# Graphic Perf® Interior

Ceiling, Wall, Railing, & Cladding Panels   *by Solutions Studio®*

Fueling Possibilities®

Our Key Features

If you've ever wished that perforated panels could be something more, consider your wish granted. Our Scripted & Photoreal custom products are perforated panels that can be customized to create any design or image you can dream up, whether it's branding, a photo or custom graphic. Work with an Arktura expert to create a one-of-a-kind look that is sure to set you, and your design, apart from the crowd. And then add optional backlighting for a beautiful glow or our Soft Sound® backer for acoustic control.

Customizable System

Apply your creative vision to a standard system. We turn your image or custom pattern into easy-to install perforated panels to create your desired effect across walls and ceilings.
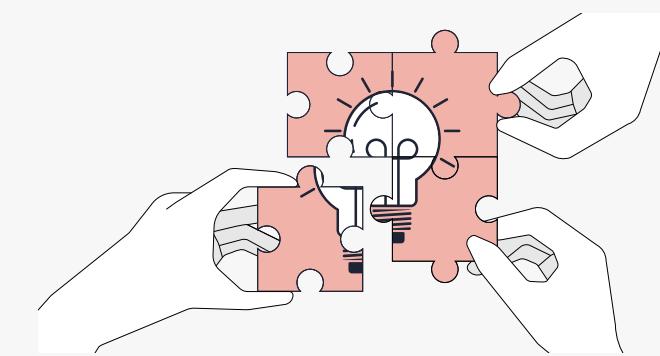
Collaborative Process

Our project managers translate your goals and design opportunities into a precise workflow. We factor in all base building criteria, then produce detailed software-generated shop drawings to guide our precision manufacturing.
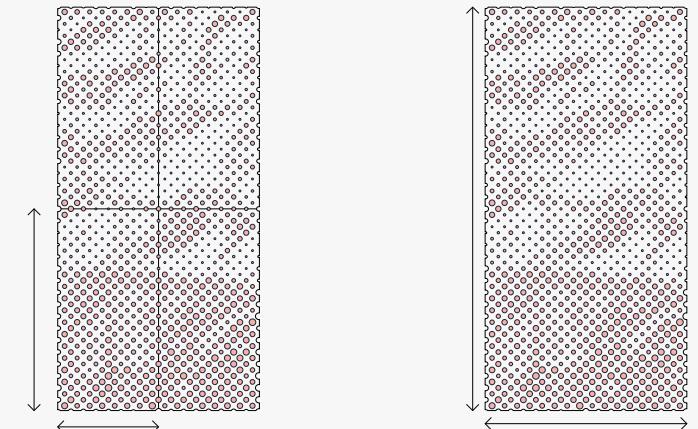
Larger Panel Sizes

With a range in panel sizing, Graphic Perf® allows for larger panel specification resulting in fewer seams and lower installation time.

Superior Flatness & Durability

Arktura   Others

Graphic Perf® panels may be composed in 3/16" or 1/2" thickness, which, in combination with our precision processes, results in unrivaled flatness and performance.
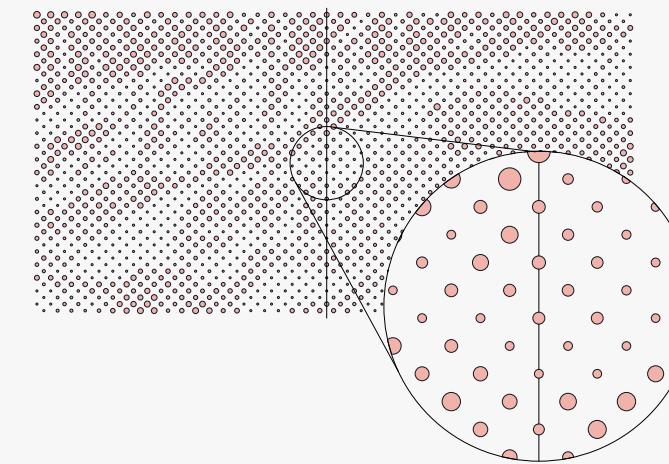
Continuous Pattern Aesthetic

