design F1 more colours available



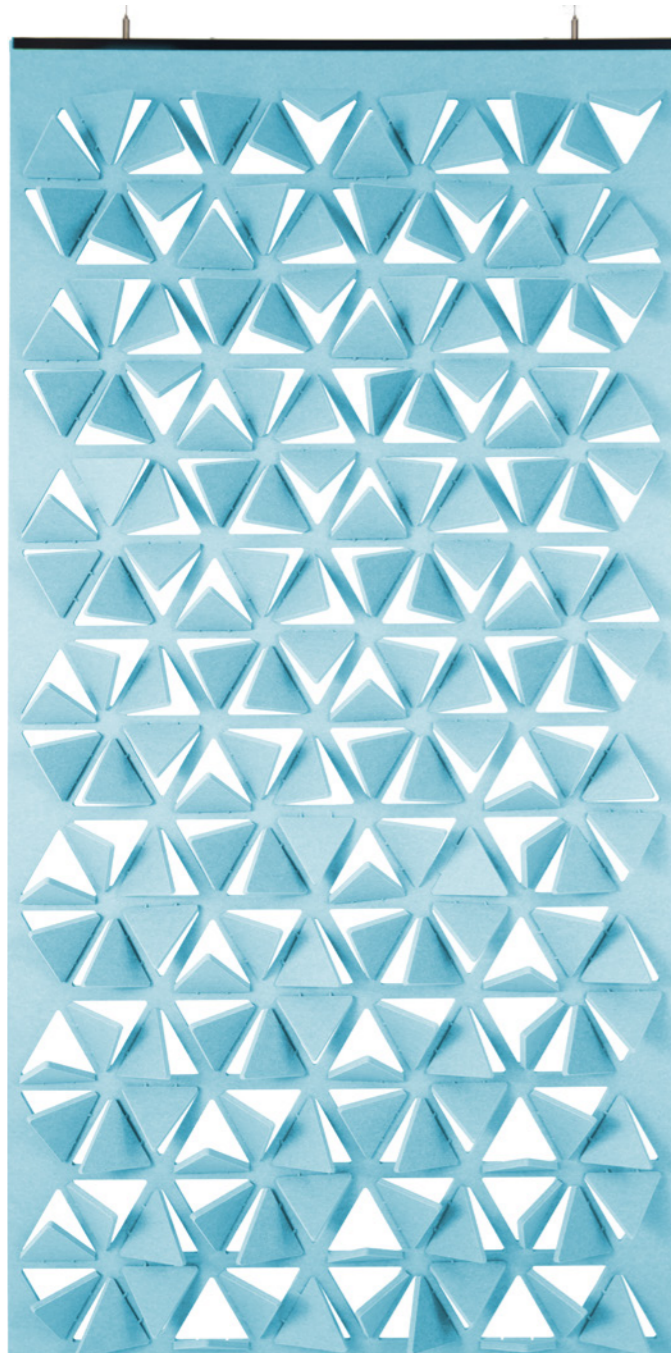
Design F2 more colours available



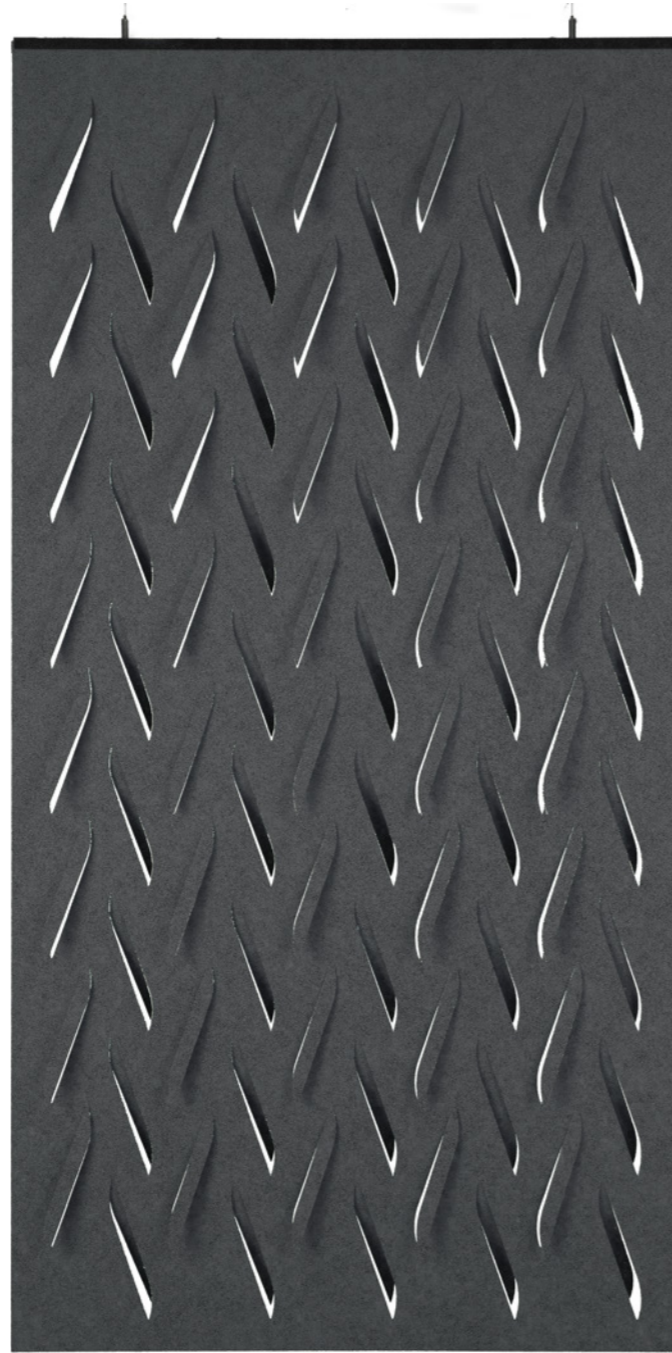
## Folding design options

### Pack contents

1 Cascade Folding Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



Design F3 more colours available

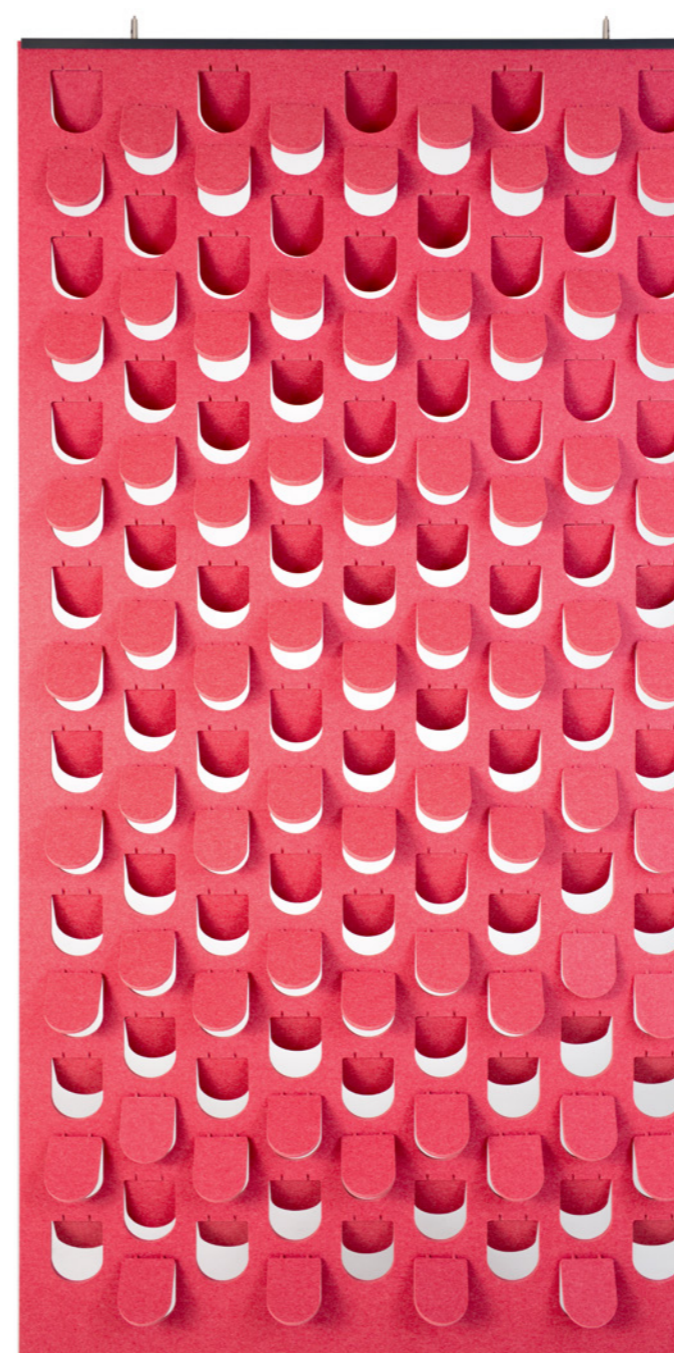


Design F4 more colours available

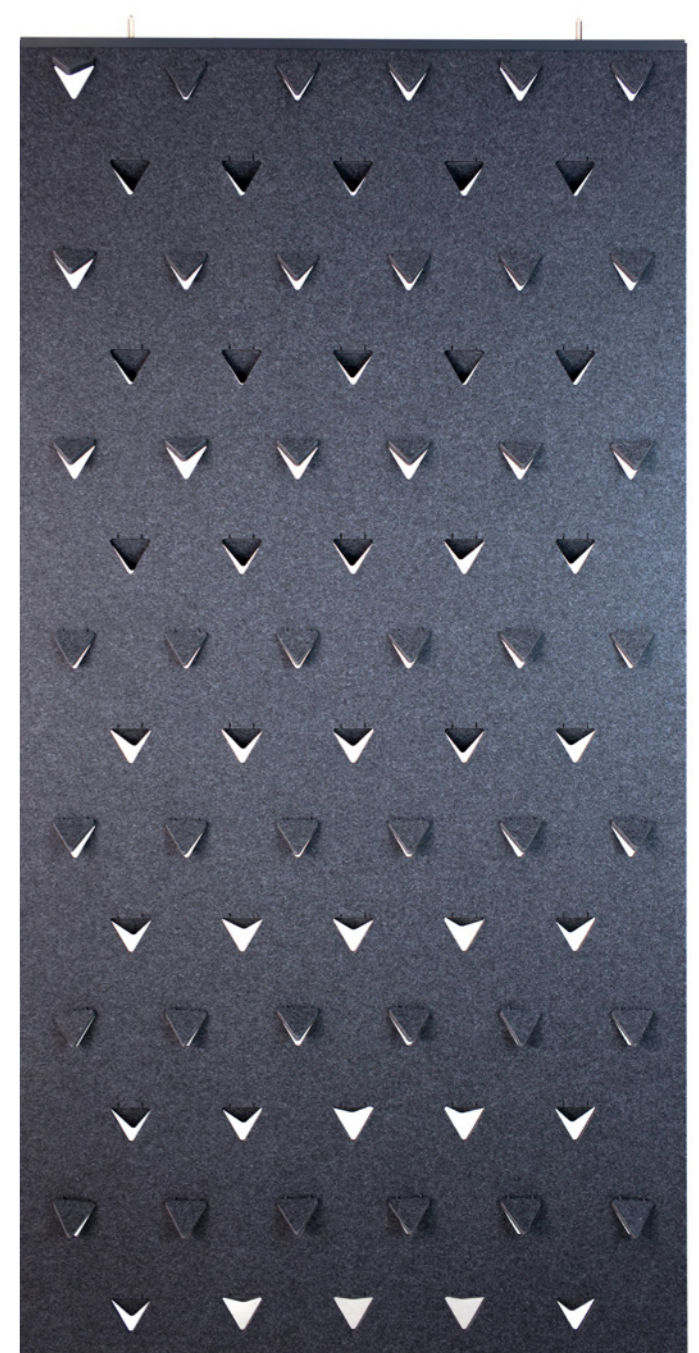
## Folding design options

### Pack contents

1 Cascade Folding Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



Design F5 more colours available

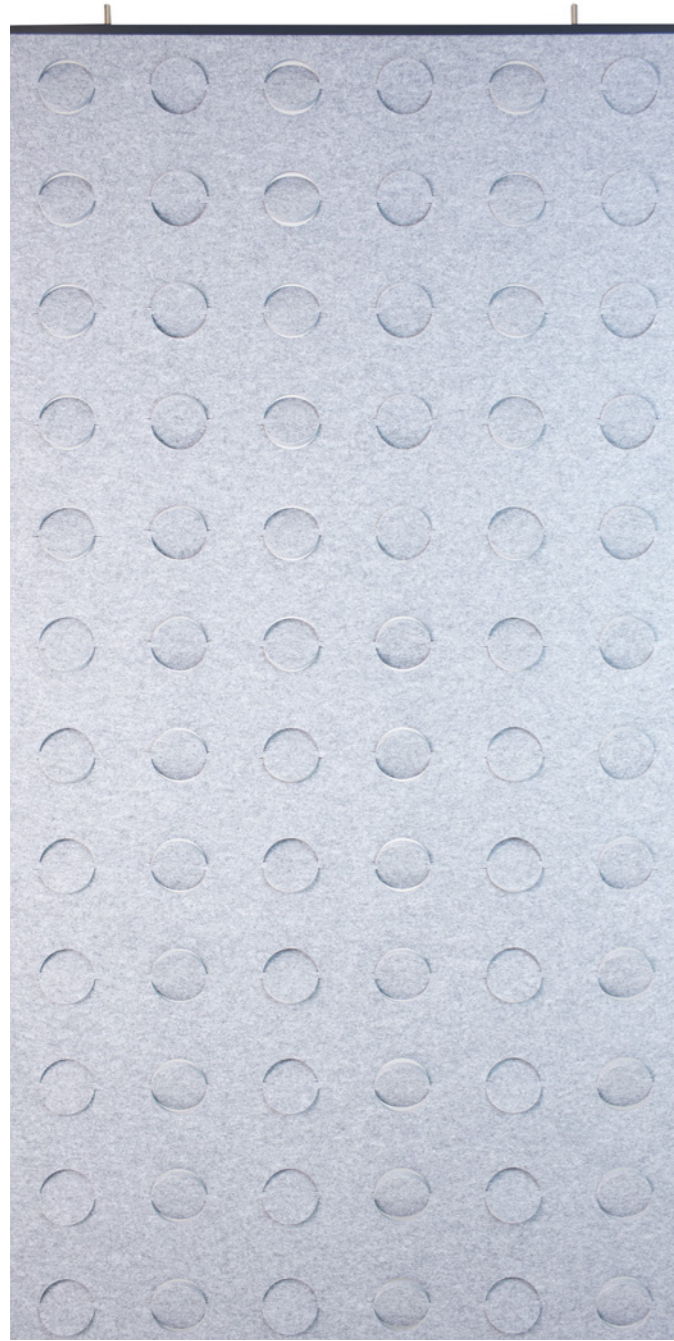


Design F6 more colours available

