

**Aectual**

**Tailor-made  
& circular  
interior  
architecture  
made easy**

**Product  
Playbook**



Salone del Mobile Milano 2022 limited edition



# Create your tailor-made, interior products & architectural finishes in a circular way



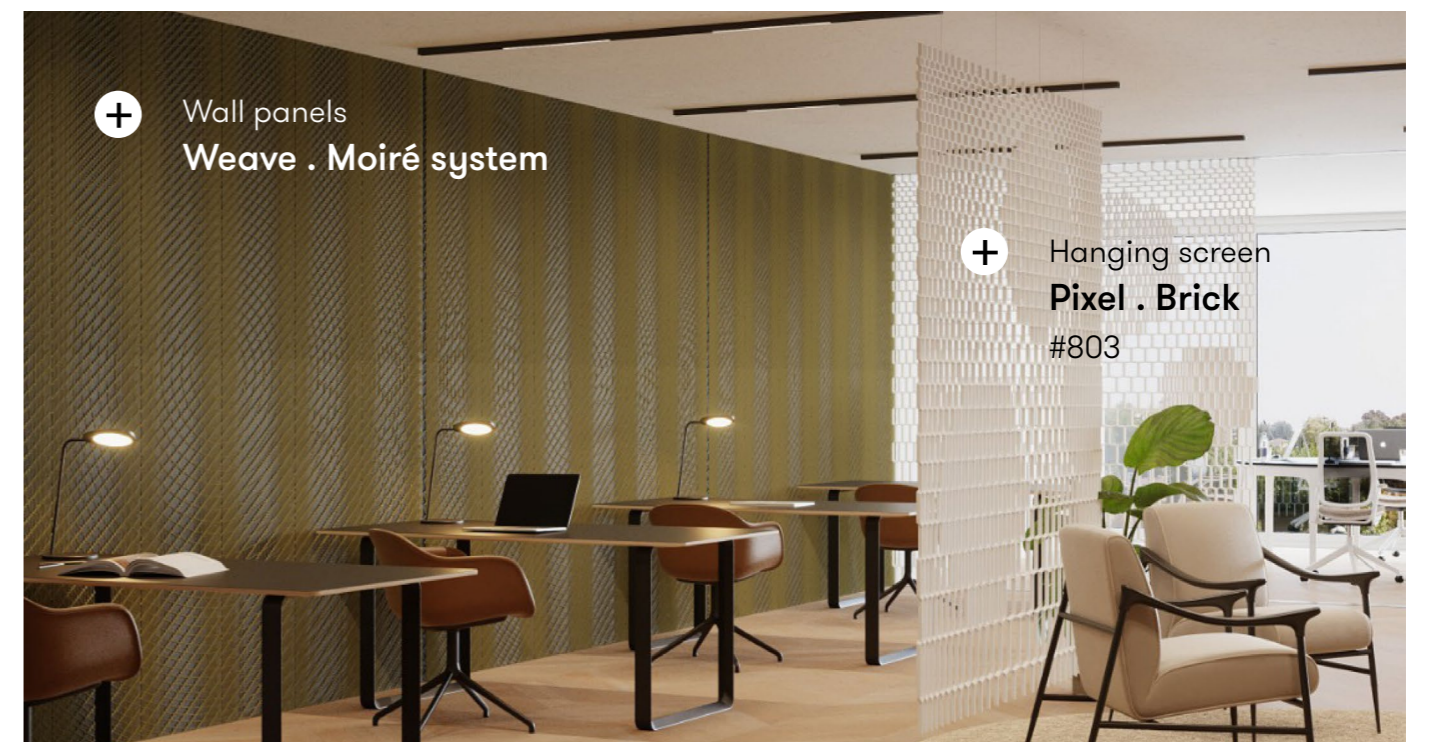
+ Wall panels  
Shelfy . Cannelure system



+ Studio  
By you



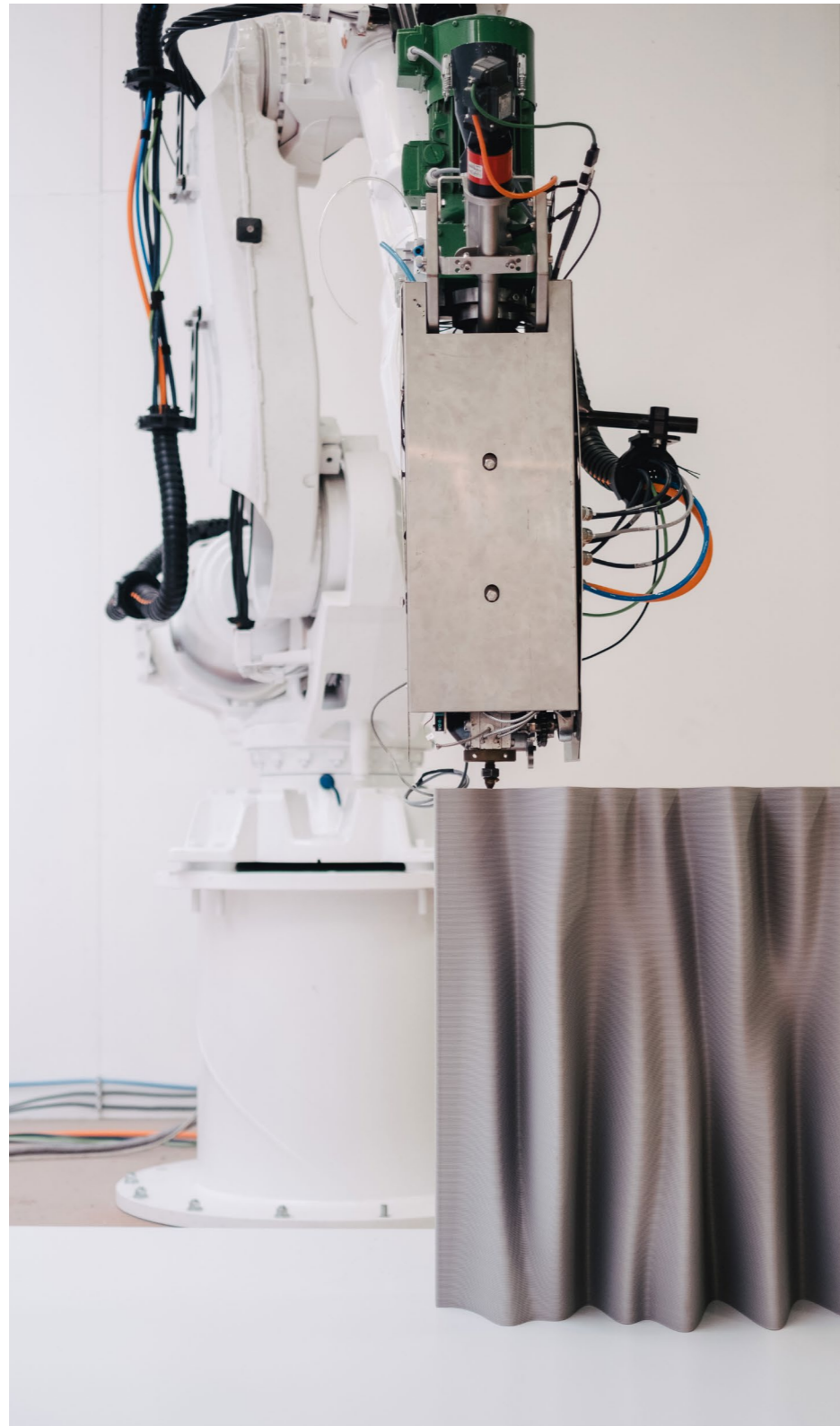
+ Flooring  
Pattern Terrazzo . Durabella system



+ Wall panels  
Weave . Moiré system

+ Hanging screen  
Pixel . Brick  
#803





**Truly circular  
take-back  
service.**

Through innovative  
3D printing  
techniques,  
infinitely re-using  
materials.



[www.aectual.com/mission](http://www.aectual.com/mission)



**Our products are used for office, retail, hospitality, and home applications. Explore the possibilities for your project.**

## **Flooring systems**

Seamless hardfloor



## **Partition Screen systems**

Hanging screens

Standing screens

Desk screens

Window screens



## **Interior objects**

Planters

Poufs

Office phonebooths

Break-out rooms

Table legs



## **Wall panel systems**

Acoustics

Double curved

Decorative

Functional



## **Aectual studio solutions**

Temporary Facades

Sunshade Canopies

Planters

Fence



## **Product Systems**

Pixel

Productline: Brick, Grid

Gradient

Productline: Curve, Nazka, Diamond

Chrochet

Productline: Diamond

Mesh

Productline: Curve, Diamond, Butterfly

Block

Productline: Create your own

Weave

Productline: Moiré

Origami

Productline: Diamond

Freeline

Productline: Create your own

Wrap

Productline: Cannelure, Pleat, Drape, Halfpipe

Soundwave

Productline: Vertical, Horizontal

Pattern Terrazzo

Productline: Upload yours

Claustra

Productline: Triangle, Curve







+ Wall panels & window covering  
Pixel . Brick system



# Screen systems & privacy solutions

## Hanging screens

Products: Pixel, Weave, Origami, Mesh, Crochet

## Standing screens

Products: Gradient, Freeline

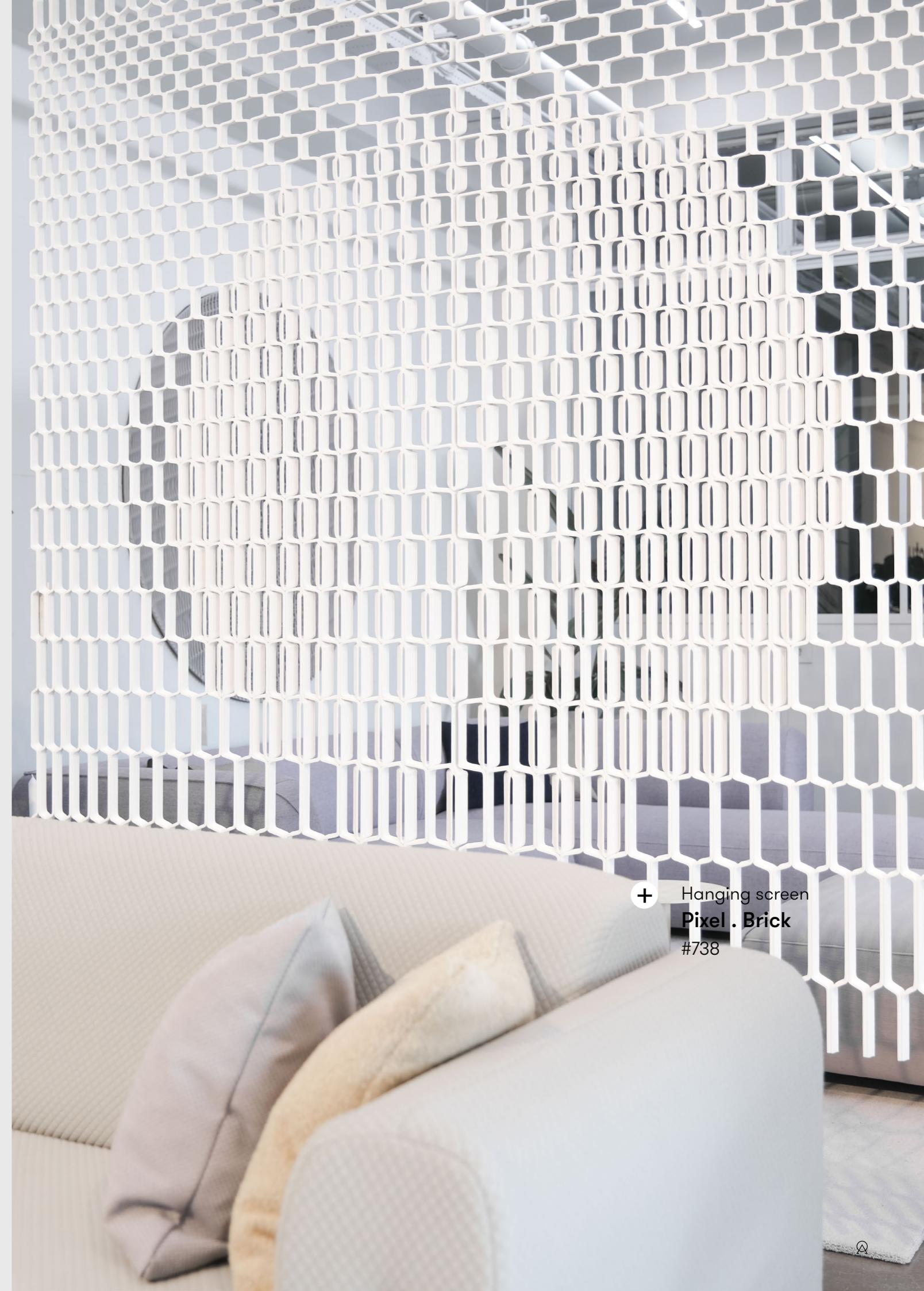
## Desk screens

Products: Origami, Pixel, Gradient, Mesh

## Window screens

Products: Gradient, Pixel, Freeline

+ [www.aectual.com/](http://www.aectual.com/)



+ Hanging screen  
**Pixel . Brick**  
#738

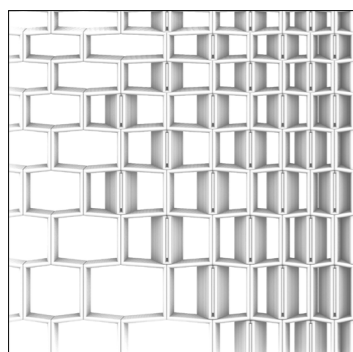


# Pixel .

Partition screens, Window coverings

The Pixel . system is an adaptive & transparent spatial divider system suitable for a wide range of settings. Its screens achieve modern expression through abstract patterns and bring a subtle level of privacy. Every pixel in the surface can be open or closed, casting decorative shadows, and giving structure to a floorplan. You can create infinite patterns & symbols based on your design, in line with your space & brand, and realize your own unique signature aesthetic. Scalable to every area size and available in your color of choice.

## Product line



Brick

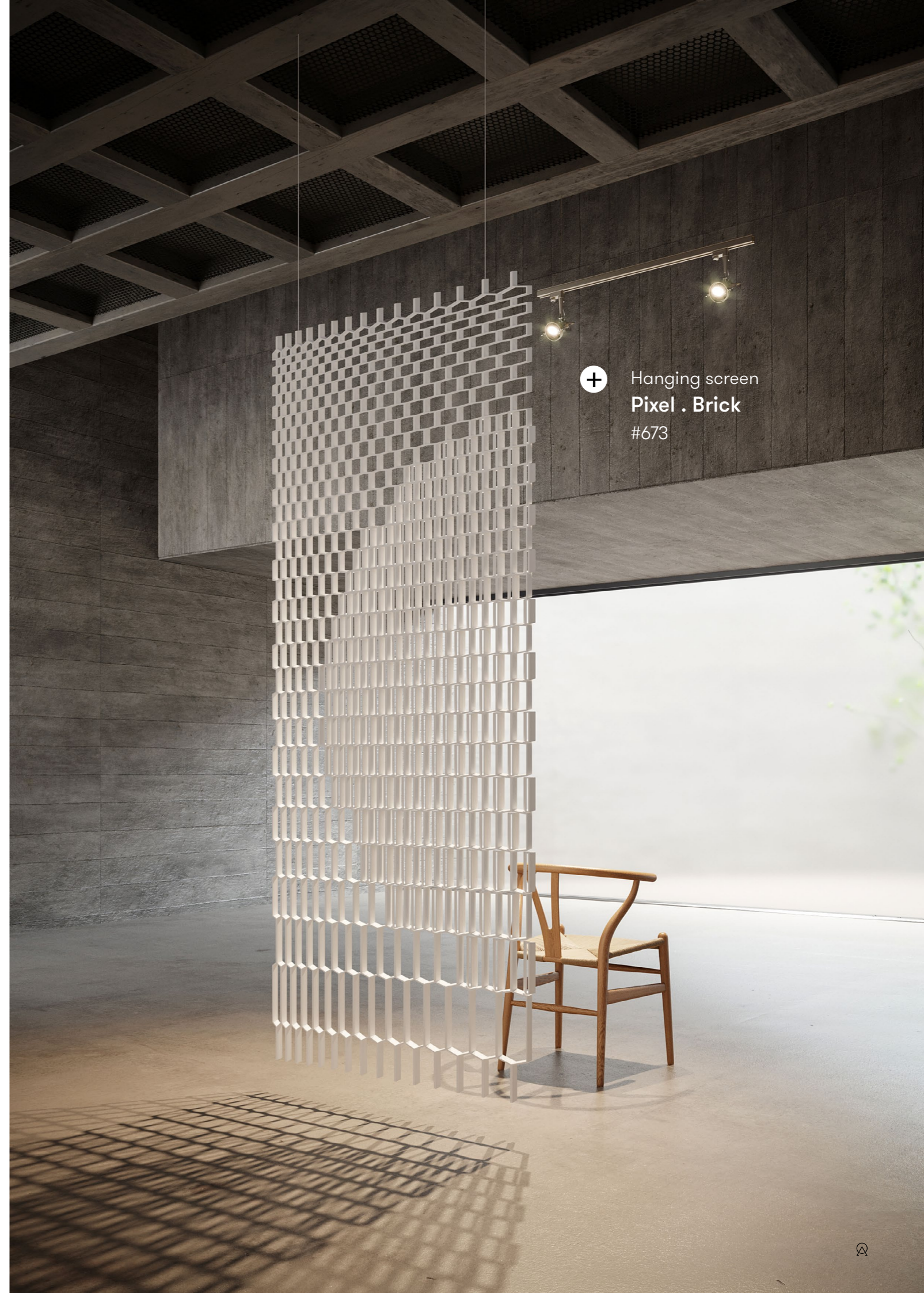
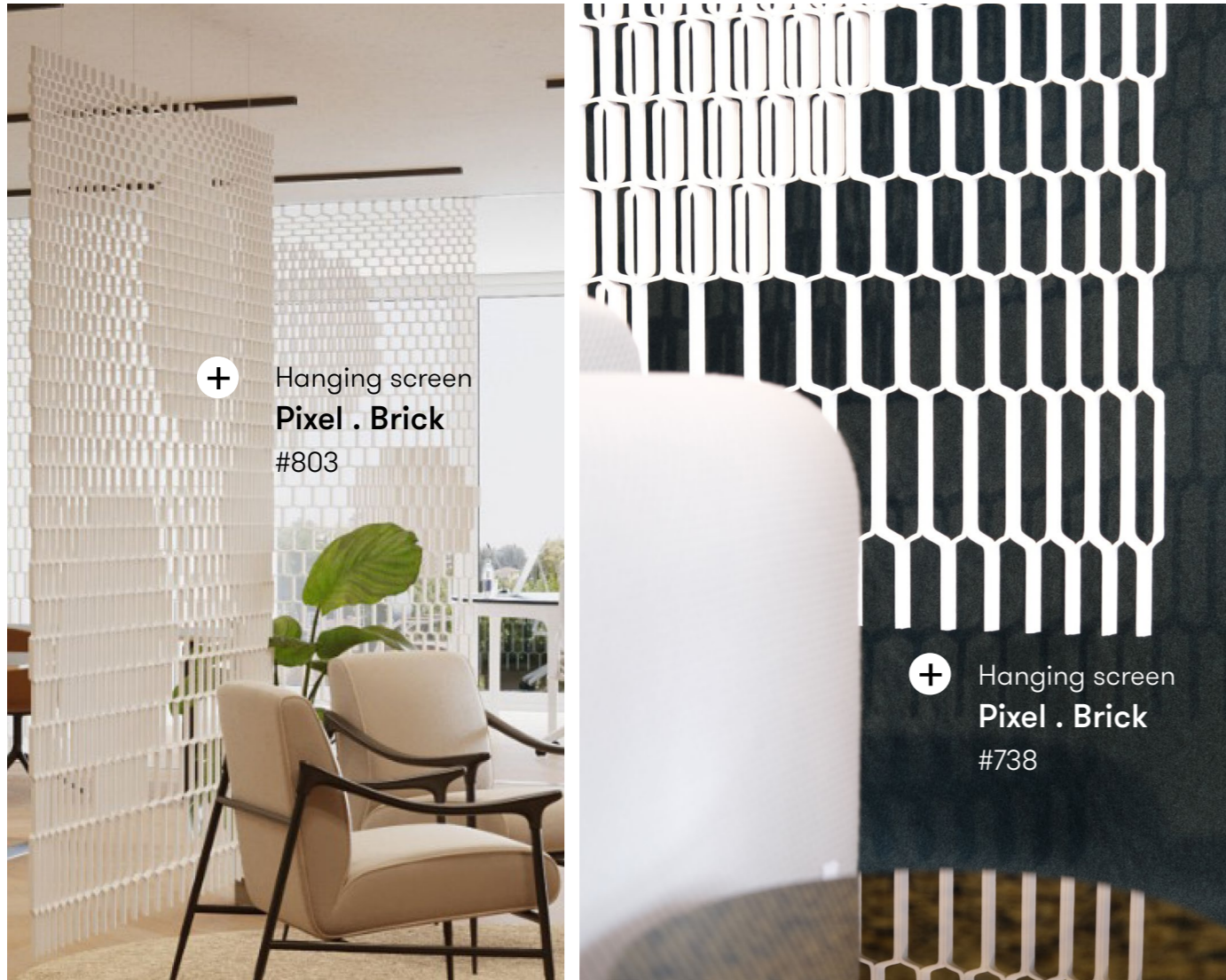
+ [www.aectual.com/systems/pixel-brick](http://www.aectual.com/systems/pixel-brick)