Achieve uninterrupted patterning across your space. Graphic Perf® perforations bridge the seams between panels, resulting in a continuous pattern or graphic.
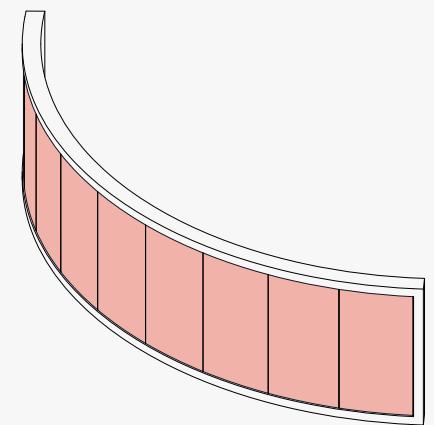
Ability to Curve Panels

Graphic Perf® panels can be rolled to result in smoothed, radiused applications. Curves may be tailored to adapt to almost any architectural design.

Scan the QR or Click to Learn More about Vapor®

Inspiration
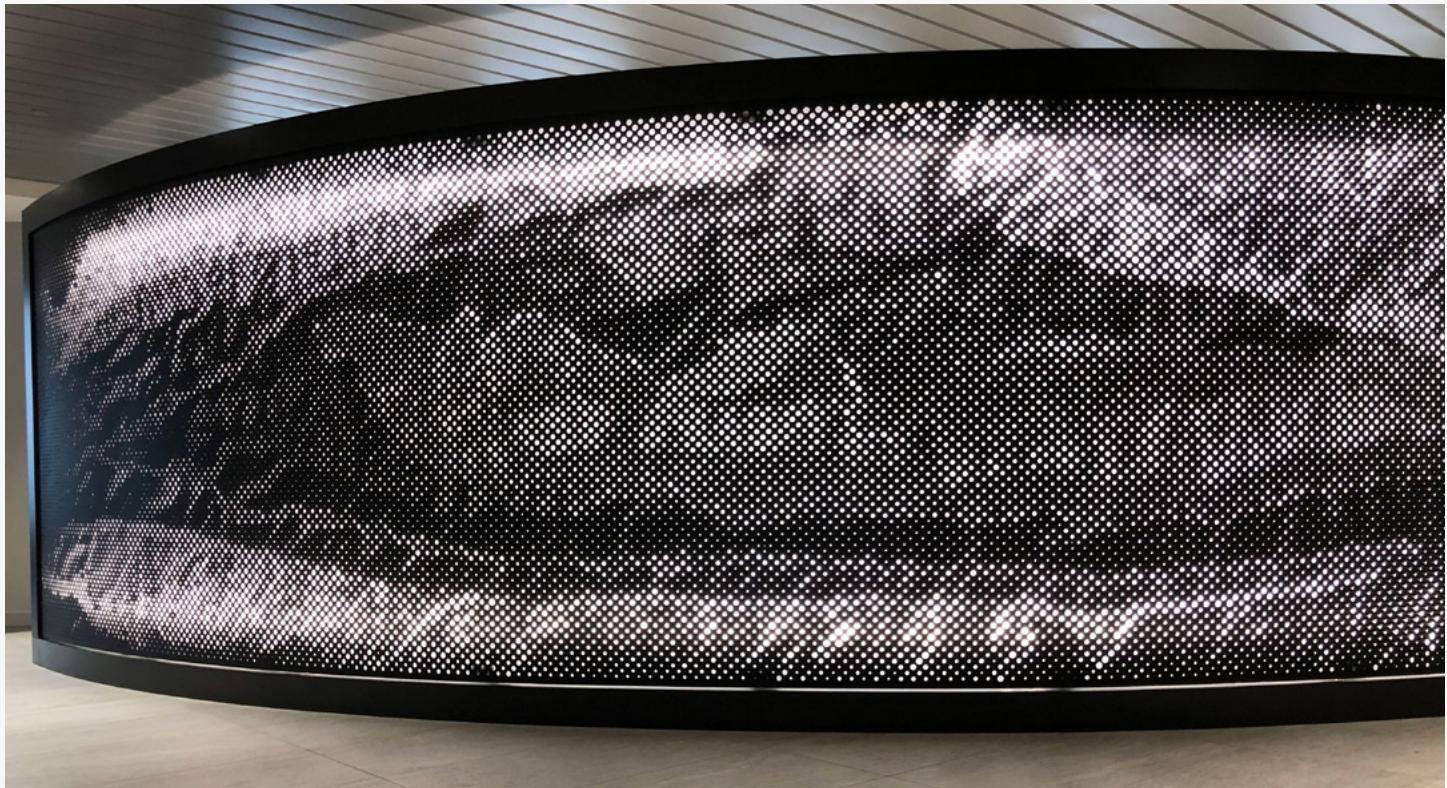
Graphic Perf® Adapts to the Geometry of Your Space
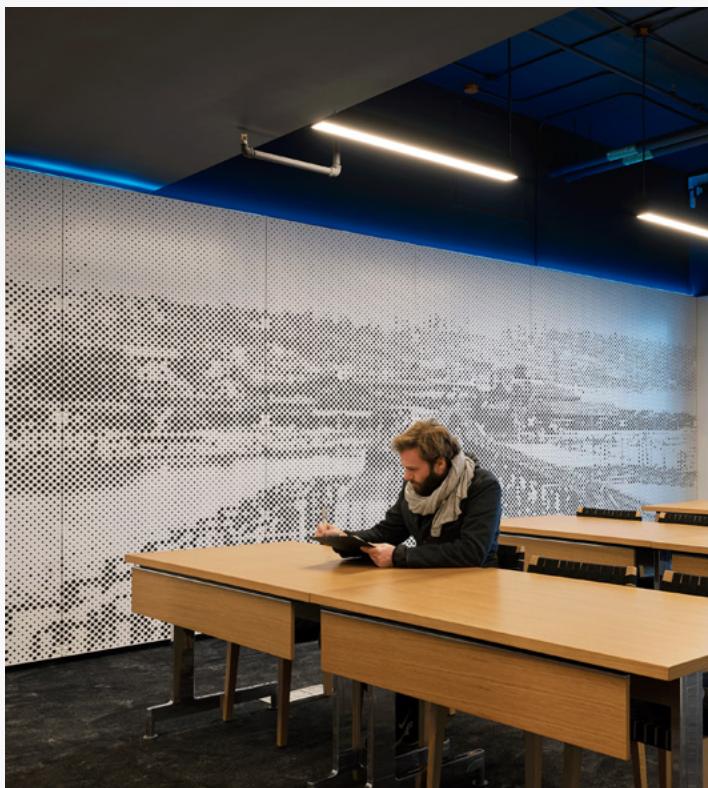
Translate Your Imagery to Perforated Panels
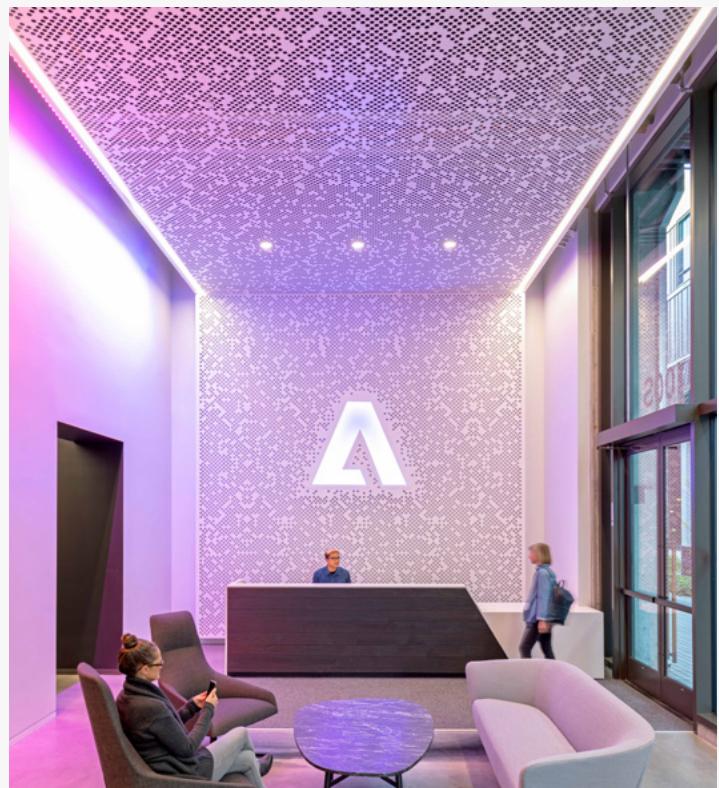
Design Your Own Scripted Patterns