## Folding design options

### Pack contents

1 Cascade Folding Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



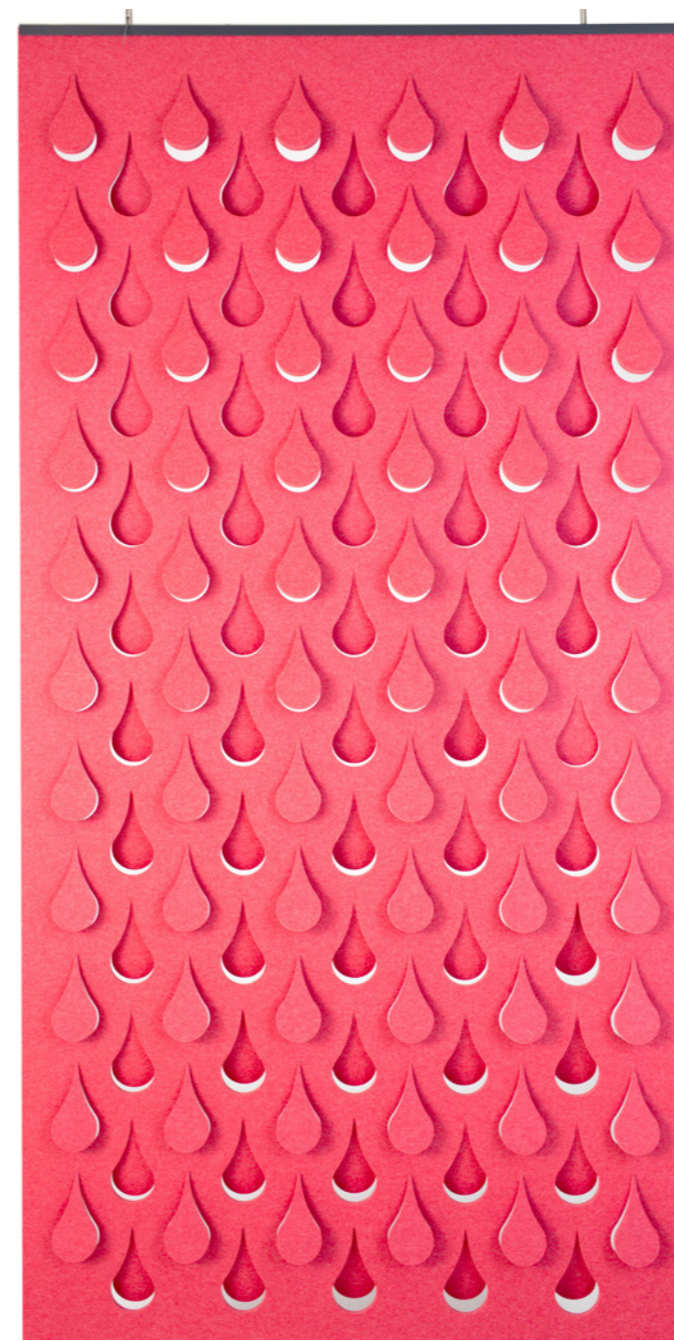
Design F7 more colours available

Design F8 more colours available

## Folding design options

### Pack contents

1 Cascade Folding Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



Design F9 more colours available



# Cascade™ Static Screens

A semi-permanent acoustic screen, the Cascade Static Screen exists in limbo—sheltering you from distractions for as long as you need it to. Fixed or suspended at either end with the Cascade suspension kit, the Static Screen is easily installed, uninstalled, and