+ Window covering  
Pixel . Brick system

+ Partition screen  
Pixel . Brick system









Partition screen  
**Pixel . Brick system**



Window covering  
**Pixel . Brick system**



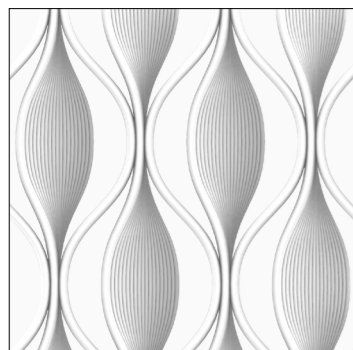


# Gradient .

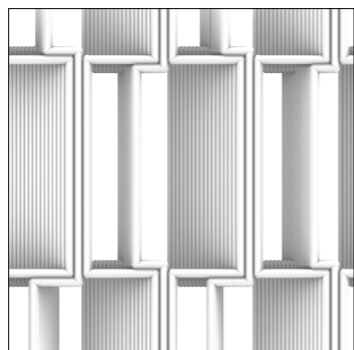
Screens, Window coverings, Wall panels, Furniture panels, Outdoor canopies

The Gradient system plays with light & privacy through adaptive patterns that gradually open and close. Every cell in this product has a louver that can be positioned at an exact angle. This allows you to create bespoke graphic and brand designs, precise sun shading, and play with privacy. Use it as hanging screens to provide tailored shade in front of windows, or self-standing room divider. Scalable to every area size and available in your color of choice.

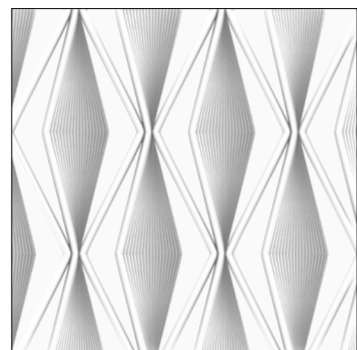
## Product line



Curve



Nazka



Diamond



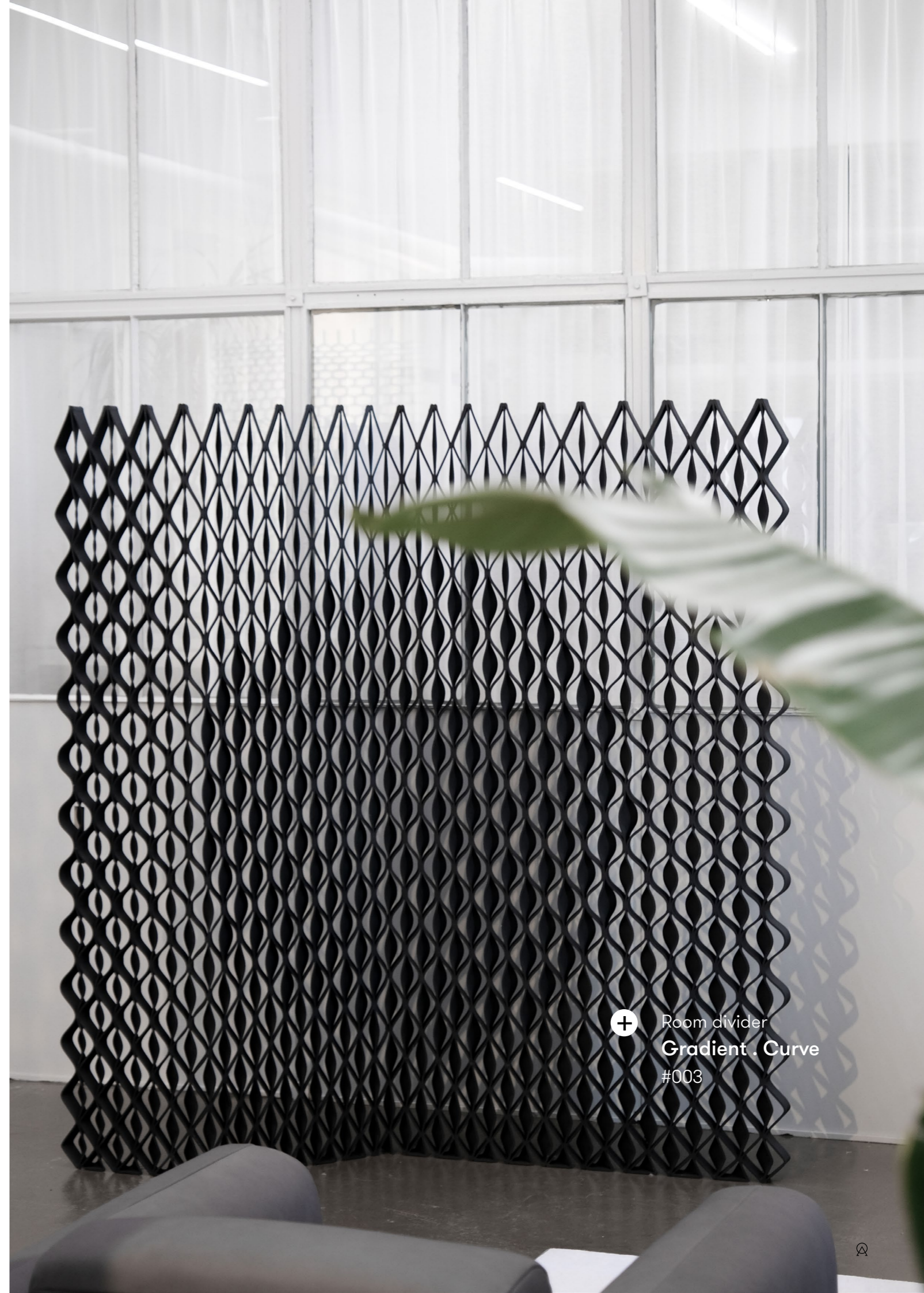
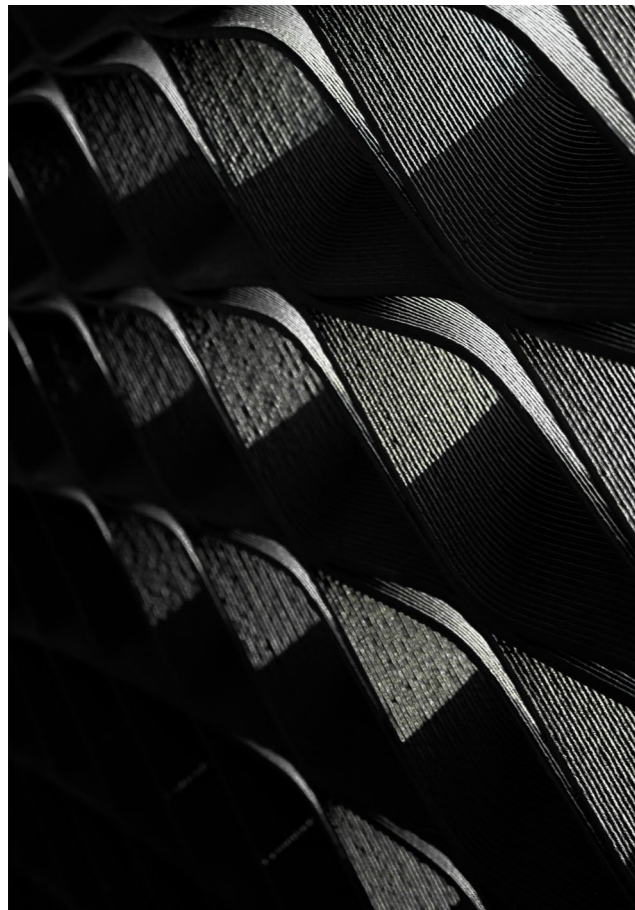
[+ www.aectual.com/systems/gradient-curve](https://www.aectual.com/systems/gradient-curve)

**+** Window covering  
Gradient . Curve system





+ Furniture panels  
**Gradient . Curve system**  
Flagshipstore LOFT, Ginza Tokyo



+ Room divider  
**Gradient . Curve**  
#003





+ Partition screen  
**Gradient . Curve system**

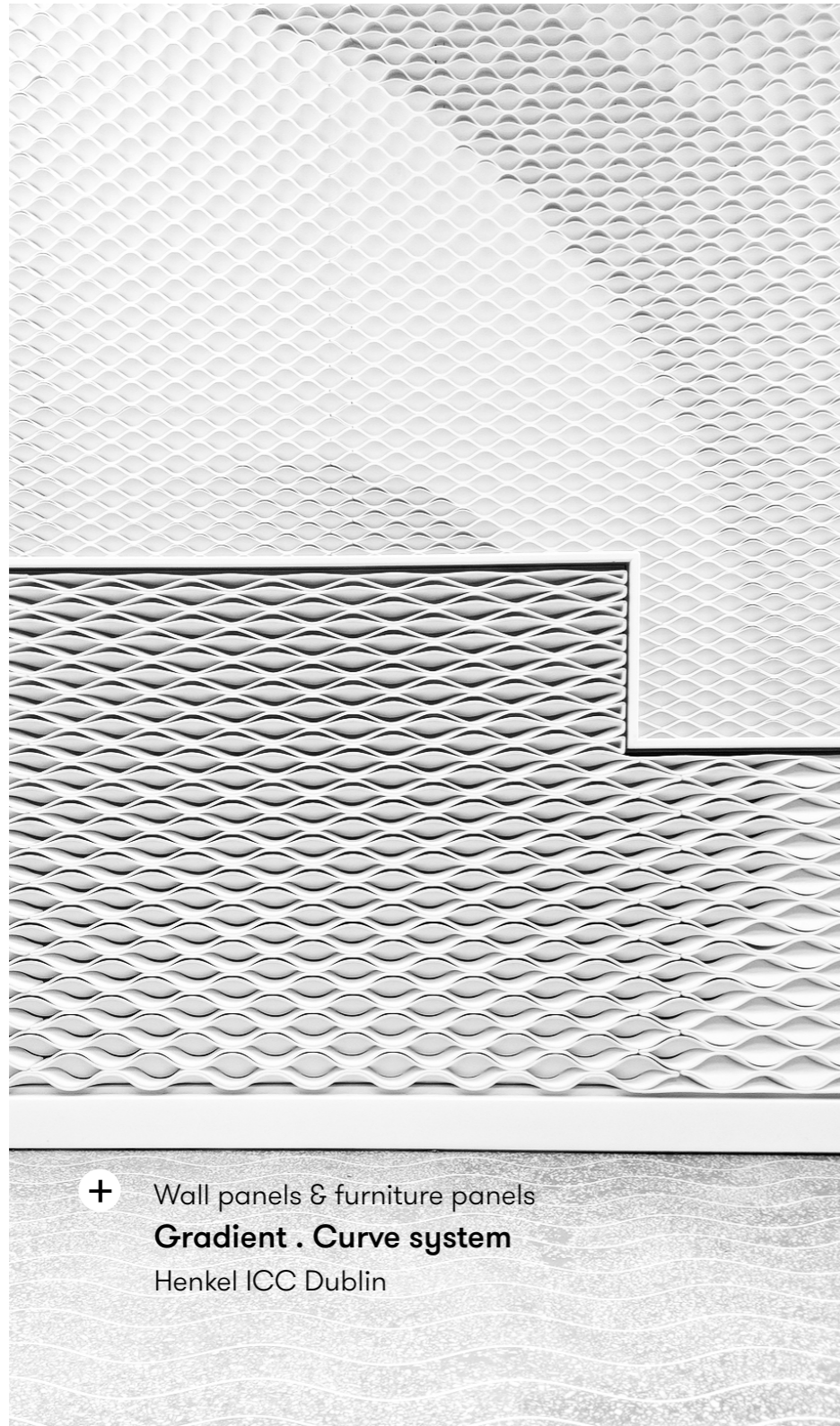


Explore our wide  
color collection

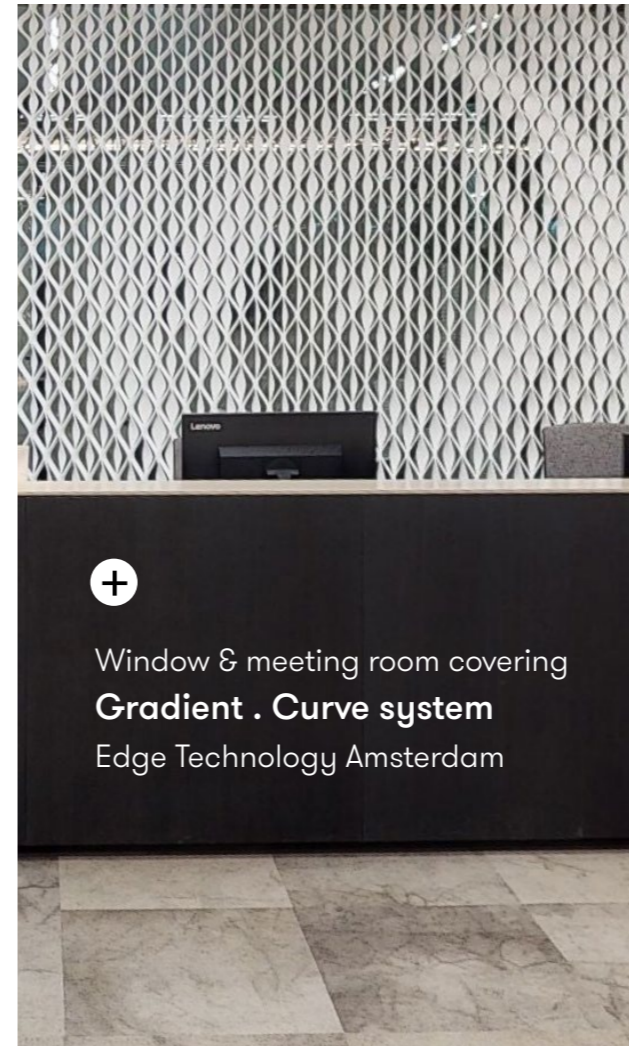
Or create a unique  
bespoke color to  
match your interior  
design

[+ www.aectual.com/colors](https://www.aectual.com/colors)