Applications

Column Cladding

Transform columns into a canvas through distinctive cladding that enhances aesthetics and unifies spaces while masking structural elements.
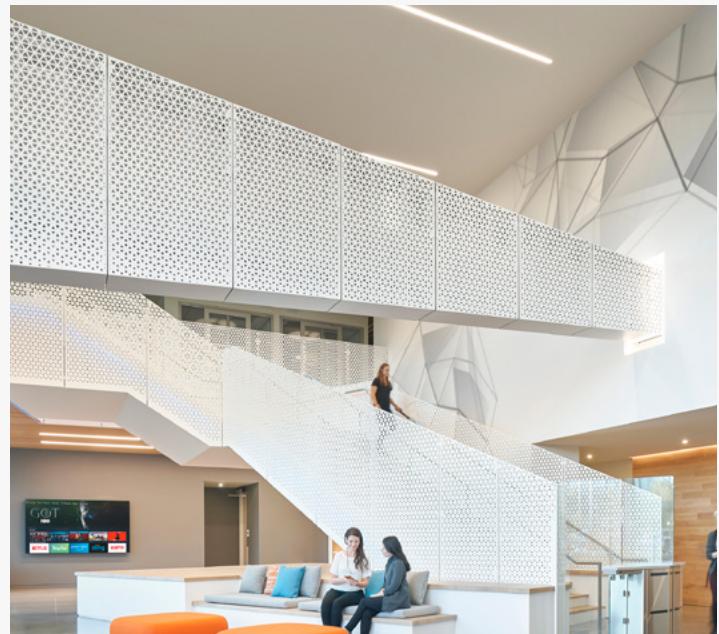
Guardrails

Build beautiful custom guardrails that address form and function seamlessly, introducing unique perforated patterning that flows through your space.
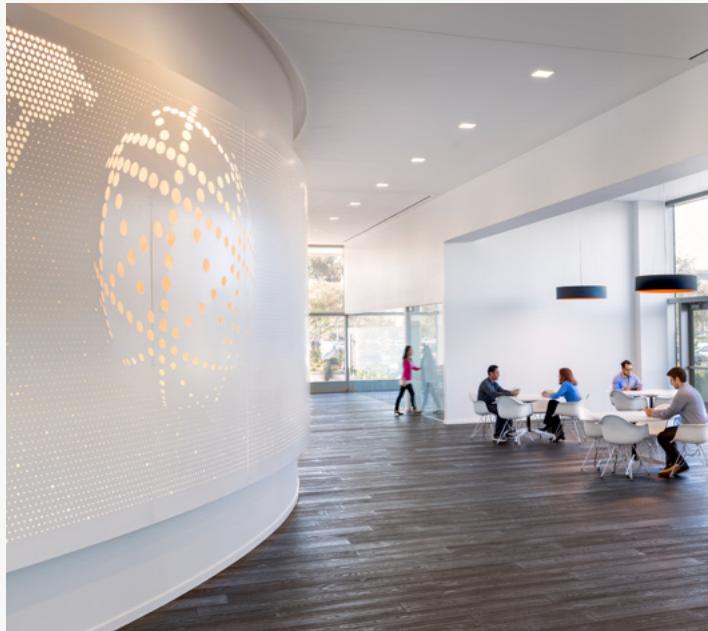
Curved Panel