relocated; equally at home in open-plan spaces that evolve often, and spaces with an established layout.

To find out more about Cascade  
visit [www.autexglobal.com](http://www.autexglobal.com)

## Static design options

### Pack contents

1 Cascade Static Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



Design S1 more colours available



Design S2 more colours available

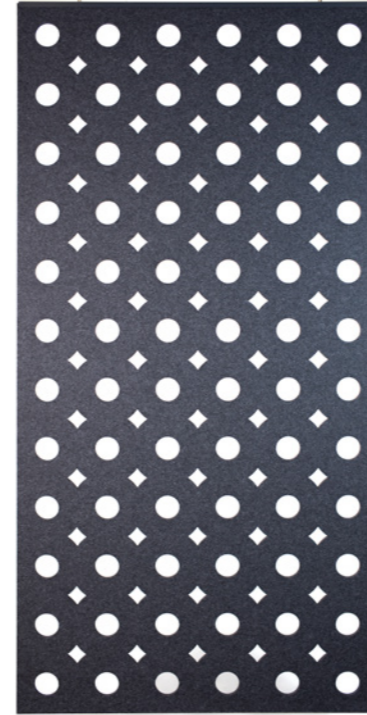


Design S3 more colours available

## Static design options

### Pack contents

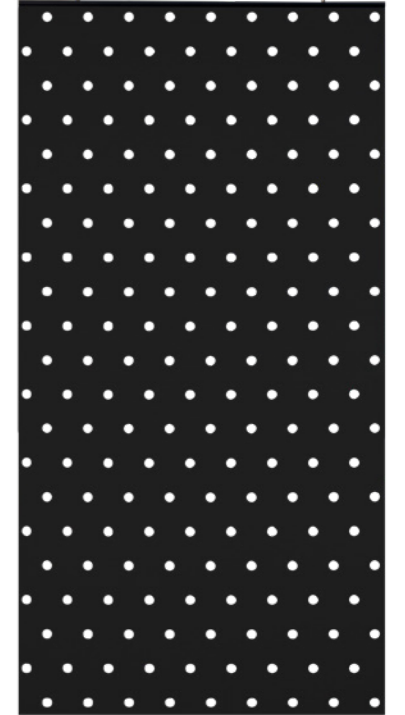
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2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