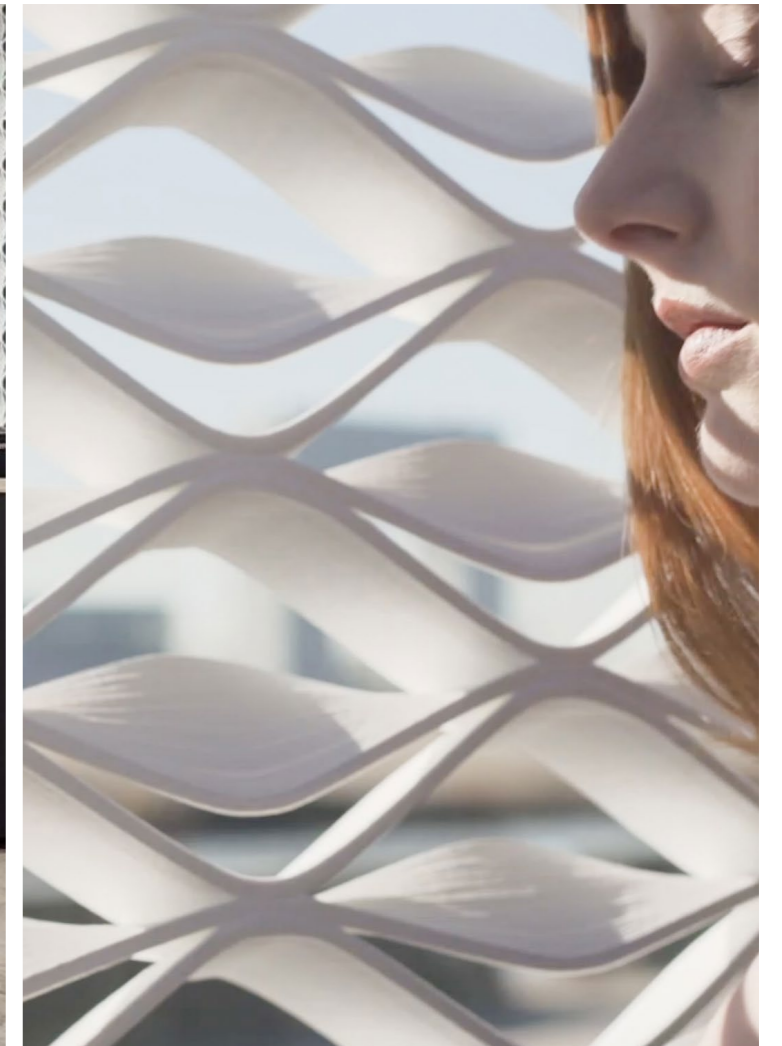




+ Wall panels & furniture panels  
**Gradient . Curve system**  
Henkel ICC Dublin



+ Window & meeting room covering  
**Gradient . Curve system**  
Edge Technology Amsterdam



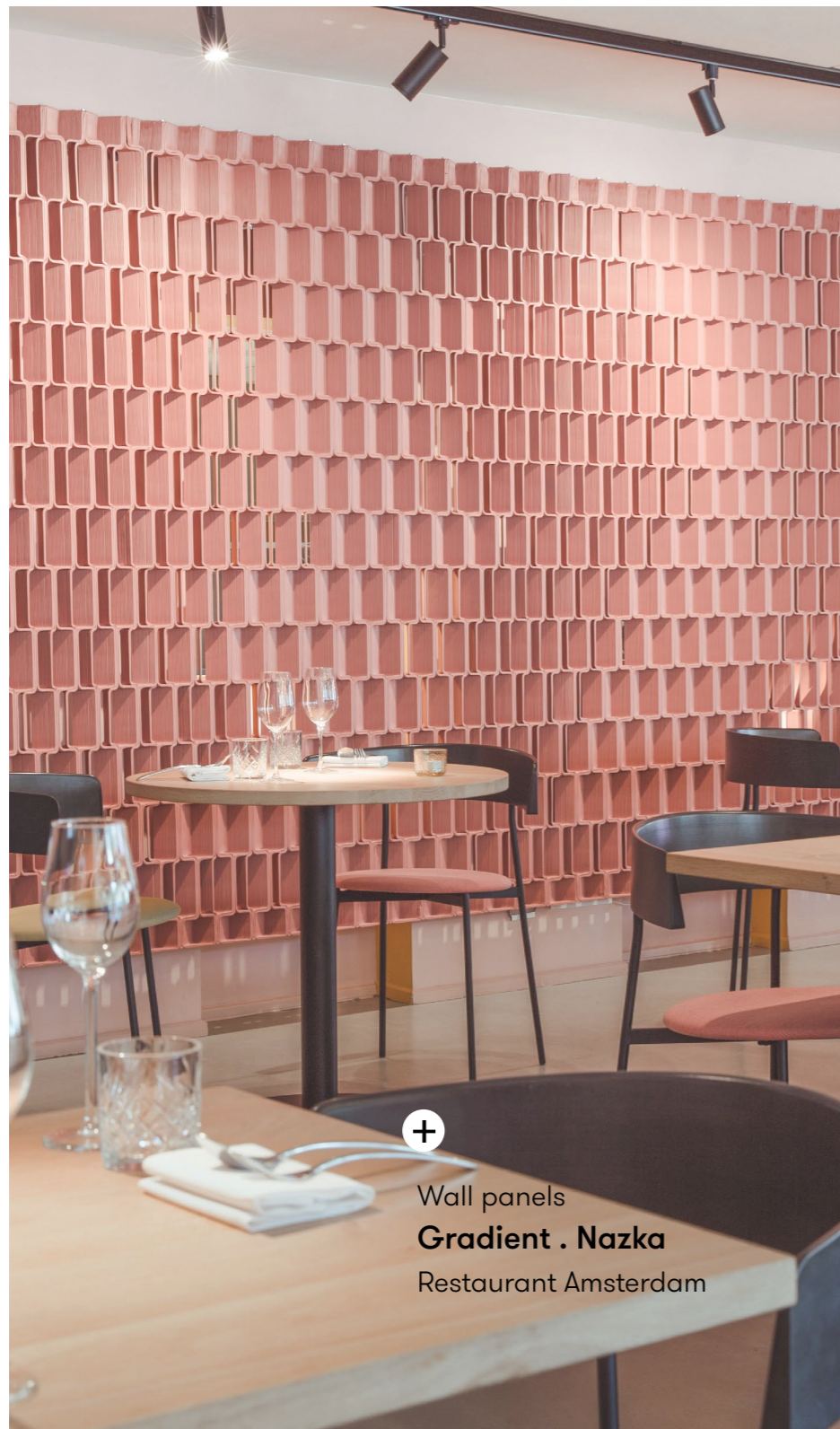




Window screen  
Gradient . Nazka system







Wall panels  
**Gradient . Nazka**  
Restaurant Amsterdam



Window covering  
**Gradient . Nazka**  
#102

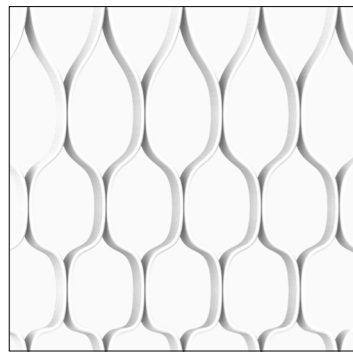


# Mesh .

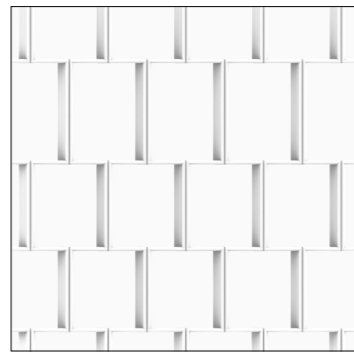
Partition screens, Window coverings

The Mesh . system consists of highly graphic, thin hanging partition screens with patterns that can change in size & shape. Configure the direction of the shape to create more dense or more open patterns. Use the system as a spatial solution to guide routing and atmosphere. The system is scalable to any area and available in your color of choice.

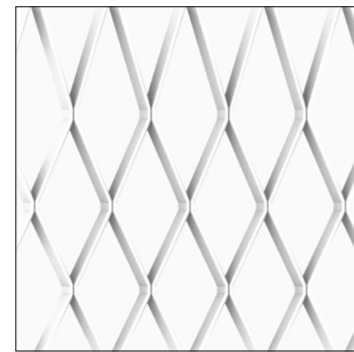
## Product line



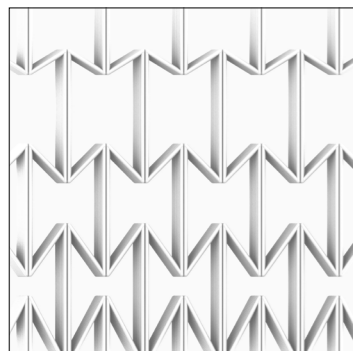
Curve



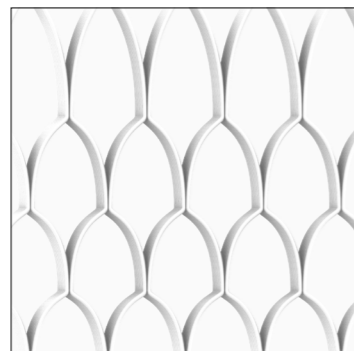
Brick



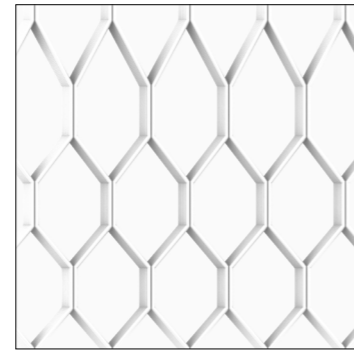
Diamond



Butterfly



Scallop



Hexagon



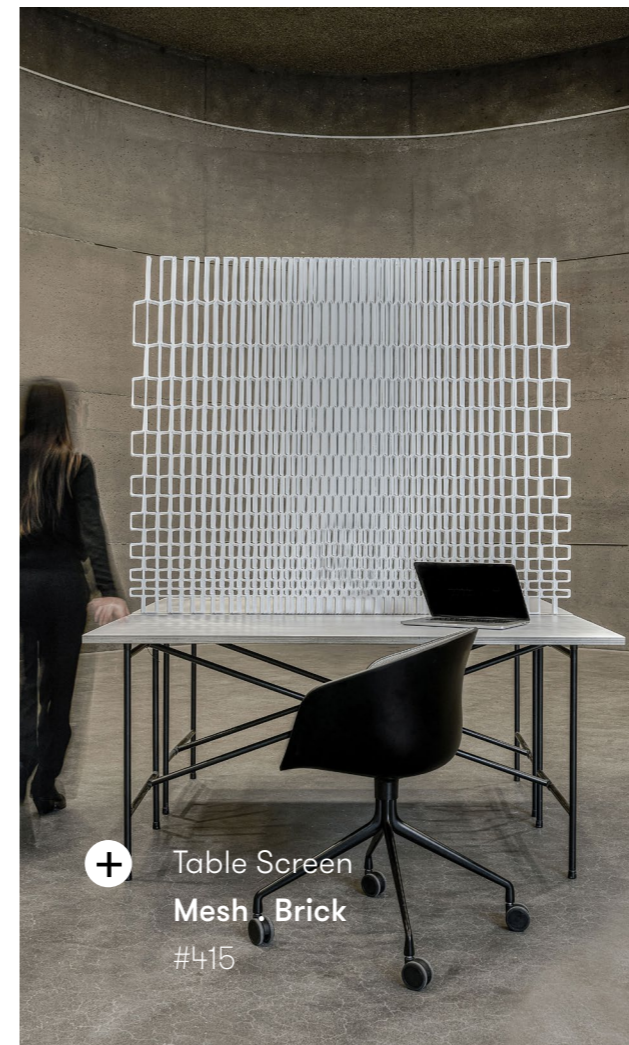




+ Partition screen  
Mesh . Curve  
#023



+ Partition screens  
Mesh . Curve system



+ Table Screen  
Mesh . Brick  
#415



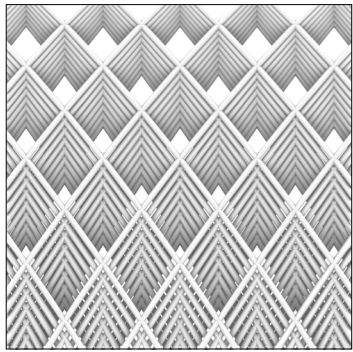


# Crochet .

Partition screens, Wall panels

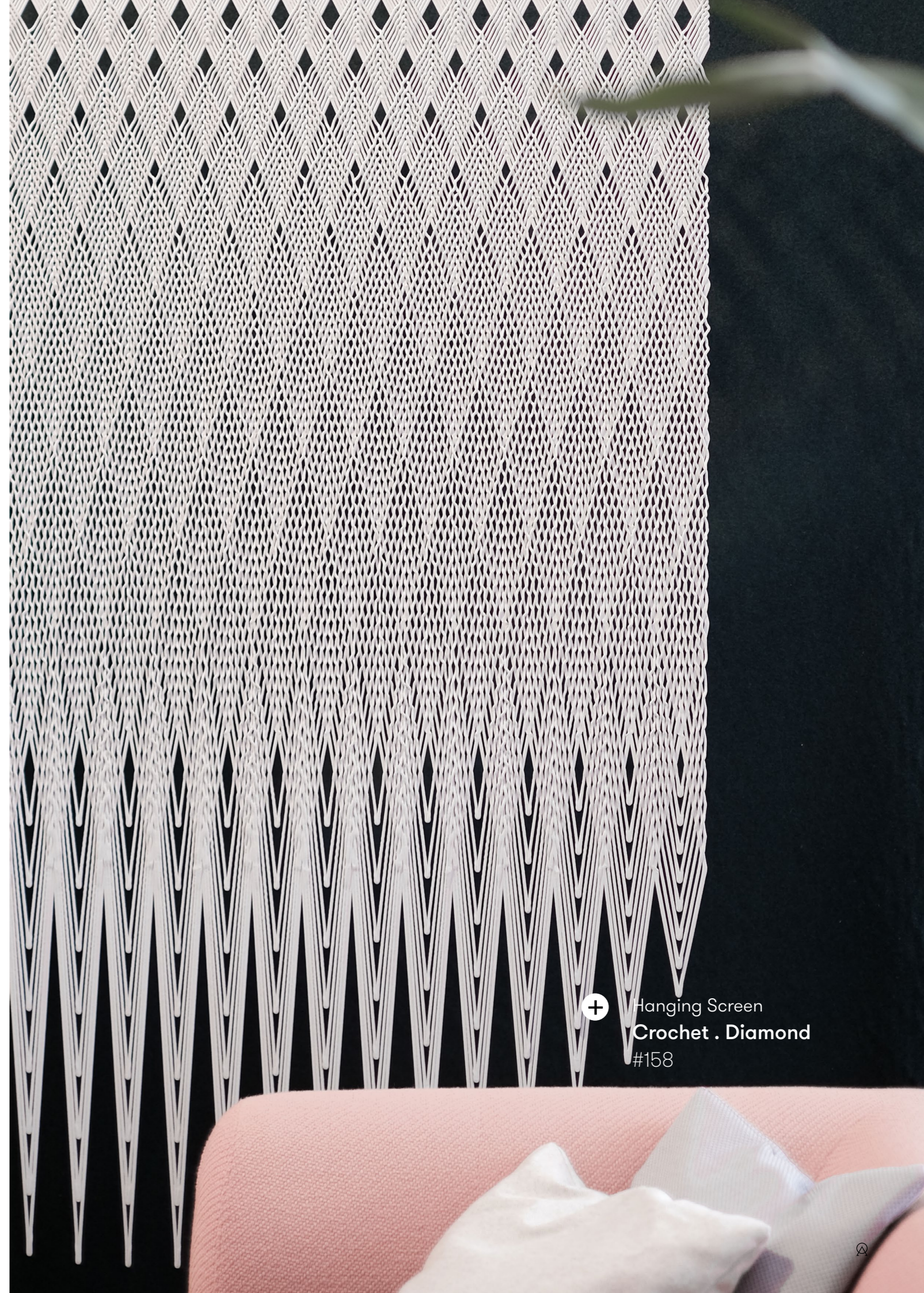
The notion of 'architectural intimacy' inspired the design of the Crochet . system . The 3D printing technique is applied in such a way that an almost crocheted effect appears, creating a tactile and flexible structural fabric. The system brings a high level of privacy and is perfect for creating intimate settings in a larger space or enhancing atmosphere as unique wall paneling.