Map your perforated design across curved panels, manufactured to flow organically within your configuration and design demands.
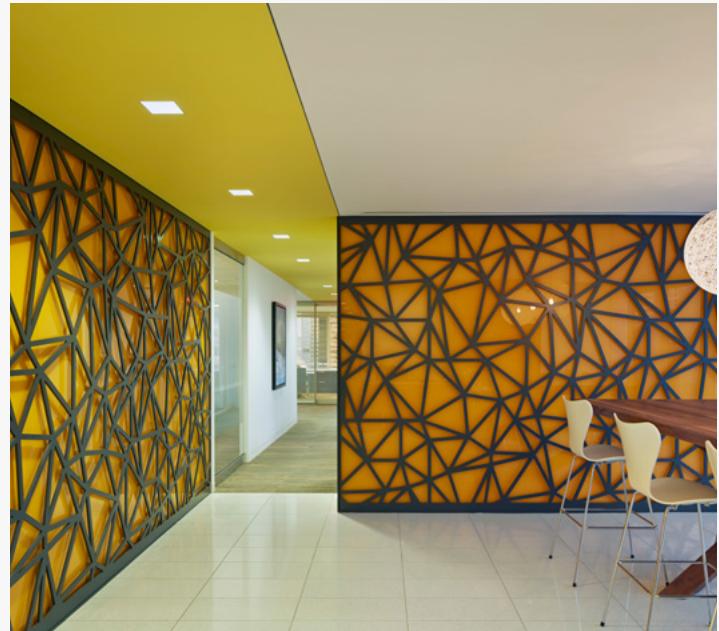
Clear Span Panels / Partitions

Create panels and partitions that span continuously from wall to ceiling in any space.

Applications

Operable/Sliding Walls

Use Graphic Perf® to create one of a kind operable walls that suit your space's demands and transform your choice of imagery or patterning into structural solutions.


Building Integration Masking

Easily mask structural elements, HVAC, and other unsightly building infrastructure by utilizing Graphic Perf®'s various ceiling and wall applications.

Illuminated Walls & Ceilings

Integrate even, energy-efficient illumination into ceilings and walls. Choose from various color temperatures, or select DMX controllable RGB LED options. The possibilities are endless.

Suspended Walls

Design unparalleled suspended panels that establish clear separation without visual obstructions.

Overview

1   Understanding the System

Graphic Perf® Panel

Graphic Perf® converts your design or image across metal panels.

11'-11" Max. Size

5'-11" Max. Size
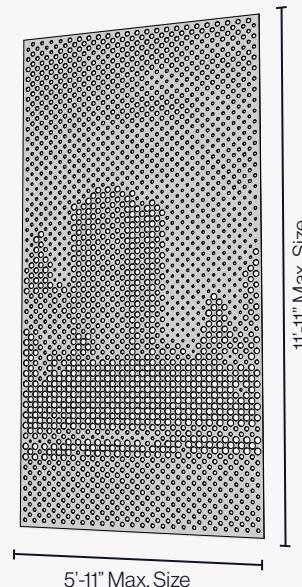
Flexible Across Walls & Ceilings

Graphic Perf® works equally well across walls or ceilings and allows for seamless continuity of imagery and pattern across transition points.
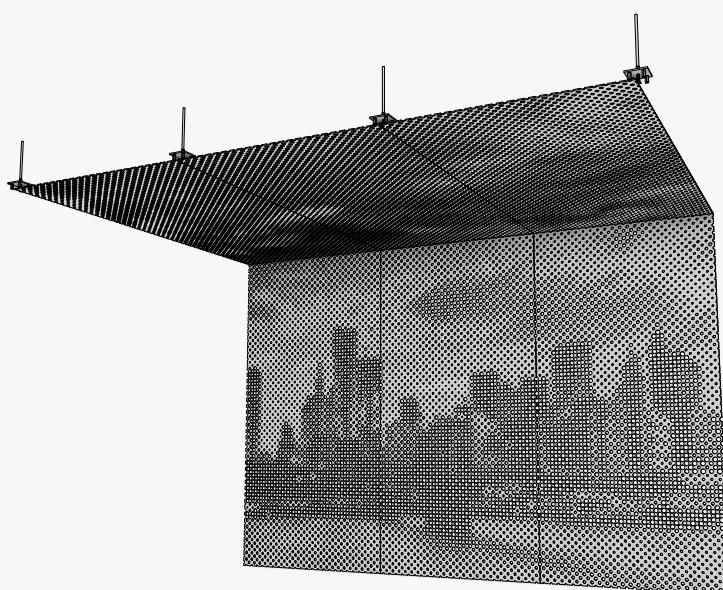
2 Graphic Perf® Process