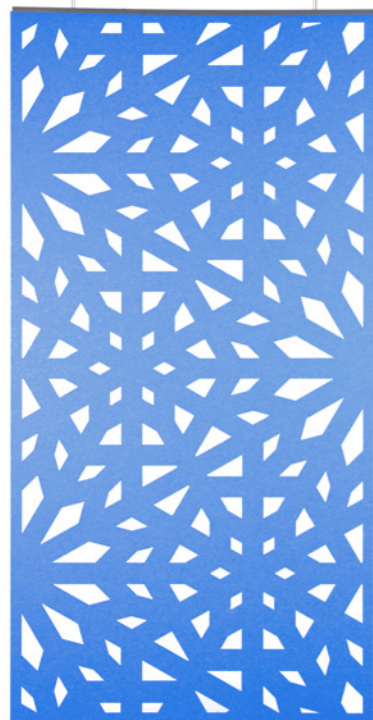
Design S7 more colours available



Design S8 more colours available



Design S9 more colours available



Design S4 more colours available



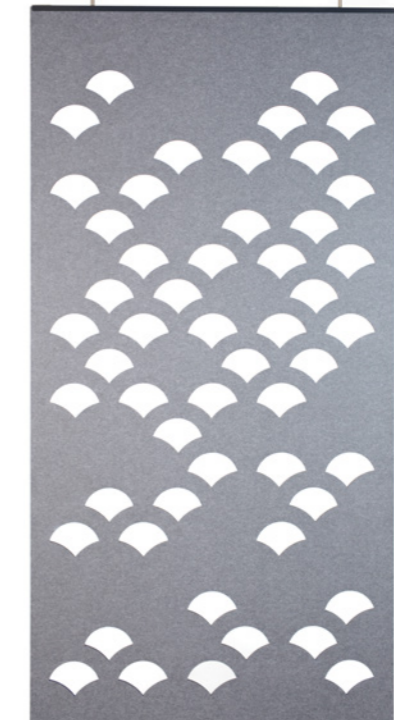
Design S5 more colours available



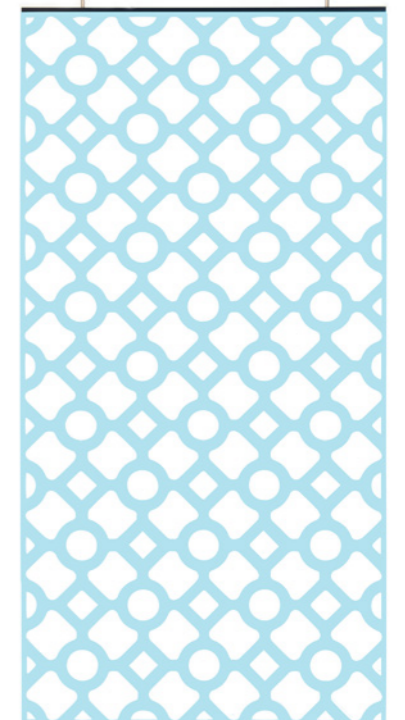
Design S6 more colours available



Design S10 more colours available



Design S11 more colours available

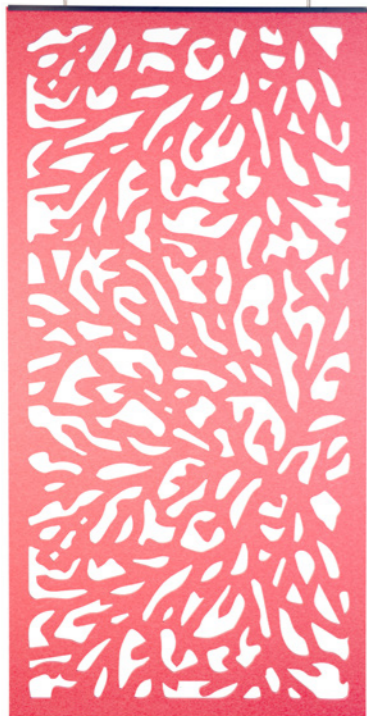


Design S12 more colours available

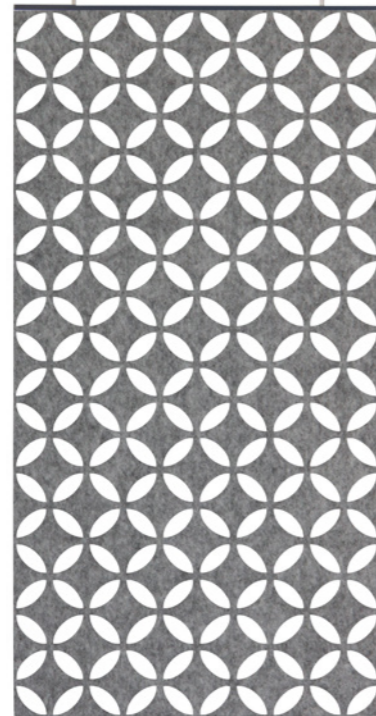
## Static design options

### Pack contents

1 Cascade Static Screen, 1 Frontier Channel,  
2 Ceiling Connectors, 2 1 m Wires, 2 Autex Suspension Sliders



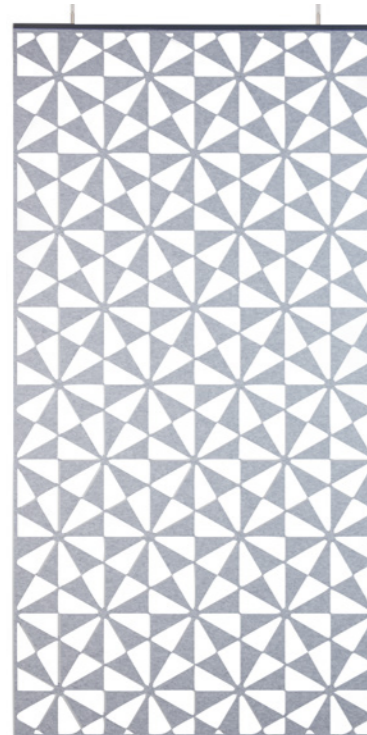
Design S13 more colours available



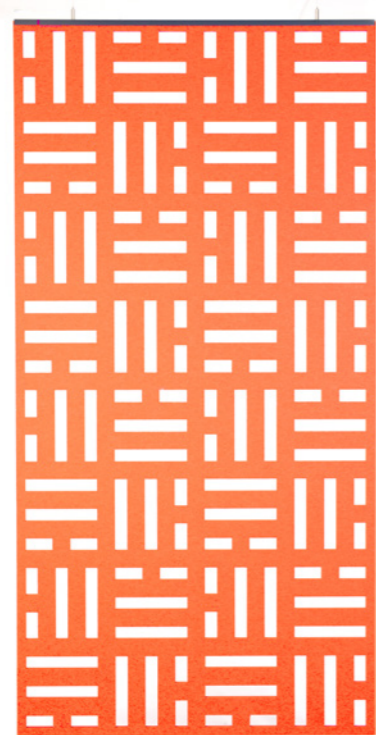