## Product line



Diamond

[+ www.aectual.com/systems/crochet-diamond](http://www.aectual.com/systems/crochet-diamond)

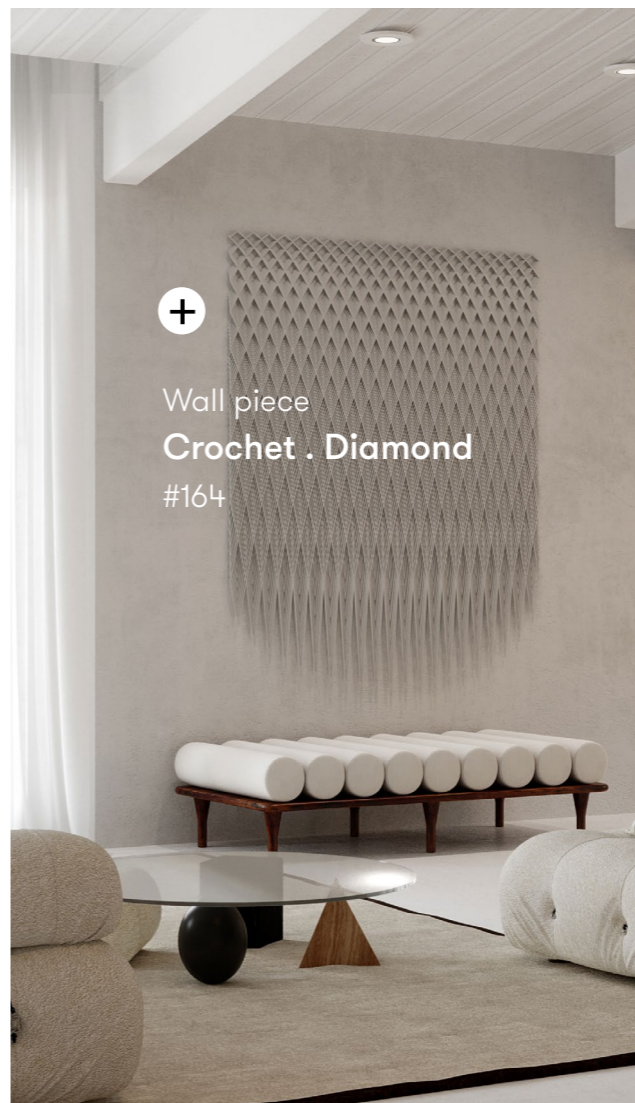


+ Hanging Screen  
**Crochet . Diamond**  
#158

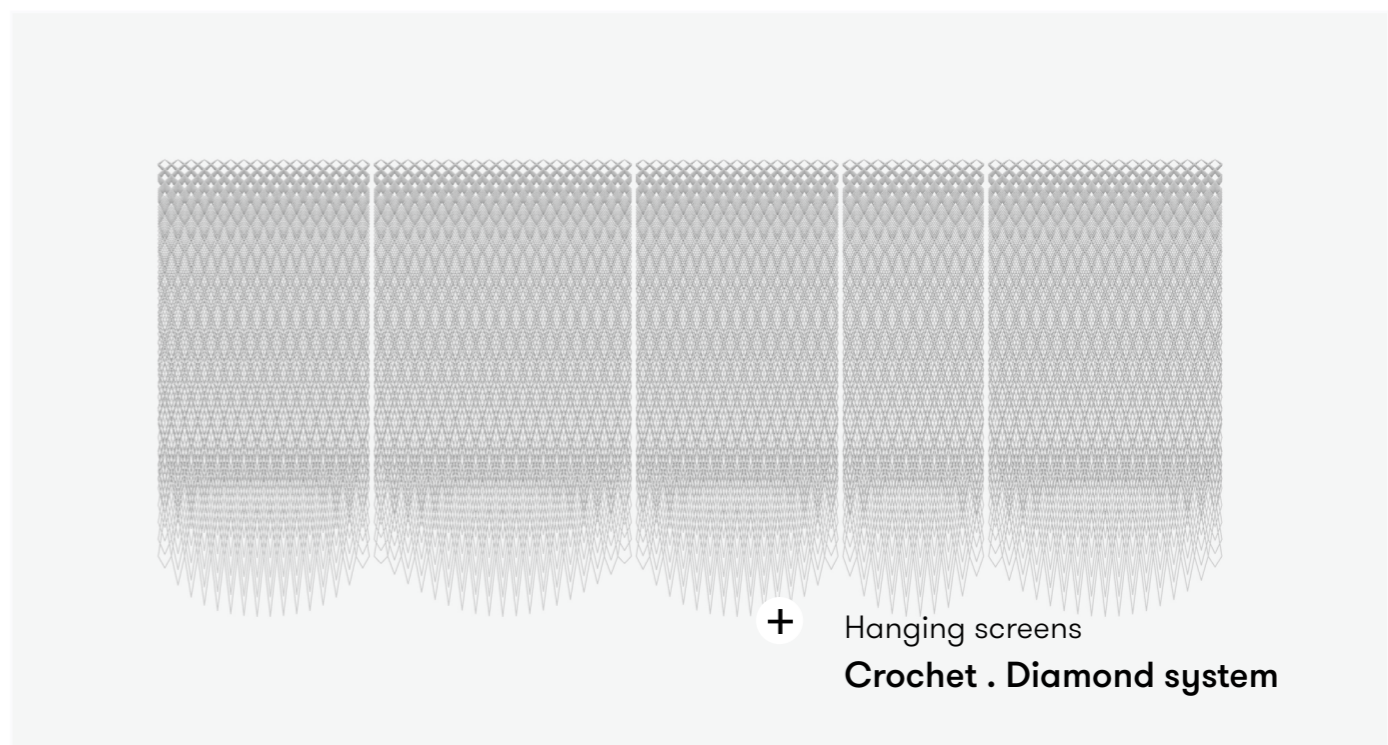
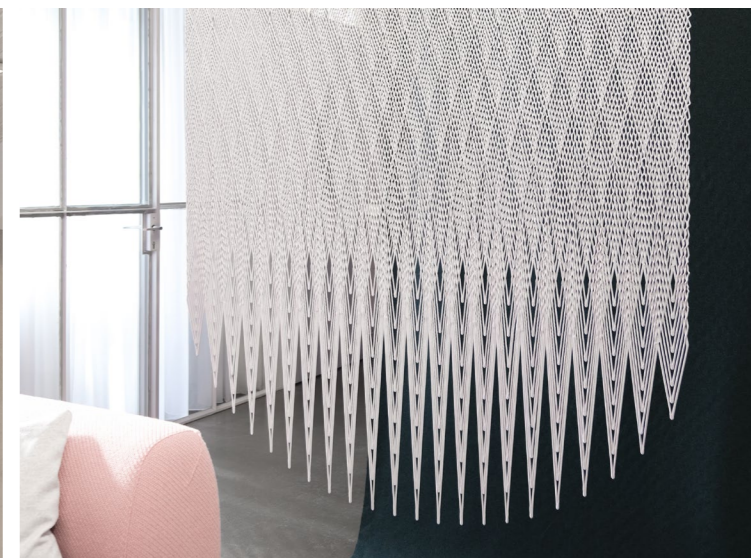




+ Hanging screens  
Crochet . Diamond  
#102



+ Wall piece  
Crochet . Diamond  
#164



+ Hanging screens  
Crochet . Diamond system



# Freeline .

Partition screens

With this screen system you can create unique graphics in 3D. It brings endless design opportunities to integrate storytelling in your interior design or event. Create custom pattern, logo's, pictograms, or create bespoke wayfinding for optimal routing.

## Product line



Design your own pattern

[+ www.aectual.com/systems/freeline-tube](http://www.aectual.com/systems/freeline-tube)



**+** Divider screens  
**Freeline . by Aectual Studio**  
For Dutch Consulate SF & CES



+

Divider screens  
**Freeline . by Aectual Studio**  
For Dutch Consulate SF & CES







+ Wall panel  
**Wrap . Cannelure system**  
Integrated shelf solution

+ Furniture panels  
**Wrap . Halfpipe system**

# Wall panel solutions

## Acoustic diffusion

Products: Soundwave

## Sound absorption

Products: Weave, Origami

## Double curved

Products: Origami

## Decorative

Products: Wrap

## Shelving

Products: Wrap

+ [www.aectual.com/wallpanels](http://www.aectual.com/wallpanels)

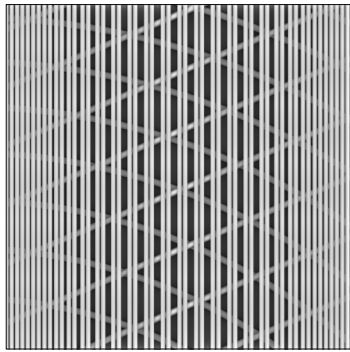


# Weave .

Screens, Wall panels, Furniture panels, Acoustic, Temporary Facades

The Weave . system combines the speed and strength of 3D printing with the art of weaving, resulting in flexible and versatile panels with a woven texture that bring depth to any space. They are built up from three overlaying juxtaposed 3D printed patterns, that you can customize yourself. Add our acoustically performative felt made from recycled PET for additional acoustical optimization. Scalable to every size of space and available in your color of choice.

## Product line



Moiré

+ [www.aectual.com/systems/weave-moire](http://www.aectual.com/systems/weave-moire)



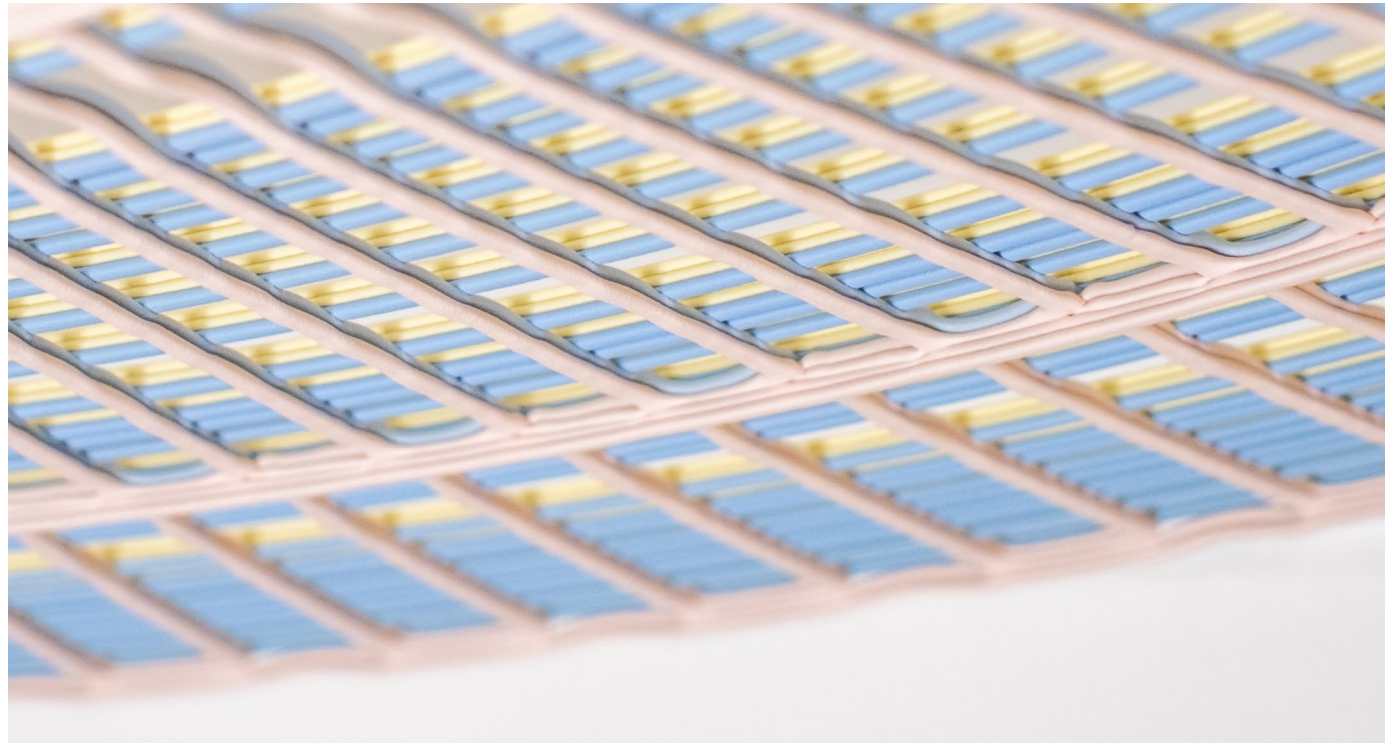
+ Wall panel solution  
**Weave . by Nike**  
Nike Town London



+ Wall panels  
Weave . Moiré system

+ Hanging screen  
Pixel . Brick  
#803

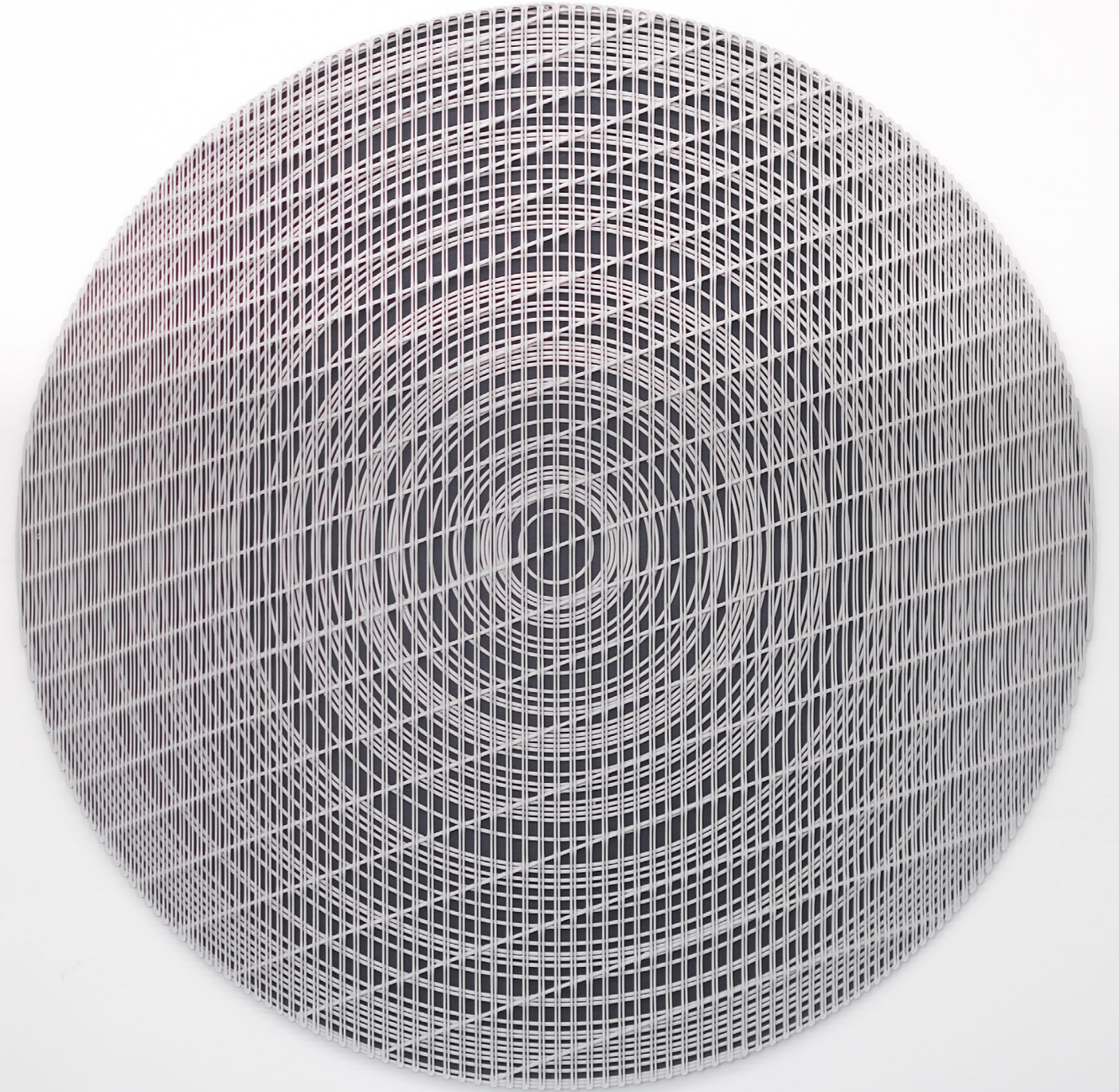




+ Ceiling panels  
**Weave . by Zecc Architects**  
Dutch Parliament



+ Wall panels  
**Weave . Moiré system**



+ Acoustic wall piece  
**Weave . Moiré**  
#898







+ Temporary facade & ceiling panels  
**Weave . by Zecc Architects**  
Dutch Parliament





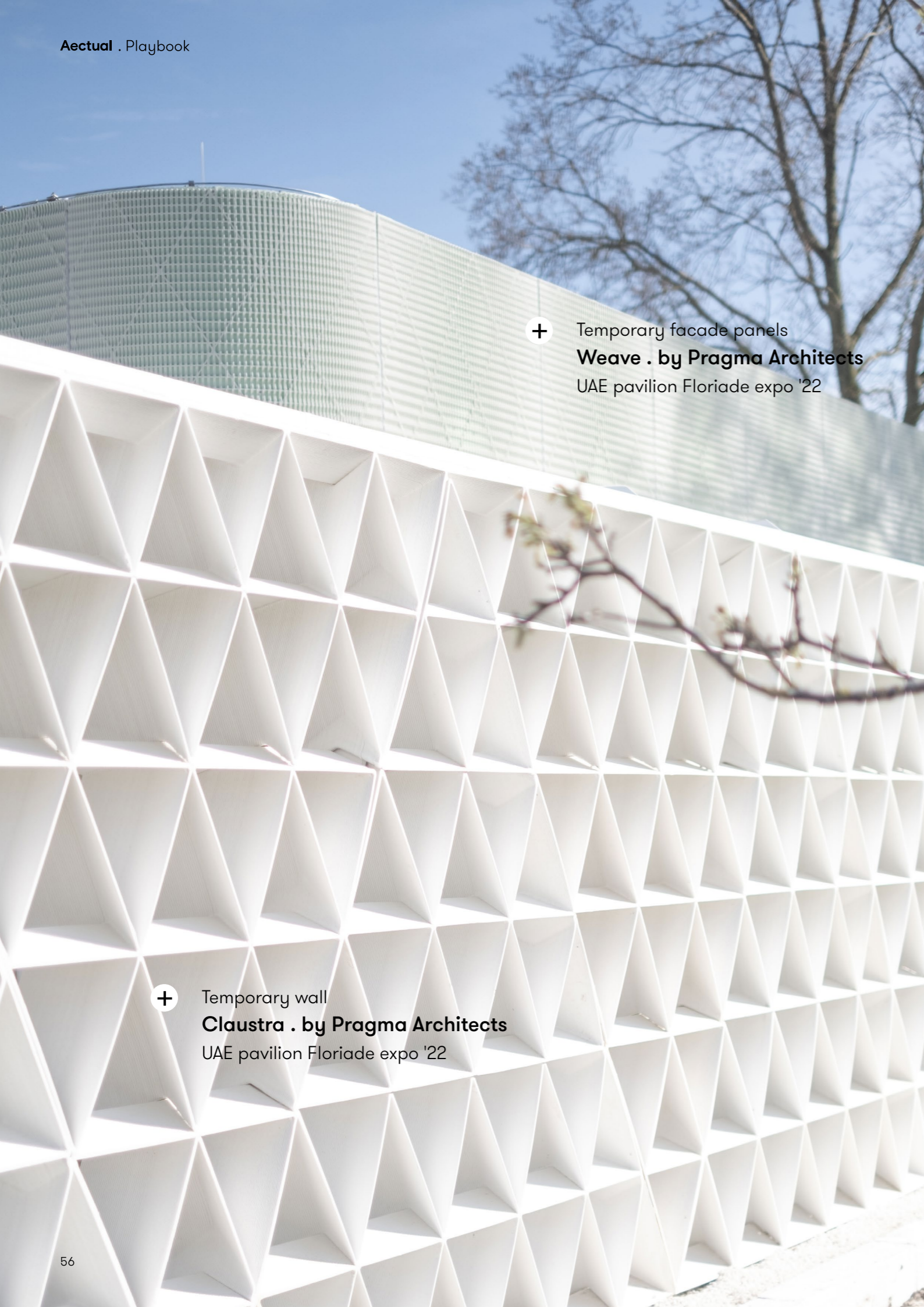
NIKE FLYKNIT

+ Wall panels  
Weave . by Nike  
Nike Town London

← FITTING







+ Temporary facade panels  
**Weave . by Pragma Architects**  
UAE pavilion Floriade expo '22

+ Temporary wall  
**Claustra . by Pragma Architects**  
UAE pavilion Floriade expo '22



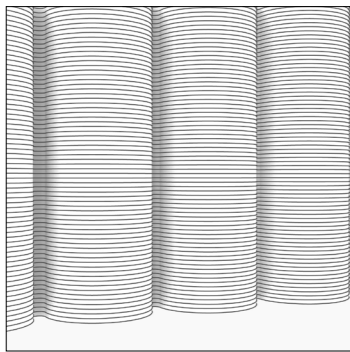


# Wrap .

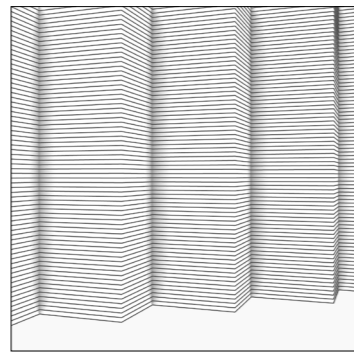
Window panels, Column Coverings, Furniture object, Temporary facades

The Wrap . system allows you to fully shape wall panels to your functional and aesthetic needs. You can 'wrap' interiors and objects to create a totally bespoke finish. Benefit from the freedom of form and integrate functions such as seating, shelving and product displays, into one wall element. Easy to adapt to every size of space and available in your color of choice.

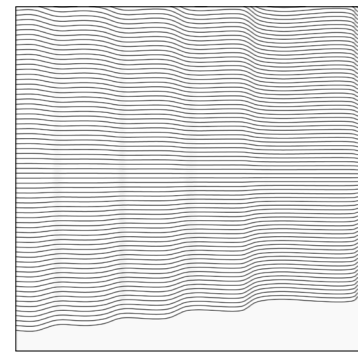
## Products line



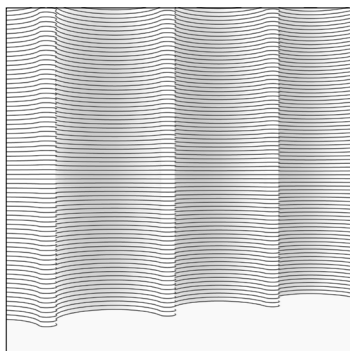
Halfpipe



Pleat

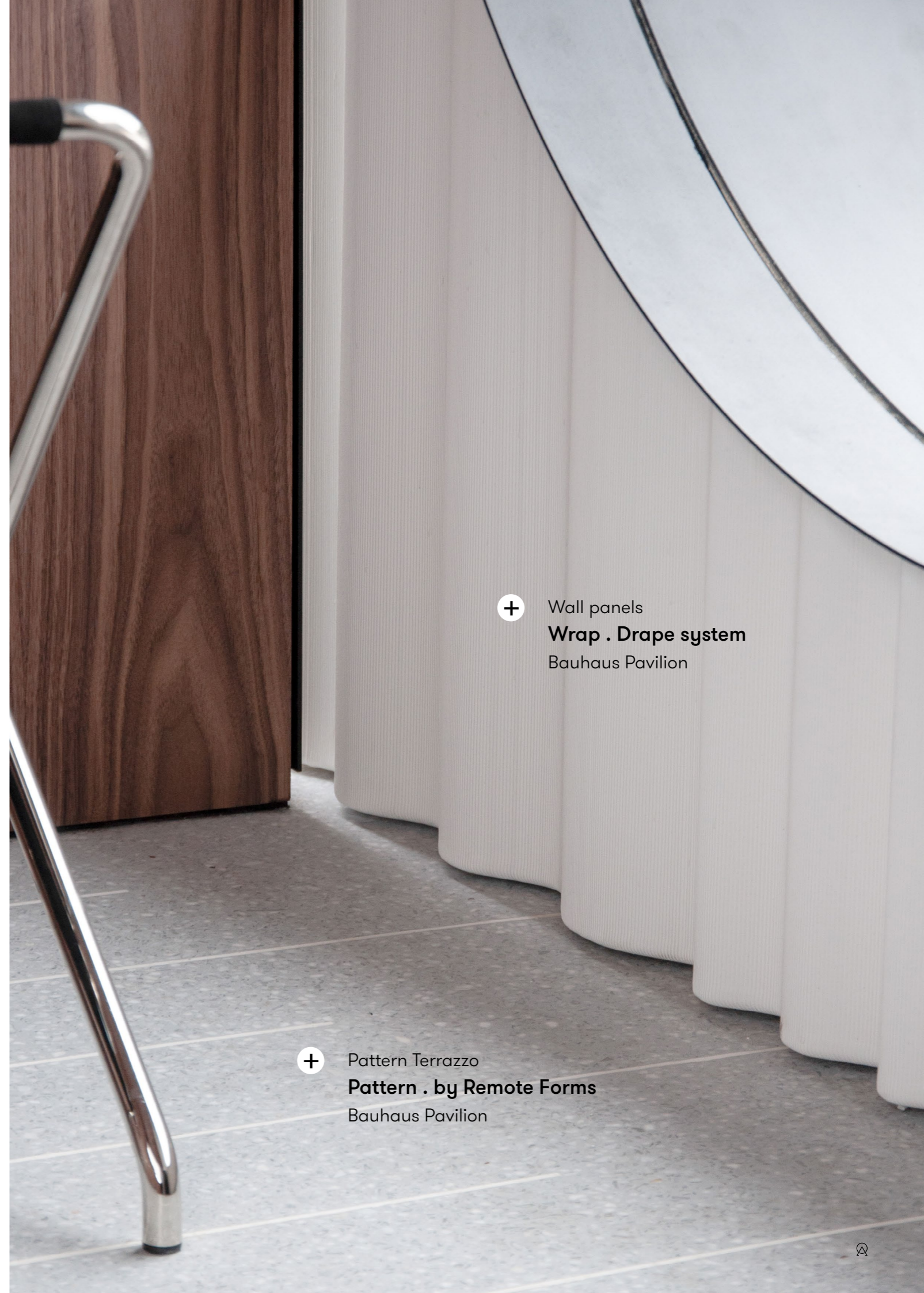


Drape



Canelure

+ [www.aectual.com/systems/wrap-canelure](http://www.aectual.com/systems/wrap-canelure)



+ Wall panels  
**Wrap . Drape system**  
Bauhaus Pavilion

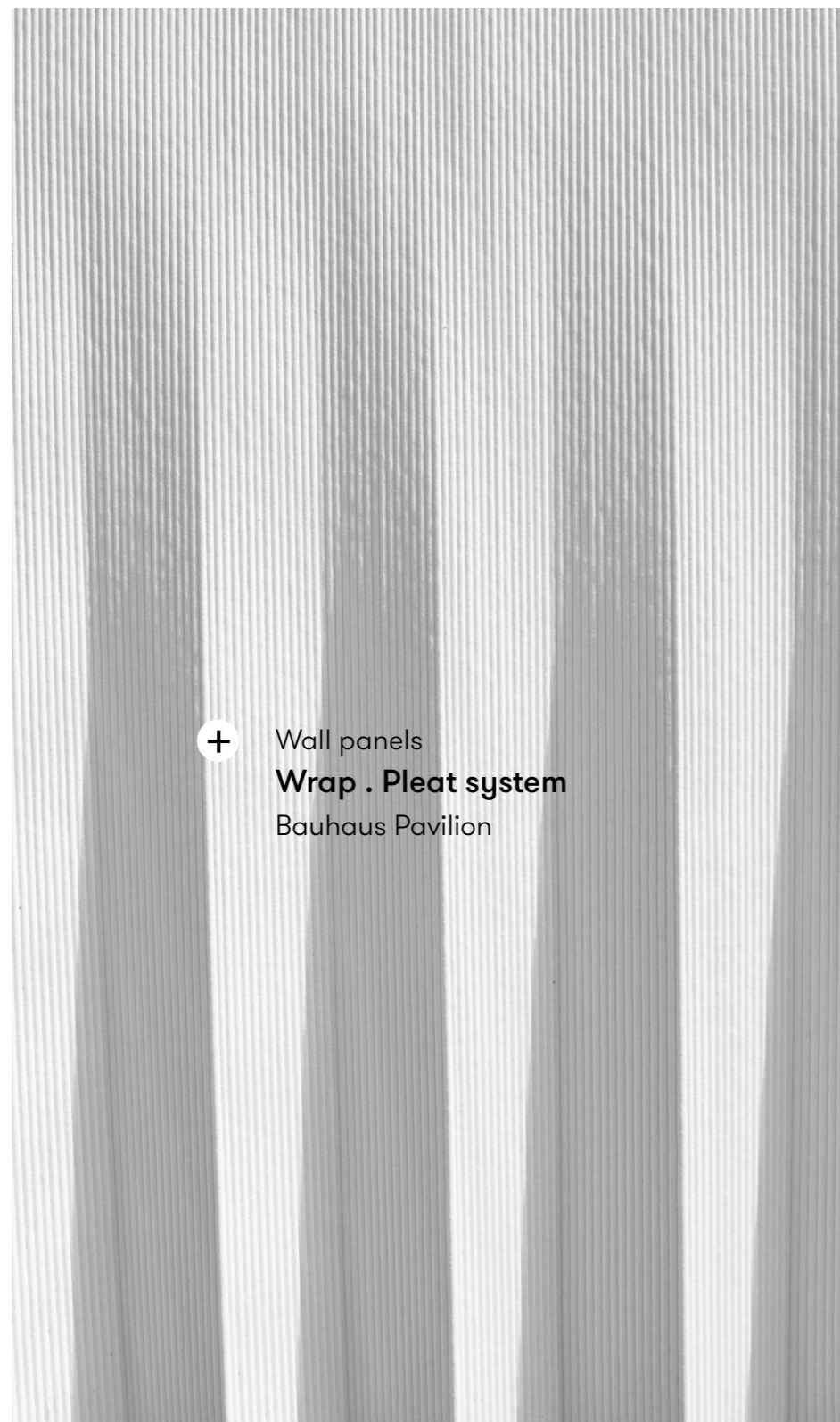
+ Pattern Terrazzo  
**Pattern . by Remote Forms**  
Bauhaus Pavilion





+ Wall panels  
Wrap . Halfpipe system





+ Wall panels  
**Wrap . Pleat system**  
Bauhaus Pavilion



+ Wall panels  
**Wrap . Drape system**  
Bauhaus Pavilion





+ Wall panels  
**Wrap . Cannelure system**



+ Planter  
**Wrap . Cannelure**  
#1340

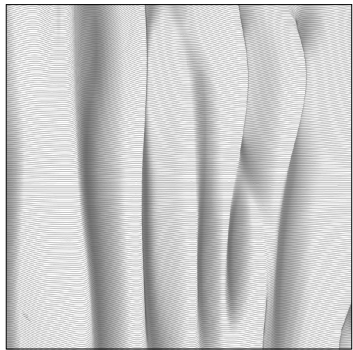


# Soundwave .

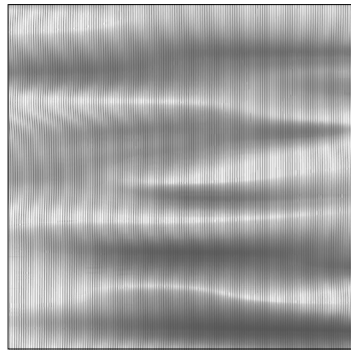
Wall panels, Acoustic, Furniture object

The wave-shapes of the Soundwave . system are generated specifically to create optimal acoustic diffusion in your space. The acoustic diffusion panels enhance speaker intelligibility by reducing echoes and hard specular reflections to create a pleasant acoustic living and working environment. Use as a fully tailored wall covering, combine with even panels, or use as individual eye catcher.

## Product line

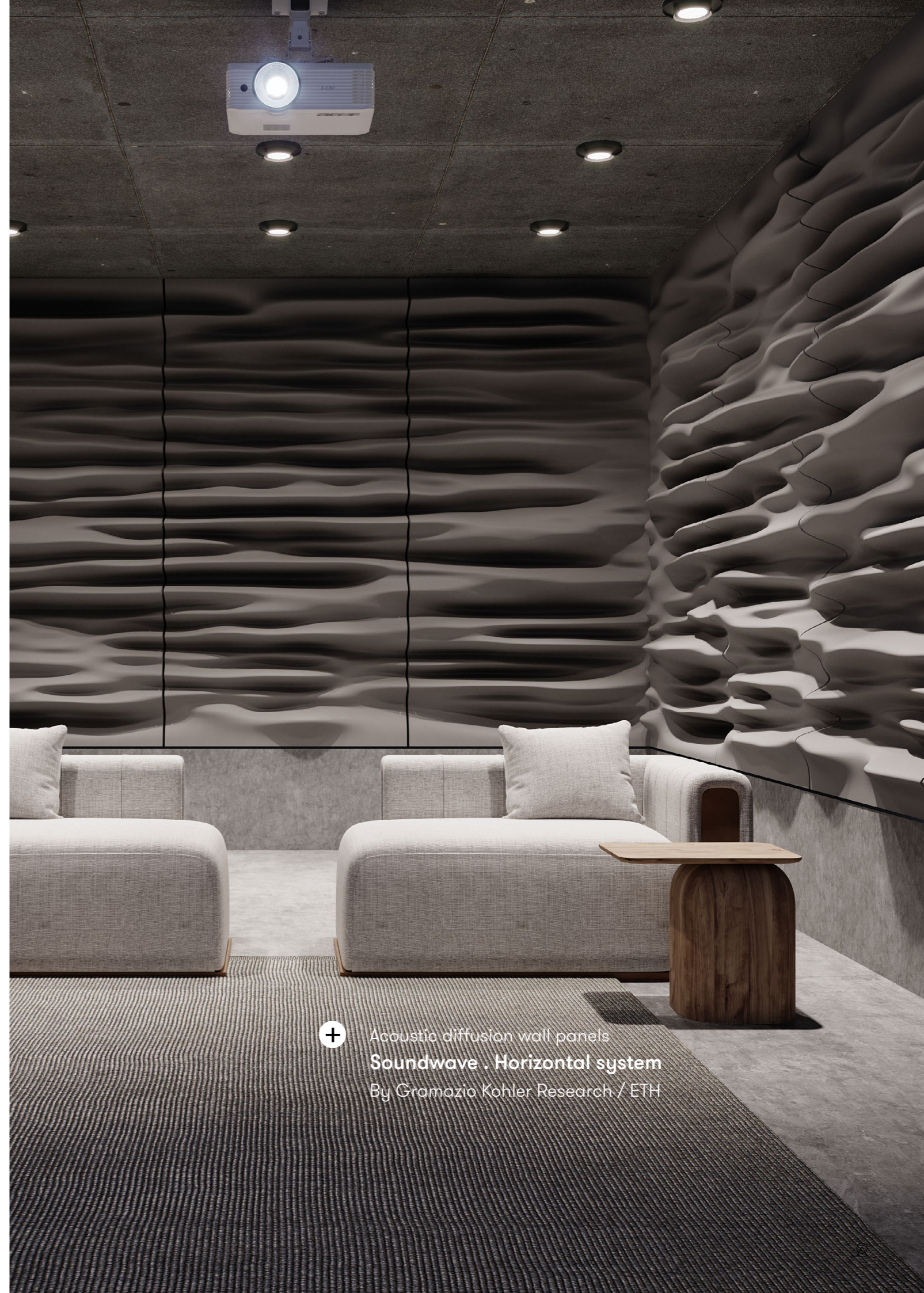


Vertical



Horizontal

[+ www.aectual.com/systems/soundwave-horizontal](http://www.aectual.com/systems/soundwave-horizontal)



+ Acoustic diffusion wall panels  
**Soundwave . Horizontal system**  
By Gramazio Kohler Research / ETH

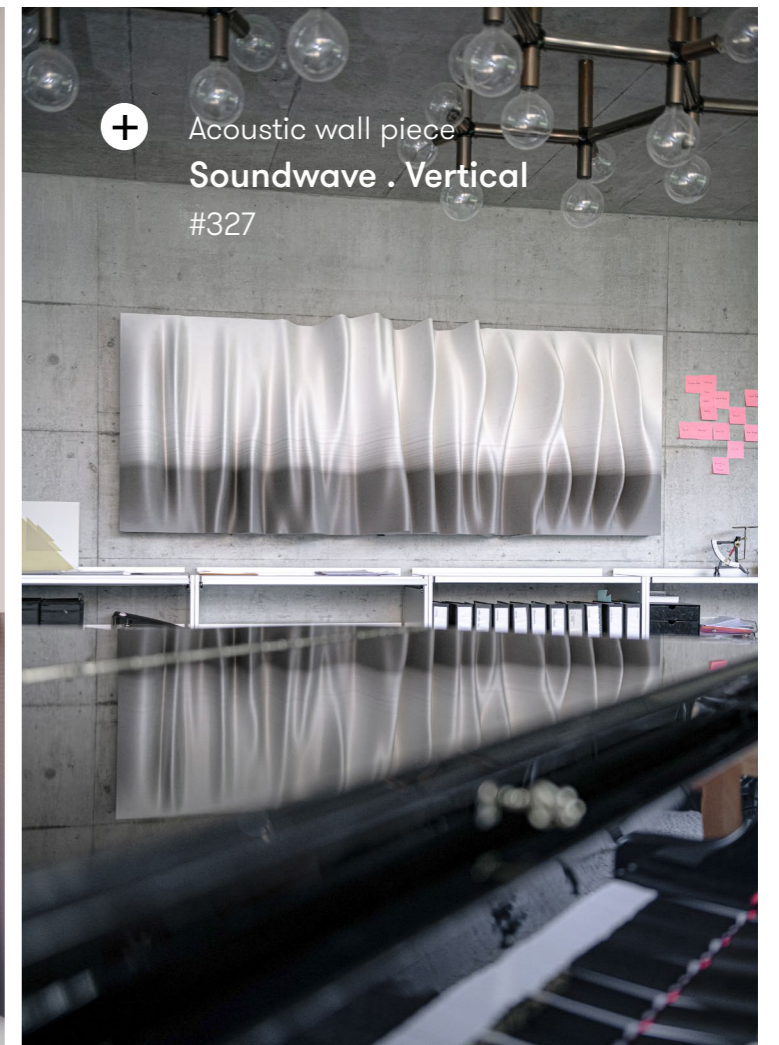
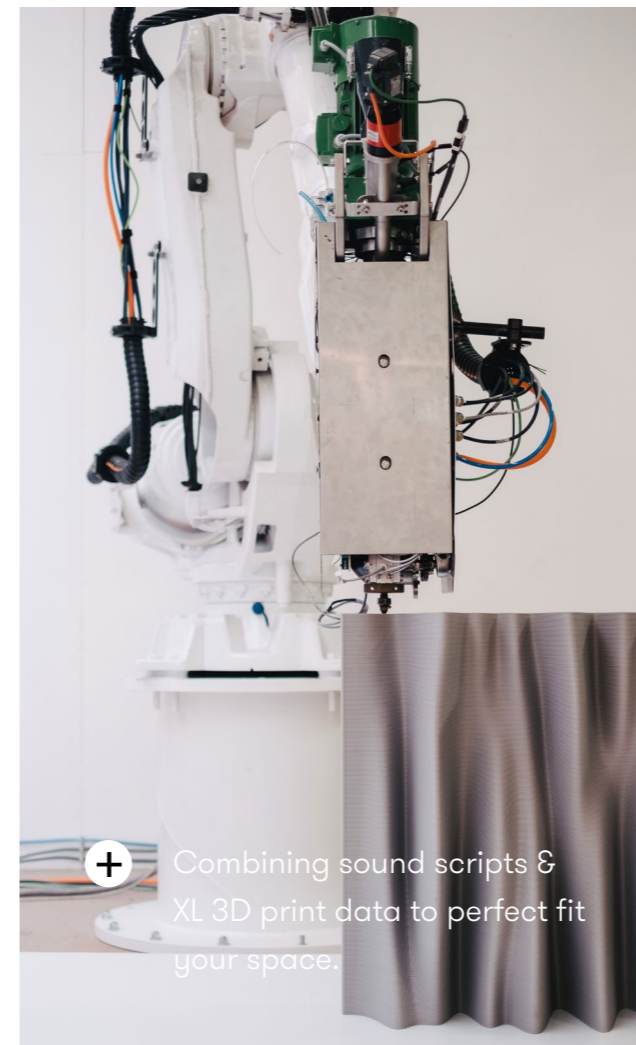