Design S14 more colours available



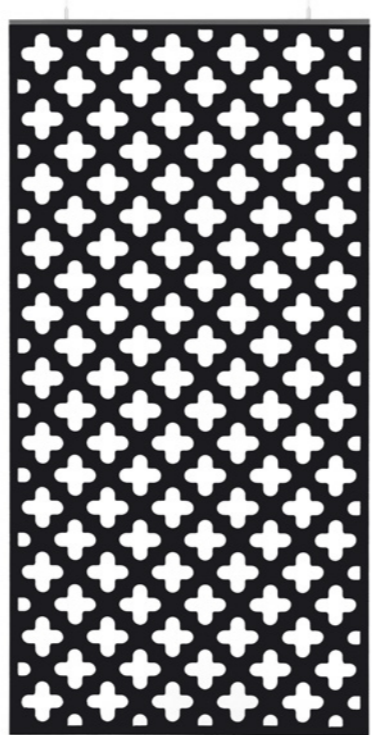
Design S15 more colours available



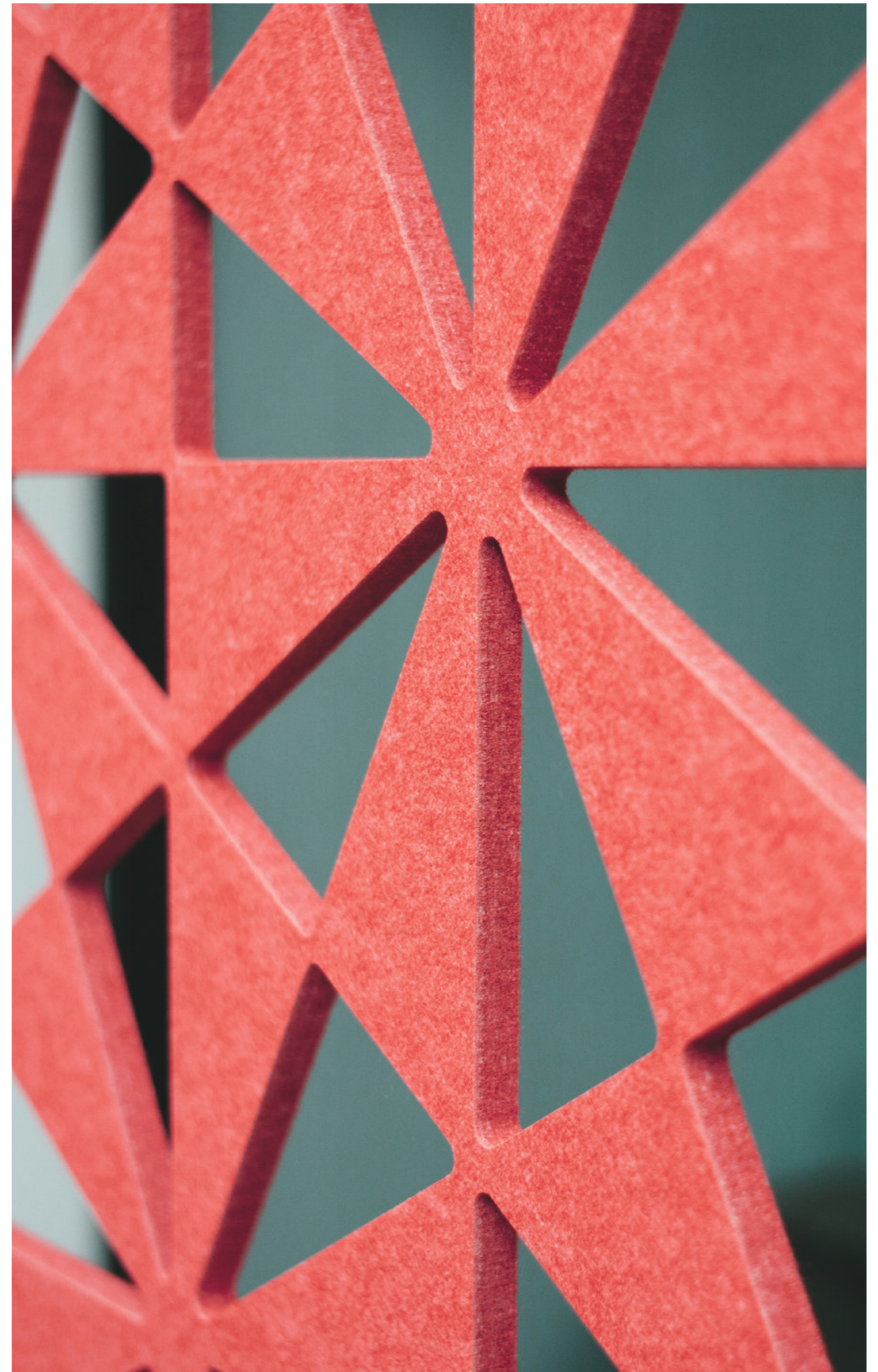
Design S16 more colours available



Design S17 more colours available



Design S18 more colours available



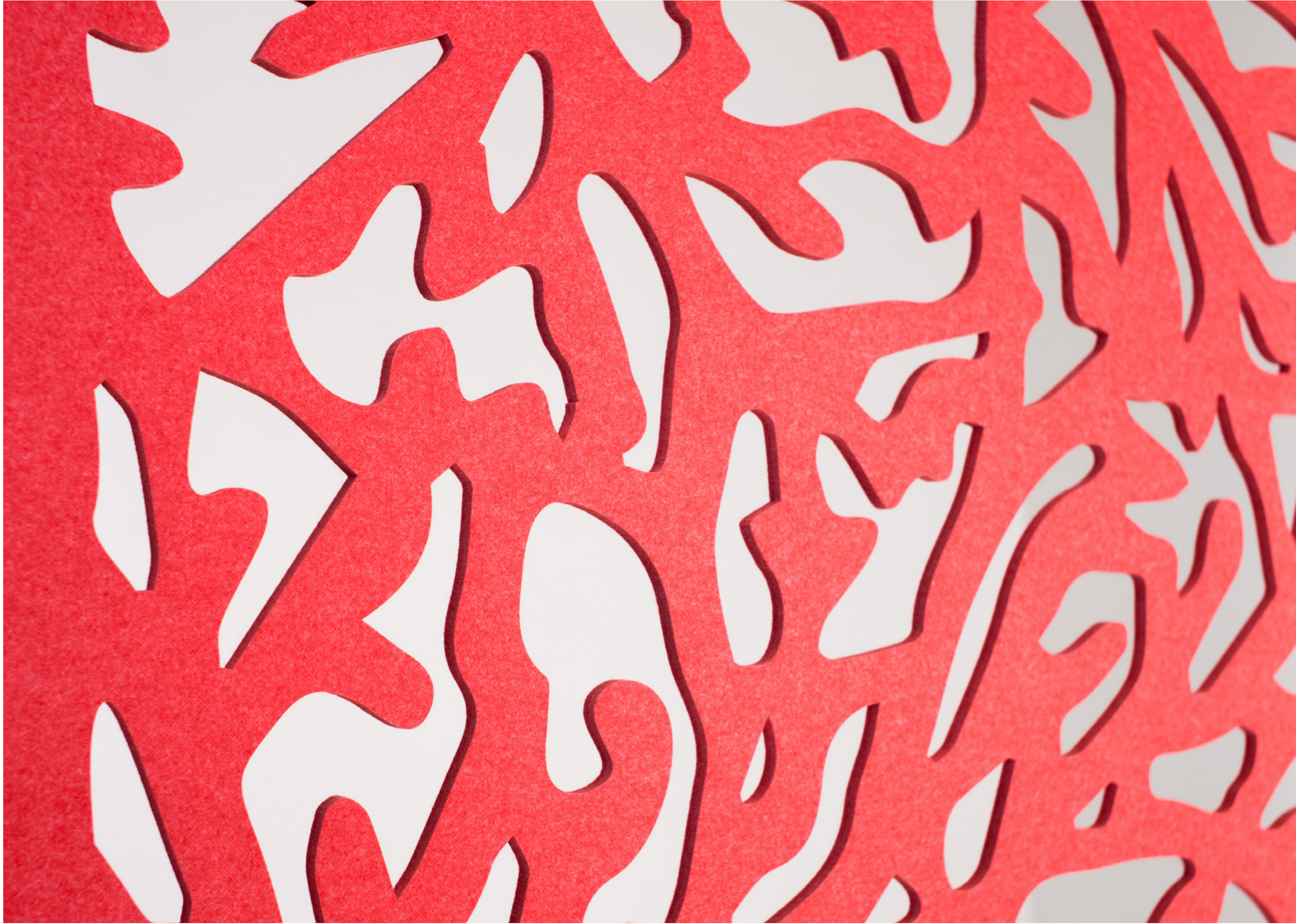


# Customisation

As creators and innovators, we understand your pursuit of the bold and unusual, the rare and exceptional—the brave, colour-outside-the-lines ideas. Every space you design is unique, therefore, every element—from floor to ceiling—should be tailored to fit. Our customisation tools offer unique avenues for creative expression to help you achieve your vision—all that's left to explore are the boundaries of your imagination.