+

Acoustic diffusion wall panels  
**Soundwave . Horizontal system**  
Soundlab, ETH Zurich











+ Acoustic panels  
Weave . Moiré system

+ Acoustic diffusion wall panels  
Soundwave . Horizontal system

+ Flooring  
Pattern Terrazzo . Durabella system  
with recycled glass

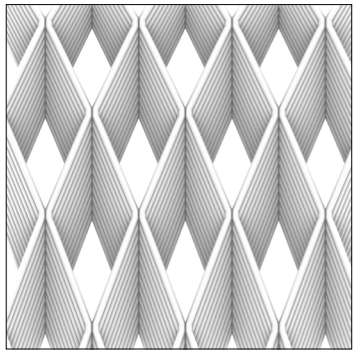


# Origami .

Wall panels, Acoustic, Furniture object

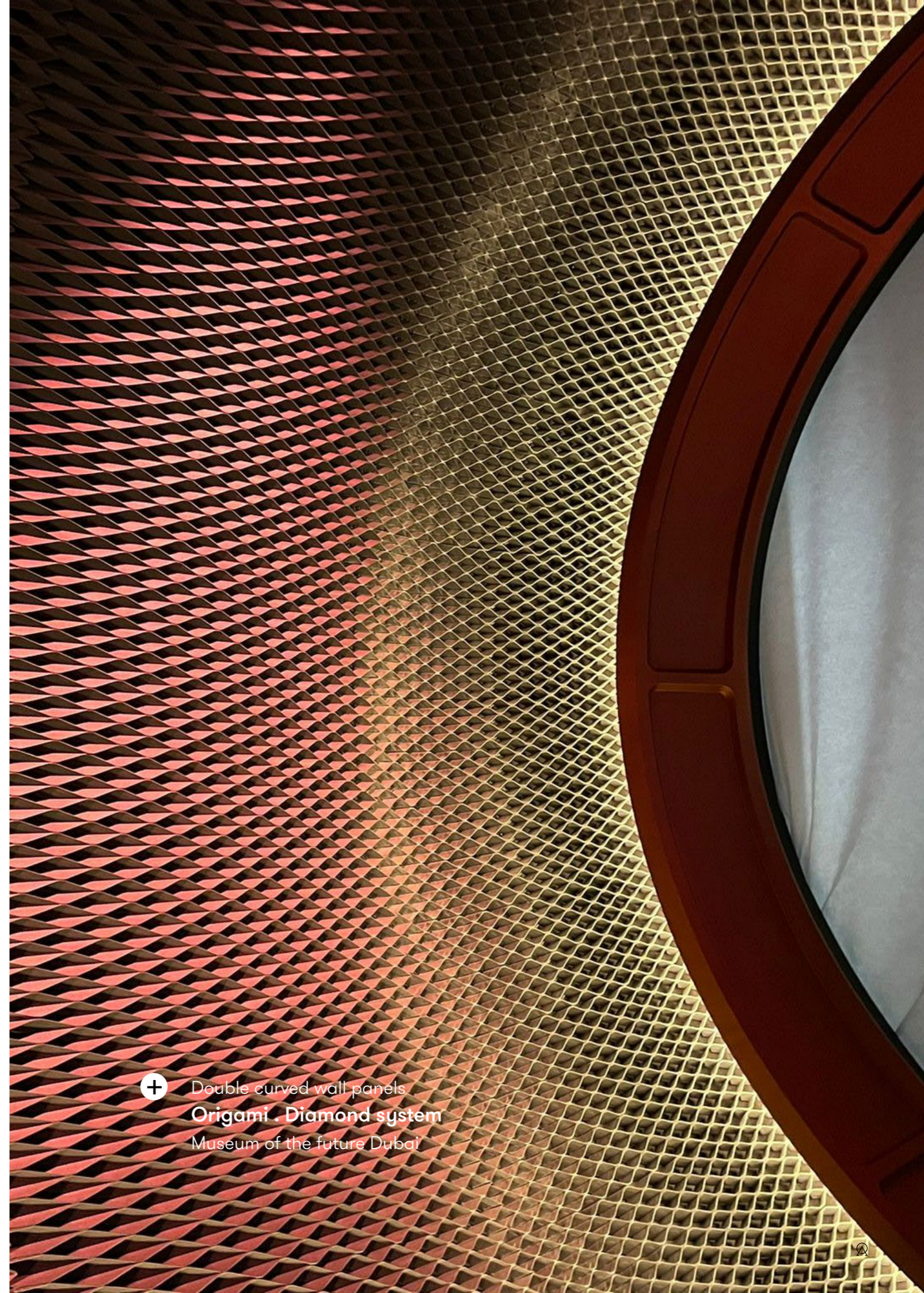
The panels of the Origami . system can bend in two directions, making them a perfect solution to clad curved or even double-curved surfaces. The semi-open panels are built up from flexible folds that are semi-open. Add our acoustically performative felt made from recycled PET for additional acoustical optimization. Use it as wall or furniture cladding and scale it to the exact dimensions of your space.

## Products



Diamond

+ [www.aectual.com/systems/origami-diamond](http://www.aectual.com/systems/origami-diamond)



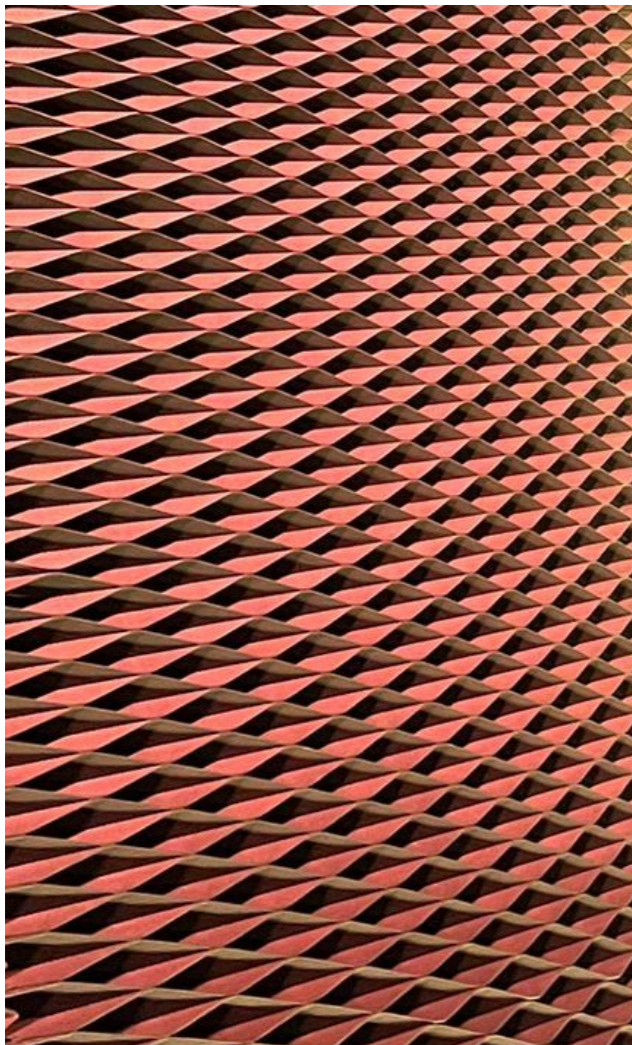
+ Double curved wall panels  
**Origami . Diamond system**  
Museum of the future Dubai



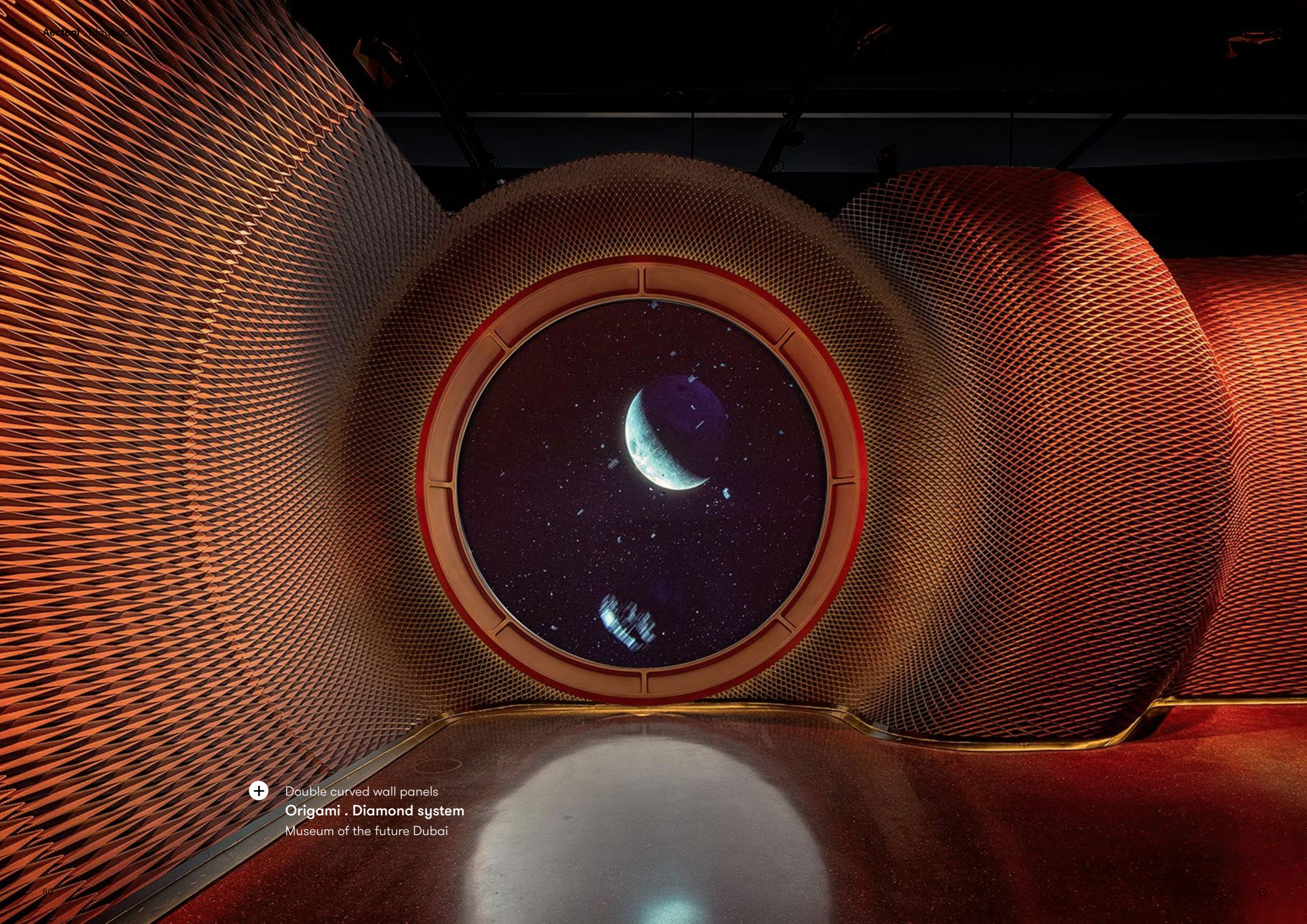
+ Wall panels  
Origami . Diamond system

+ Furniture panels  
Origami . Diamond system









Double curved wall panels  
**Origami . Diamond system**  
Museum of the future Dubai

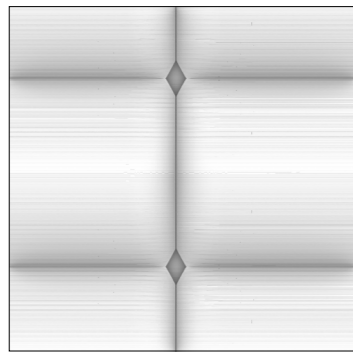


# Block .

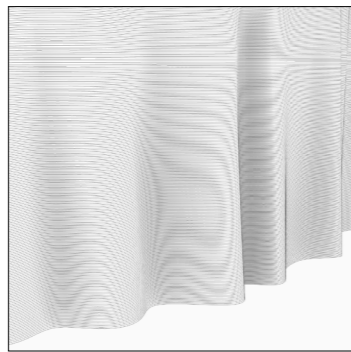
Wall panels, Furniture object

The Block . system is a versatile wall solution that can be used as a free-standing partition wall as well as a cladding panel. Its soft forms optimize acoustics and make a fun contrast with its solid surface. Use it to define enclosed meeting areas or as a statement freestanding divider. Customize to your required size and preferred color.

## Product line



Pillow



Drape

[+ www.aectual.com/systems/block-pillow](http://www.aectual.com/systems/block-pillow)



+ Pop up wall  
Block . Pillow system

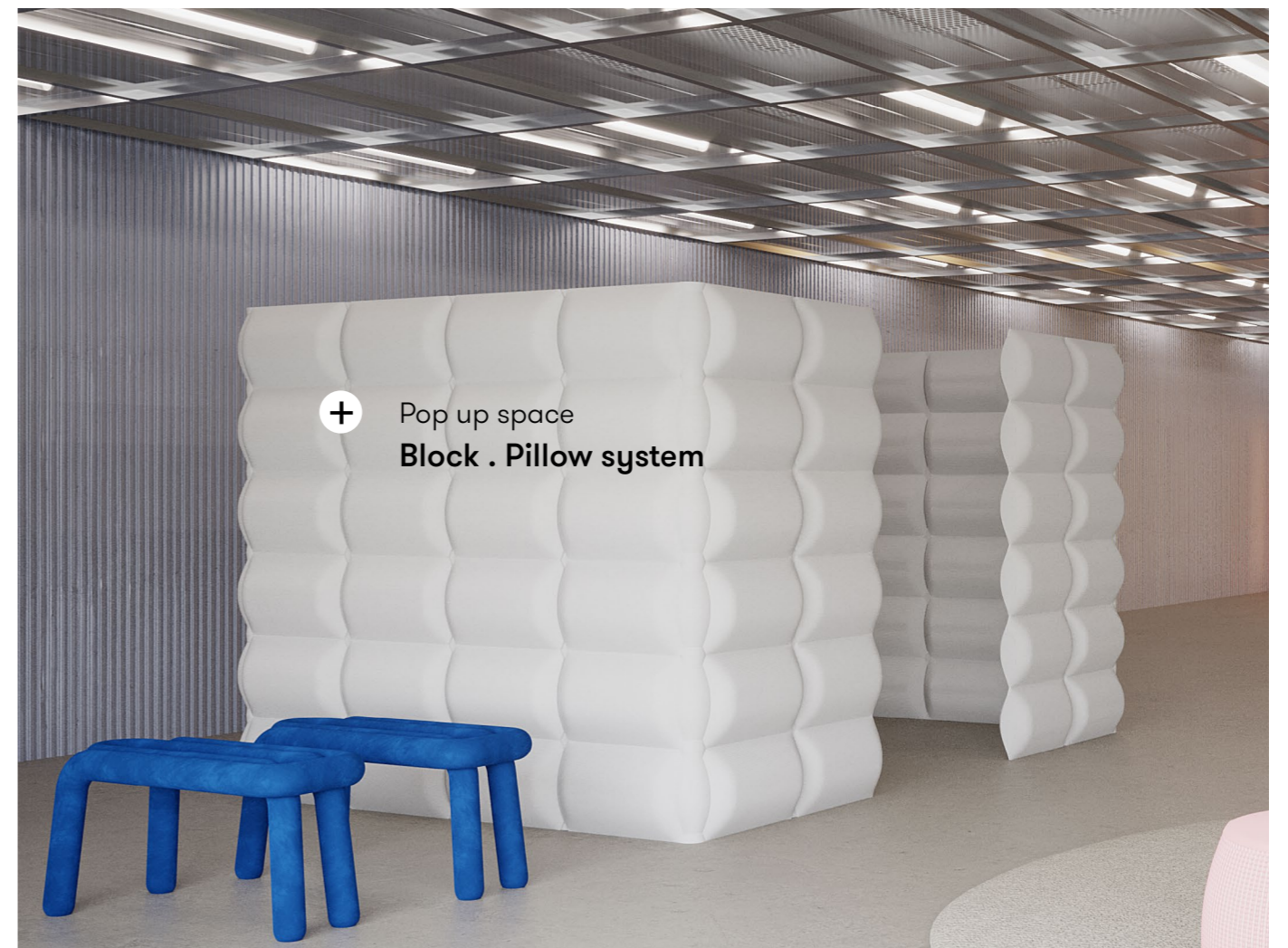
+ Object  
Puf Pouf





+ Pop up space  
Block . Drape system









+ Pop up space  
Block . Pillow system

+ Pop up wall  
Block . Pillow system

+ Object  
Puf Pouf

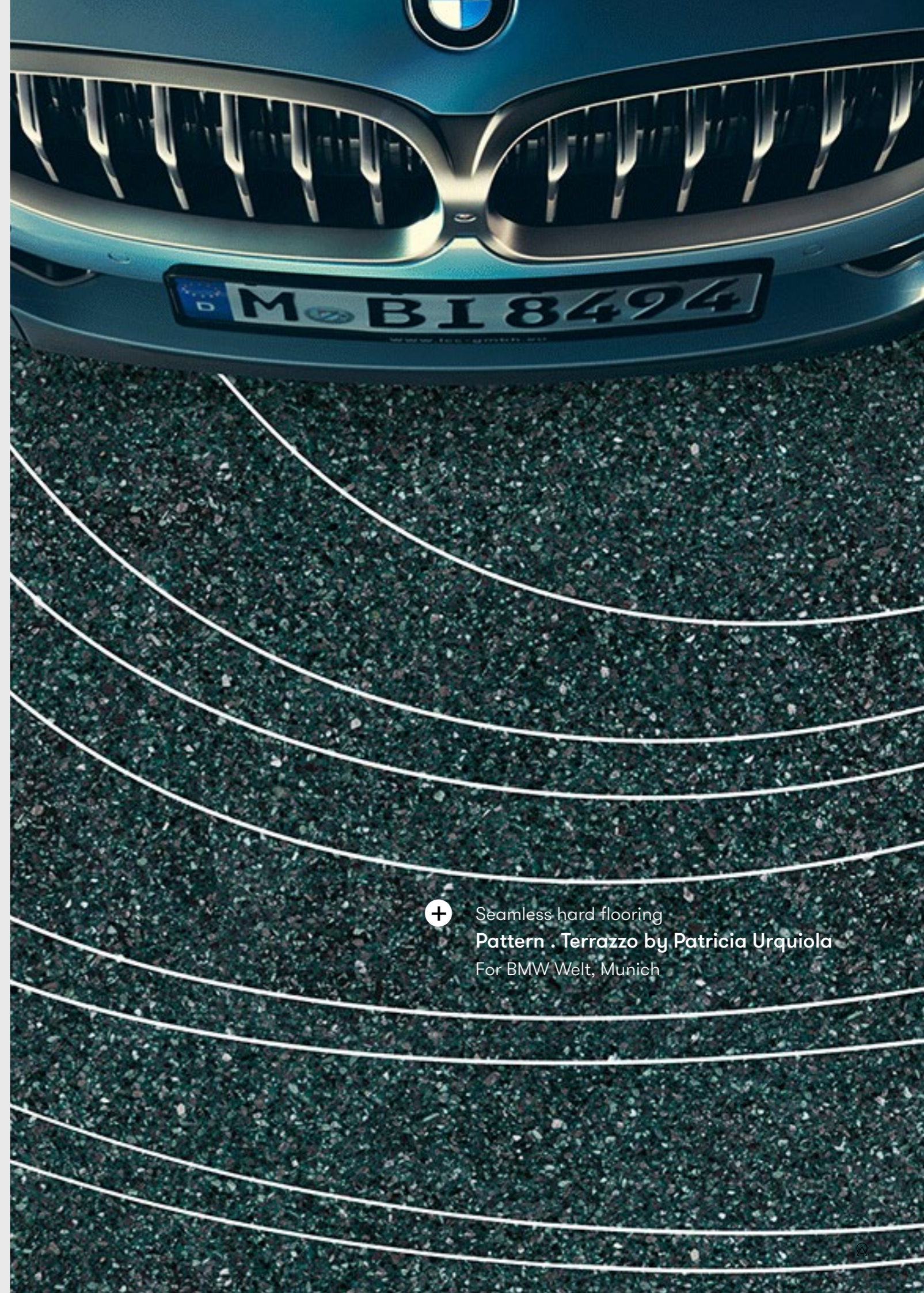


# Flooring Solutions

## Seamless hardfloor

Products: Pattern Terrazzo X Durabella

+ [www.aectual.com/systems/pattern-terrazzo](http://www.aectual.com/systems/pattern-terrazzo)



+ Seamless hard flooring  
**Pattern . Terrazzo by Patricia Urquiola**  
For BMW Welt, Munich



# Pattern Terrazzo X Durabella

Flooring, Wall panels

This indoor floor combines unique 3D printed patterns with a bio-based terrazzo infill, resulting in a seamless floor with your own unique pattern. It offers endless opportunities to integrate storytelling into your flooring design. The floor is poured on-site, has better acoustic performance and crack resistance than conventional cement-based terrazzo, and is carbon negative.

## Product line



Design your own pattern

[+ www.aectual.com/systems/pattern-terrazzo](https://www.aectual.com/systems/pattern-terrazzo)



+ Seamless hard flooring  
**Pattern . Terrazzo by Remote Forms**  
For Schiphol Airport Amsterdam



PROGRESSIVE LUXURY MEETS CREATIVE EXCELLENCE



+ Seamless hard flooring  
Pattern . Terrazzo by Patricia Urquiola  
For BMW Welt, Munich

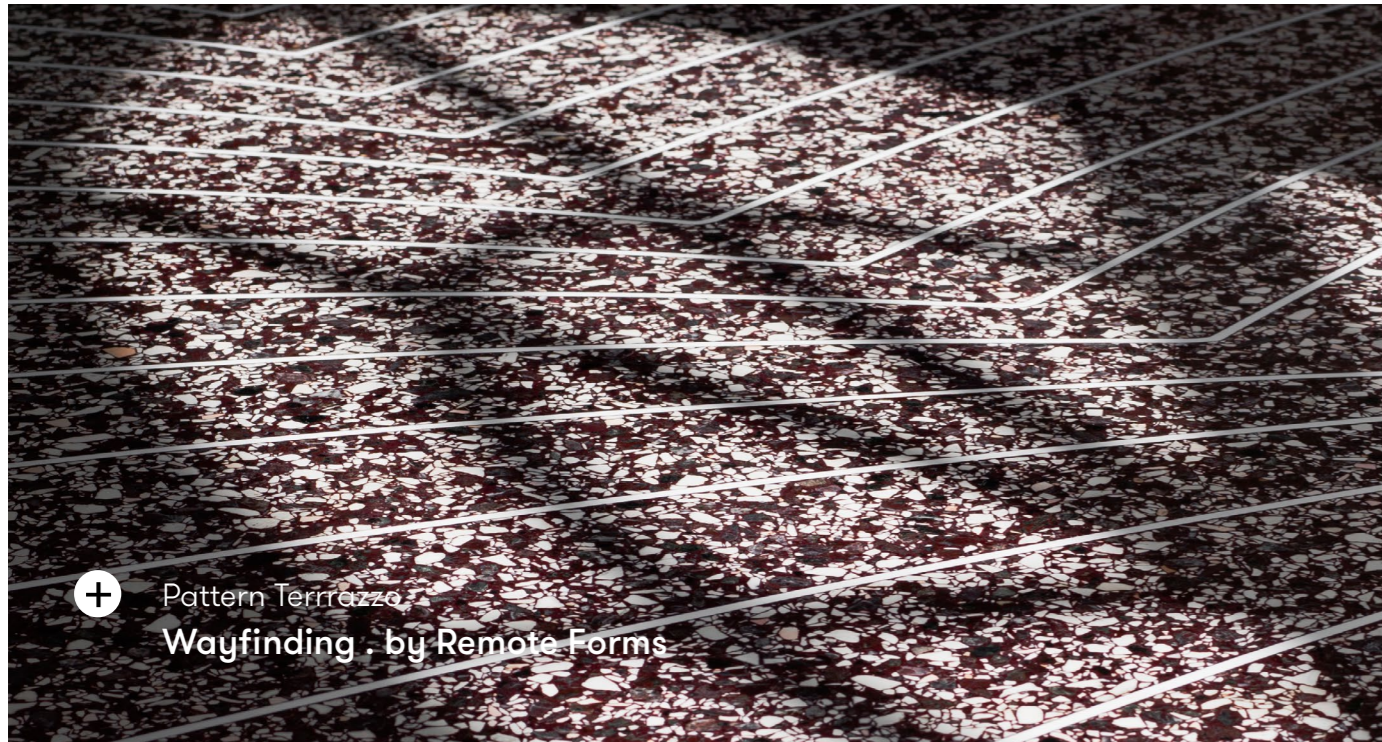


# Explore our color & infill collection

Mix & match the color of your pattern with the color of the terrazzo binder & aggregate to create a truly unique floor

+ [www.aectual.com/systems/pattern-terrazzo](http://www.aectual.com/systems/pattern-terrazzo)

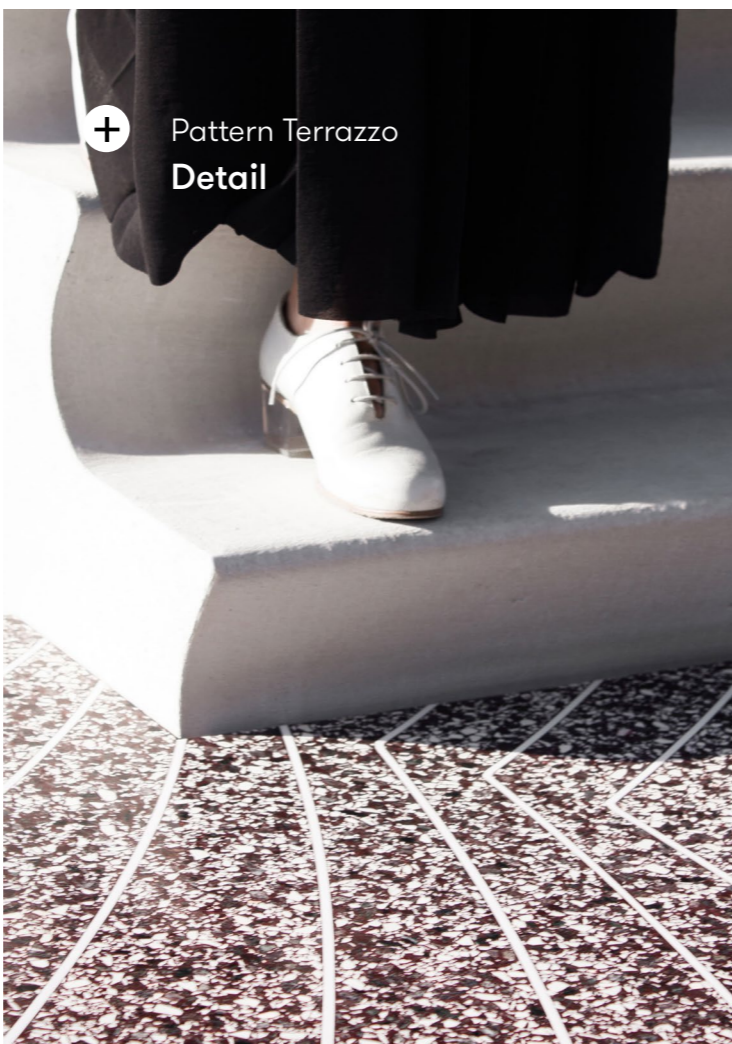




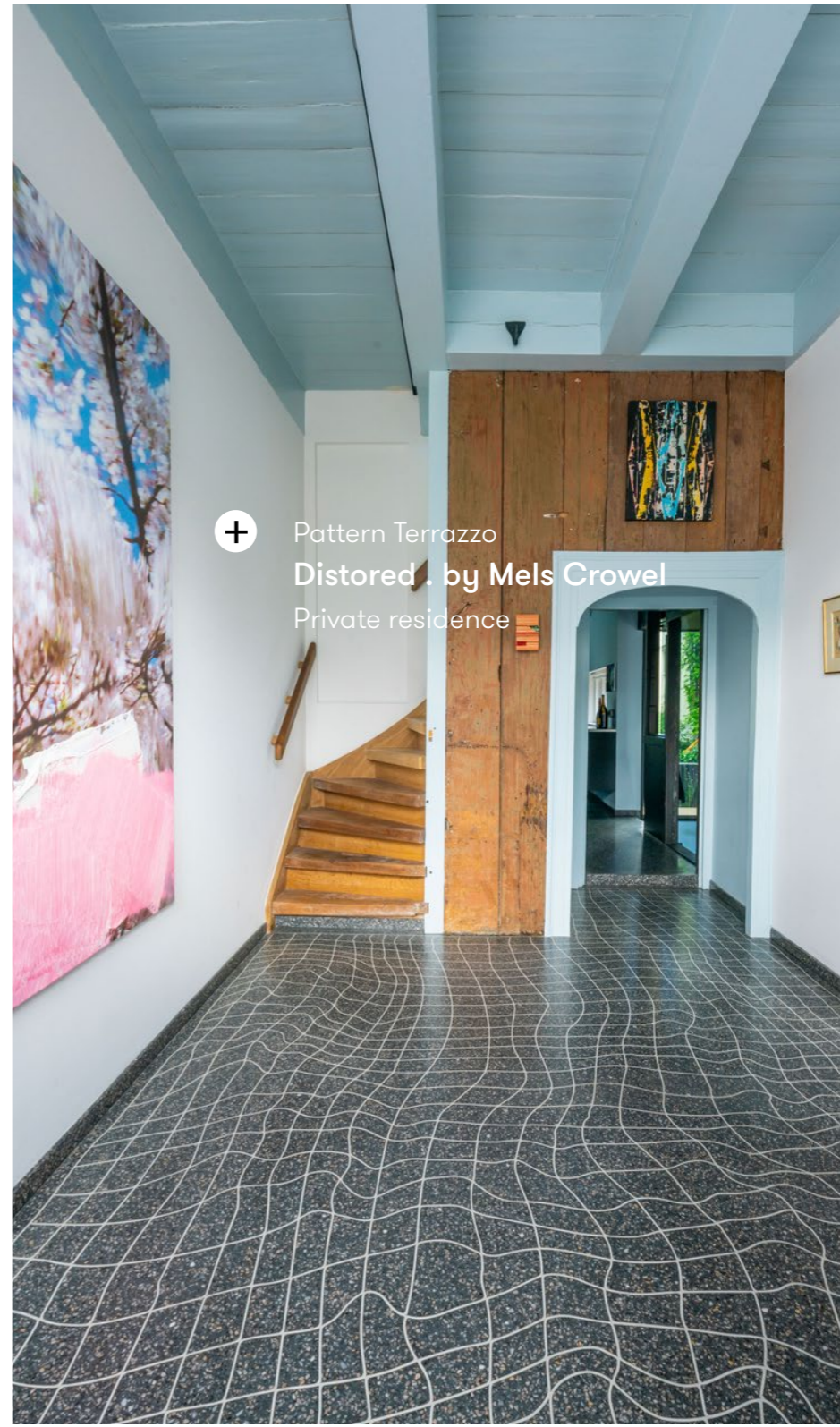
+ Pattern Terrazzo  
**Wayfinding** . by Remote Forms



+ Pattern Terrazzo  
**Japanese waves** .  
By Aectual Studio

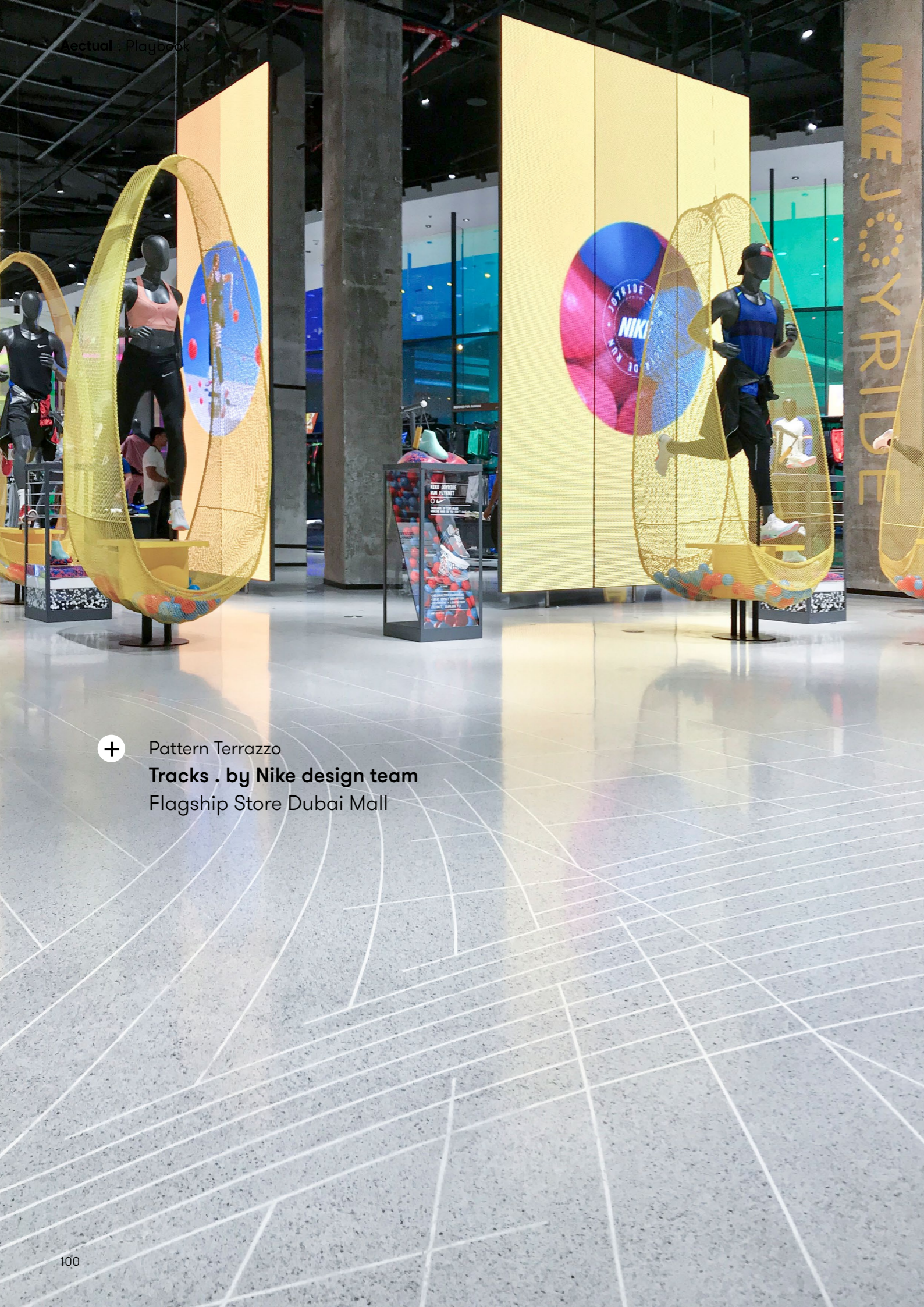


+ Pattern Terrazzo  
**Detail**



+ Pattern Terrazzo  
**Distored** . by Mels Crowel  
Private residence





+ Pattern Terrazzo  
**Tracks** . by Nike design team  
Flagship Store Dubai Mall