Our customisation capabilities include Print, Etch™, Groove, Precision Cut, Mould and Press, and Peel 'n' Stick.

To find out more about Cascade visit [www.autexglobal.com](http://www.autexglobal.com)



# Cascade™ suspension kit

Each Cascade screen is supplied with one standard suspension kit for top suspension. All available suspension kit parts are pictured to the left. Additional parts are available for other install methods, detailed on the following page.

Please note that there are two Cascade Expanding Screens per pack, so you will receive two suspension kits.

#### Parts supplied per screen

Frontier™ Channel (A)

Part Number: RAFNEXPC1212

Attachment Set (B,2xC,D)

Part Number: RAHVAS

#### Additional parts

Clips (E)

Part Number: RAFTCC

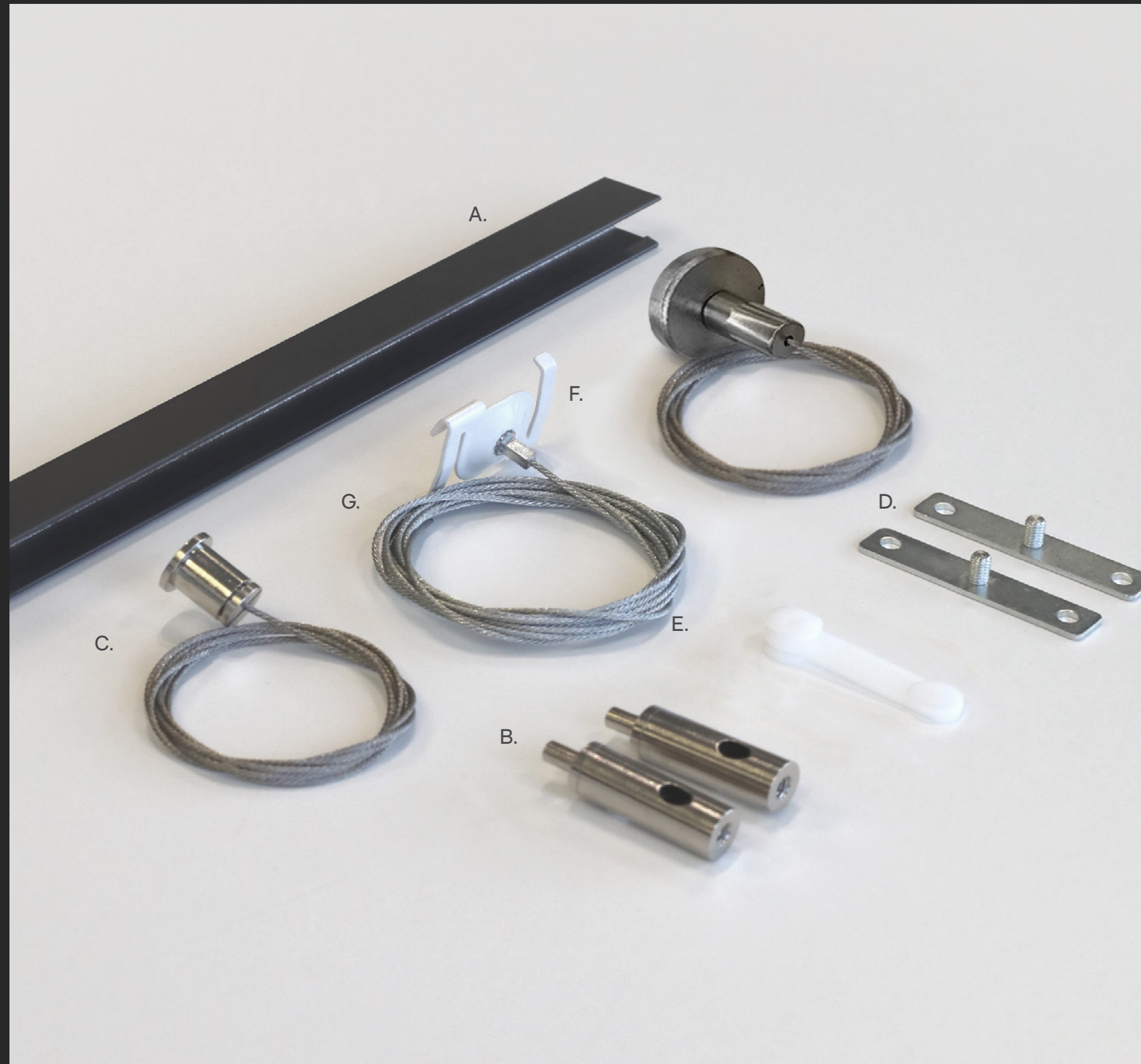
Suspension Magnet (F)

Part Number: RAMALS1

Ceiling Grid Hanger (G)

Part Number: RADCLS12

To find out more about Cascade  
visit [www.autexglobal.com](http://www.autexglobal.com)





# Installation options



Suspended top  
free hanging base

No additional parts required



Suspended top  
suspended base

Additional parts required  
(per screen)

- 1 RAFNEXPC1212
- 1 RAHVAS

\*Does not apply to design S8



Suspended top  
direct fix base

Additional parts required  
(per screen)

- 1 RAFNEXPC1212
- 1 RAFTCC

\*Does not apply to design S8



Direct fixed top  
suspended base

Additional parts required  
(per screen)

- 1 RAFNEXPC1212
- 3 RAFTCC

\*Does not apply to design S8



Direct fixed top  
direct fixed base

Additional parts required  
(per screen)

- 1 RAFNEXPC1212
- 6 RAFTCC

\*Does not apply to design S8



Direct fixed top  
free hanging base

Additional parts required  
(per screen)

- 3 RAFTCC





**CARBON  
NEUTRAL**

## We are proud to be a carbon neutral organisation

We have reduced and balanced all carbon emissions from our business operations, including manufacturing to zero.

## We offer entirely carbon neutral products

All our products are carbon neutral with emissions offset through certified carbon credits.

**0**kg

CO<sub>2</sub>-e per kg of product



# Sustainability pillars

The five pillars of our sustainability strategy define all aspects of our operations and the products we offer.



01



**Climate change demands climate action** We are carbon neutral in everything we do.

02



**Closing the loop** We are advocates for closing the loop on waste. We contribute by using recycled material through to creating recyclable products.

03



**Sustainable supply chain** We carefully select responsible suppliers to eliminate unethical practices and encourage good working conditions.

04



**Supporting wellbeing in buildings** All our products are made using only safe materials. No harmful chemicals are used in any stage of our process.

05



**Operating a business for purpose and profit** We strive to have a positive impact on our environment, our people, and the next generation.

In everything we do



# Our journey to carbon neutrality

1967

Founded in Auckland, NZ, creating underfelt for the flooring industry

1990

Established a zero-waste production line

2012

Reclaimed waste trimmings, **reducing raw material use and associated emissions**

2017

First EPD's published and started measuring **greenhouse gas emissions**

2020

Dematerialisation project which reduced raw material use **by 30% for core product**

2021

We balanced all emissions from our **acoustic products to zero**

2022

We balanced all emissions from our **global operations to zero**

Australia

New Zealand

United States of America

United Kingdom



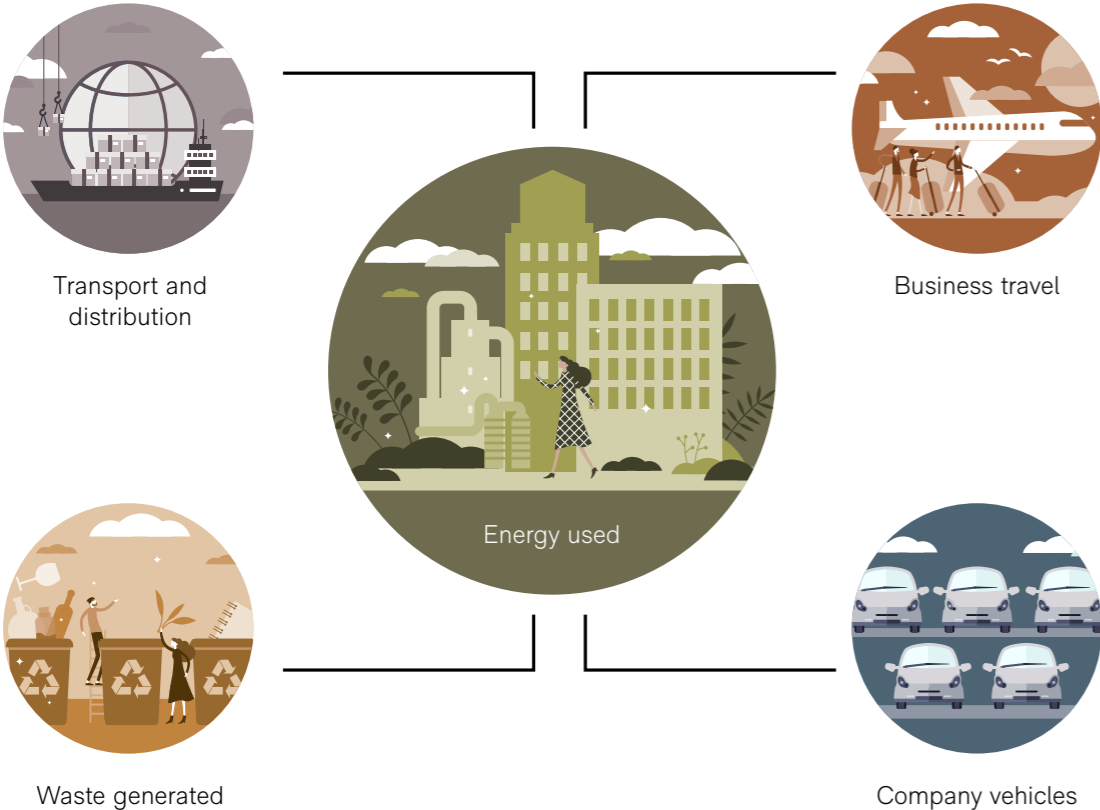
# How we're fighting climate change

The climate crisis is the biggest issue of our generation. As a product designer and manufacturer, we have an opportunity to help improve the carbon impact of our industry.