+ Pattern Terrazzo  
**Leafs** . by Remote Forms  
Schiphol Airport Amsterdam





Office Pod  
Pattern . Terrazzo by Zaha Hadid Architects  
For Tecno





+ Object  
Wrap . pleat  
Phonebooth

# Interior objects

## Planters

Products: Wrap

## Poofs

Products: Wrap

## Tables

Products: Wrap

## Office phonebooths

Products: Wrap

## Meeting rooms

Products: Wrap

+ [www.aectual.com/wallpanels](http://www.aectual.com/wallpanels)

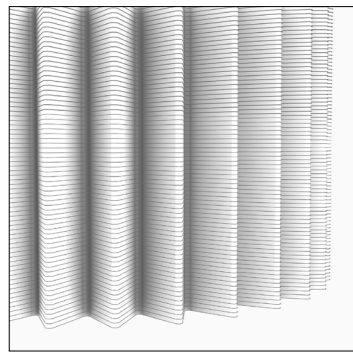


# Column Planters

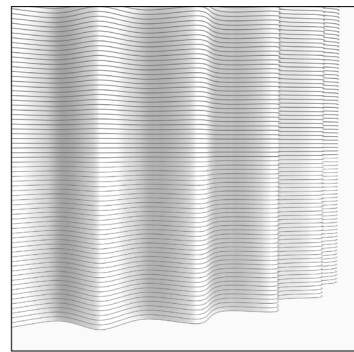
Interiors

Column Planters elevate every plant to become an iconic part of a space. Suddenly small plants can make a tree-like impression! Vary with several planters in height to create the perfect green addition to a space. Combine with our Wrap . system to match exactly with the textures of your walls.

## Products



Pleat



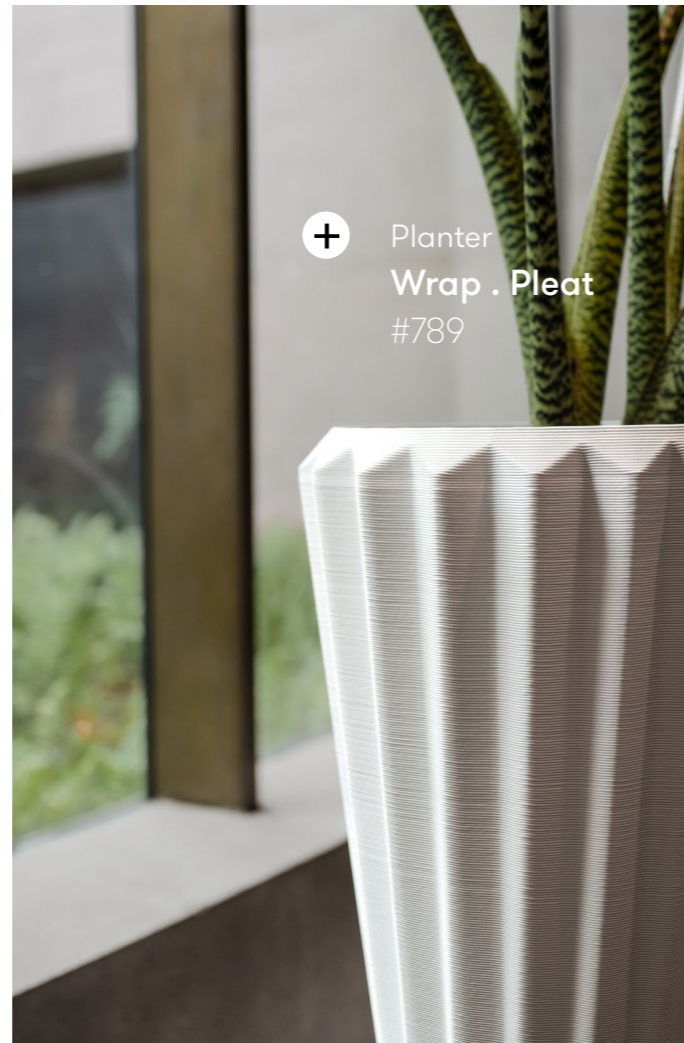
Wave

[+ www.aectual.com/crochet.diamond](http://www.aectual.com/crochet.diamond)



**+ Planter  
Wrap . Pleat  
#50+**









Wall piece  
**Crochet . Diamond**  
#164



Planter family  
**Wrap . Pleat**  
#580

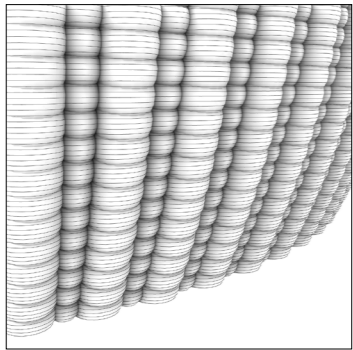


# Puff Poufs

Interiors

From afar, the Puff Poufs remind somewhat of cacti, but these poufs are far more comfortable. They can be used as a seating element or coffee table and come in variable sizes that can be endlessly configured to taste.

## Product line



Knit

[www.aectual.com/](http://www.aectual.com/)



+ Pouf  
Wrap . Knit  
#111



# Aectual Studio

## Solutions new product development

### Temporary facades

Products: Wrap, Gradient

### Sunshade canopies

Products: Gradient

### Pavilions

Products: Wrap, Claustra, Block

### New systems & objects

Create your own product line design variant or product

+ [www.aectual.com/](http://www.aectual.com/)



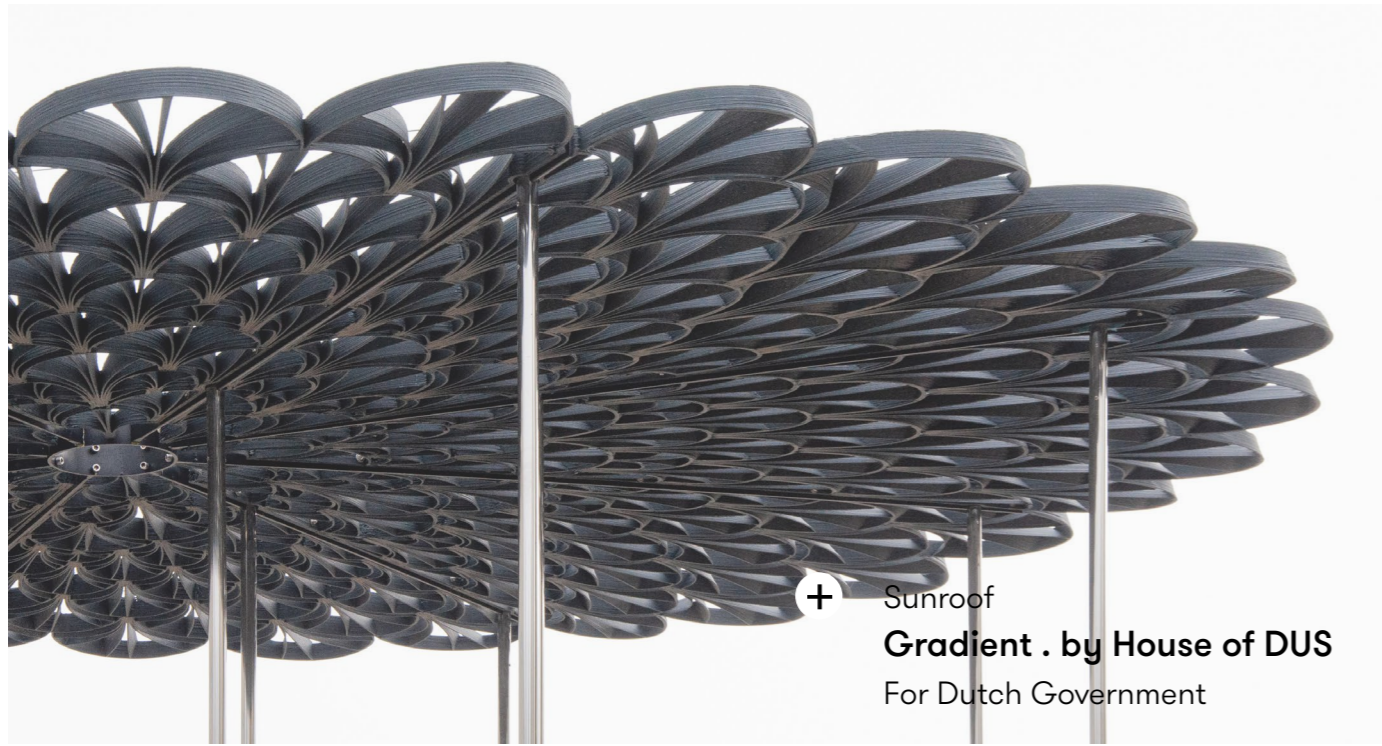
+ Temporary pavillion  
**Claustra . by Pragma architects**  
For UAE Government, Floriade '22



+ Temporary facade cladding  
**Weave . by Pragma architects**  
For UAE Government, Floriade '22

+ Temporary pavillion  
**Claustra . by Pragma architects**  
For UAE Government, Floriade '22

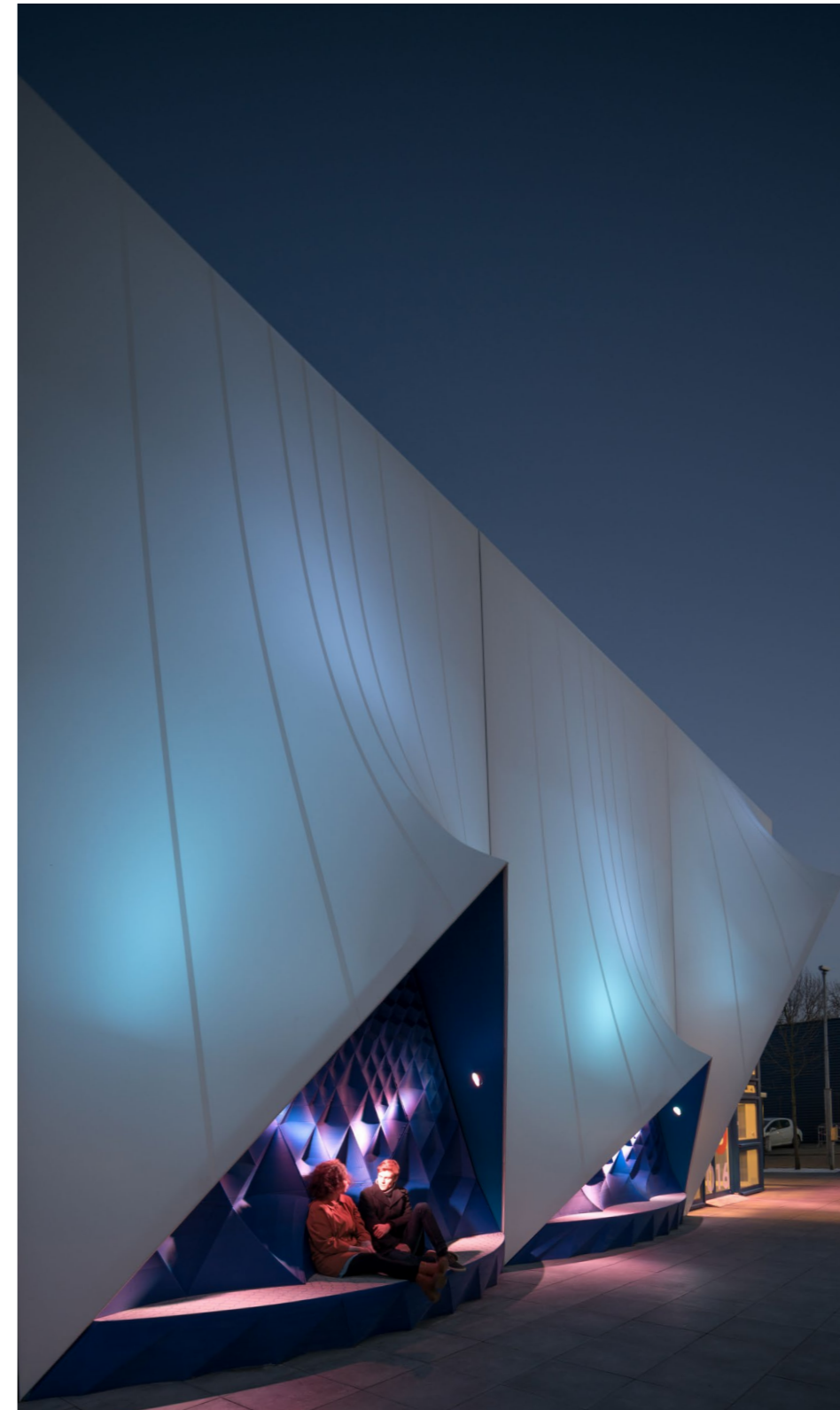




+ Sunroof  
**Gradient . by House of DUS**  
For Dutch Government



+ Temporary facade cladding  
**Wrap . Cannelure**  
For 100 year Bauhaus, Germany travels

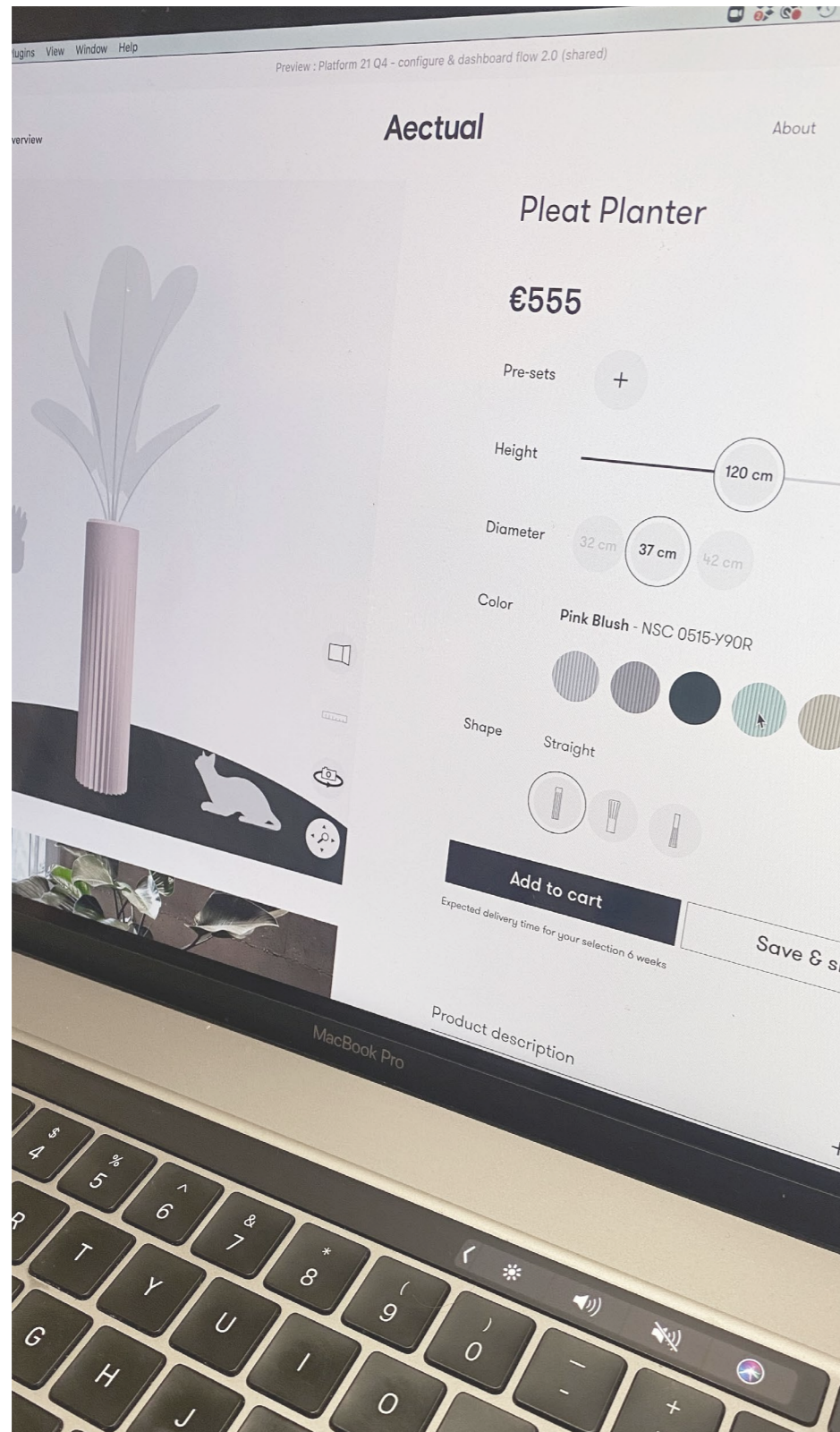






+ Temporary facade cladding  
**Wrap . by House of DUS**  
EU Building, for Dutch Government





Connect to our  
online tools  
& create your  
tailor-made solution

Check latest  
product updates  
& possibilities  
on our website

+ [www.aectual.com/](http://www.aectual.com/)



# Aectual

Product Playbook

Limited edition

Salone del Mobile Milano 2022

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Special thanks to all  
designers and photographers  
for their contributions