## Our operational carbon emissions

We are a carbon neutral business. We actively monitor the carbon emissions of our entire operation to better understand our carbon footprint and how we can further reduce emissions. We have an internal strategy to reduce our carbon emissions and have successfully delivered a number of carbon reduction initiatives within our operations. Any carbon emissions that are currently unavoidable are offset through certified carbon credits. We have a commitment to purchase only verified carbon credits that are retired on robust registers to ensure we are driving positive change.

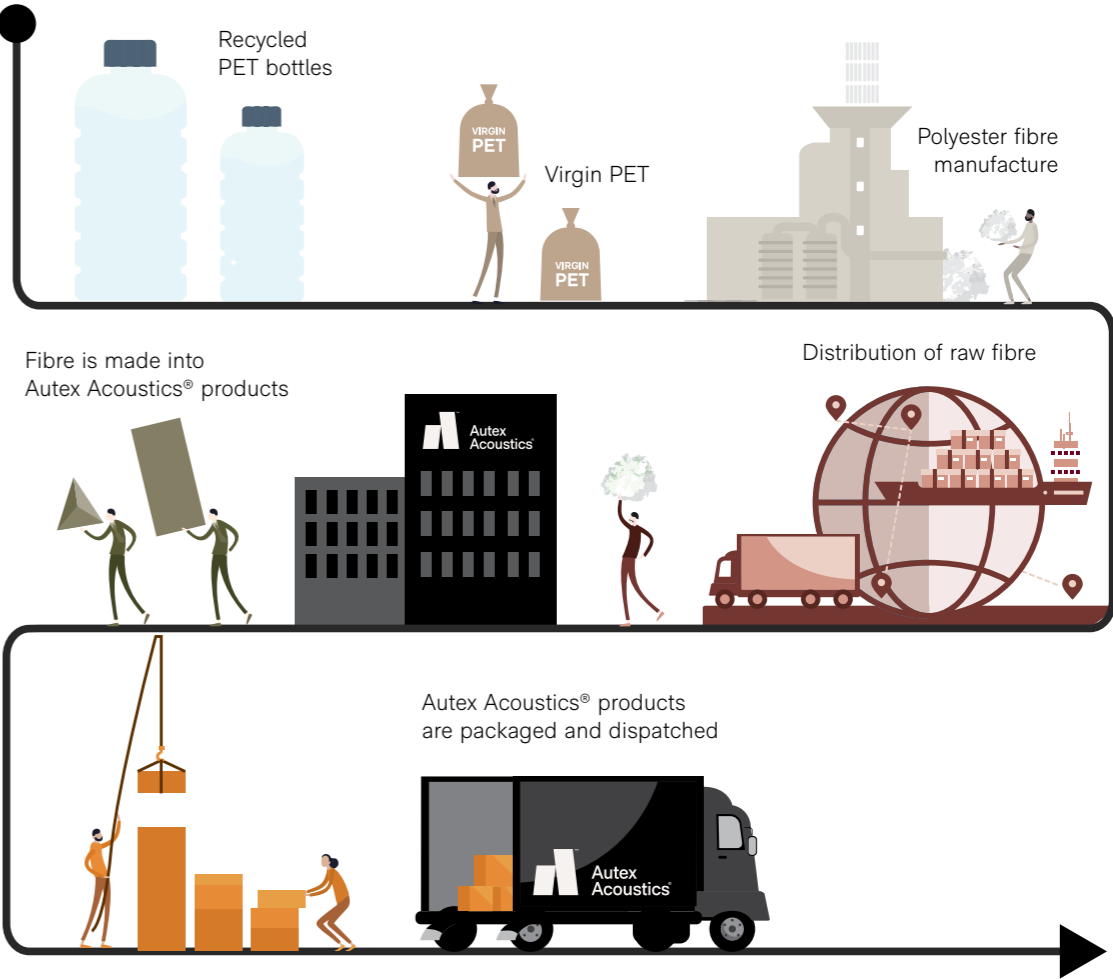
### Key business activities contributing to our operational emissions



## Embodied carbon of our products

Our products are carbon neutral, and we are the first business in our industry to include the cost of carbon in our products. We consider this an investment in present and future generations, and simply a cost of doing business. We calculate the embodied carbon of our products, from the raw material to the manufacturing gate, using industry recognised ISO standards. We have reduced the carbon footprint of our products through smart design and efficient manufacturing. While the embodied carbon of our products is low, they still do have a carbon impact. We mitigate this through our Carbon Neutral Product Initiative by offsetting the equivalent emissions using certified carbon credits. These carbon credits are generated from projects focused on renewable energy, fuel switching, and reforestation around the world.

### Key activities contributing to the embodied carbon of our products





# Certifications

## Certifying your green building

Autex Acoustics products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points, please visit [www.autexglobal.com](http://www.autexglobal.com), or speak with your Autex Acoustics account manager.



### Environmental Product Declaration

An Environmental Product Declaration (EPD) is a document that communicates information about the life-cycle environmental impact of a product, including embodied carbon. Our EPDs are created and verified in accordance with ISO 14025 and EN 15804, used for construction products and services.



### GreenRate – Level A

GreenRate is a multi-attribute environmental certification that scores products on a range of environmental, health, and social measures. Autex Acoustics products are certified to achieve GreenRate Level A. Level A is the highest GreenRate level and demonstrates the highest level of product sustainability.



### Declare – International Living Future Institute

The ingredients in our products have been reviewed against the Living Future Challenge Red List and achieve a Third-Party Verified 'Red List Free' status.



Products achieve the highest 'LBC Red List Free' status when:

- Ingredients are 100% disclosed and are not found in the Red List
- Products are shown to meet VOC emissions limits

We assure the accuracy of our certifications by having our Declare labels independently verified by a third party expert.



### Health Product Declaration

A Health Product Declaration (HPD) is a document that reports the ingredients of a product and the health effects associated with these ingredients. A Health Product Declaration has been generated for each of our products.



### CDPH Standard

CDPH Standard Method (CA Section 01350) is a widely used standard to evaluate building products for low volatile organic chemicals (VOC) and formaldehyde emissions. All Autex Acoustics products meet the limits set by CDPH and the LEED building rating scheme.



### ISO Certifications

#### ISO 14001 – Environmental Management

Autex Acoustics manufactures under environmental management processes that are ISO certified. This certification gives assurance that we manage any environmental impacts within our operations.



#### ISO 9001 – Quality Management

Autex Acoustics has a strict quality management system that is ISO certified. Robust quality processes from raw material through to product release help ensure our products meet expectations.



#### ISO 45001 – Health and Safety Management

Autex Acoustics manufacturing operations have an ISO 45001 certified Health and Safety Management System to ensure the safety and wellbeing of our people.



In everything we do

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