Option A: Photoreal

Your Image
The Graphic Perf® process starts with
your image. Select the photo, logo, or
graphic you want translated to metal.
Inquire about available scripted options.

Translation
Our proprietary software help translate
your image into pattern, spanning
across panels to fit your desired space,
and the needs of your project.

Perforation
We use state-of-the-art tools and
techniques to precision manufacture
seamlessly tileable grid compatible
panels that bring your image to life.

Option B: Scripted

Inspiration
You provide the reference, be it an
image or sketch.
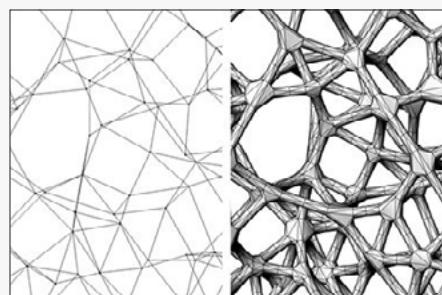
Computer Generated Artwork
Our software allows for a multitude
of options to individually design each
shape, perforation, and opening of your
artwork.

Perforation
We use state-of-the-art tools and
techniques to precision manufacture
seamlessly tileable grid compatible
panels.

3ª Case Studies - Newmont Goldcorp

Curved Photo Inspired Paneling

Newmont Goldcorp's office was designed by Group5 design with a focus on encouraging collaboration between employees. The curved backlit panels created by Arktura's Graphic Perf® Photoreal custom system allows for an open yet separate partition between client reception and the staff lounge.


3rd Party Backlighting Solution

While Arktura offers its own integrated backlighting solutions, this project highlights the flexibility of Graphic Perf® to work with 3rd party illumination.
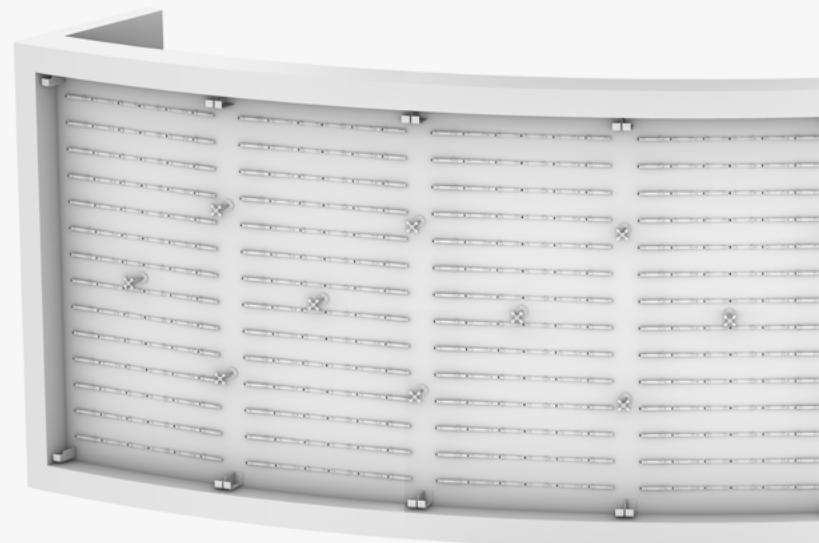
Gauging the Curve

Graphic Perf® is adaptable to various gauges of metal to achieve a range of curvatures required by your project. In this case study Arktura cost effectively designed the panel pieces to establish a minimal bend radius that allowed the curvature to be achieved with minor modifications to the panel. This was made possible by considerations in Alloy, Gauge, and Panel Size, and standoff attachments.


Translucent Backer

Lighting (By Others)
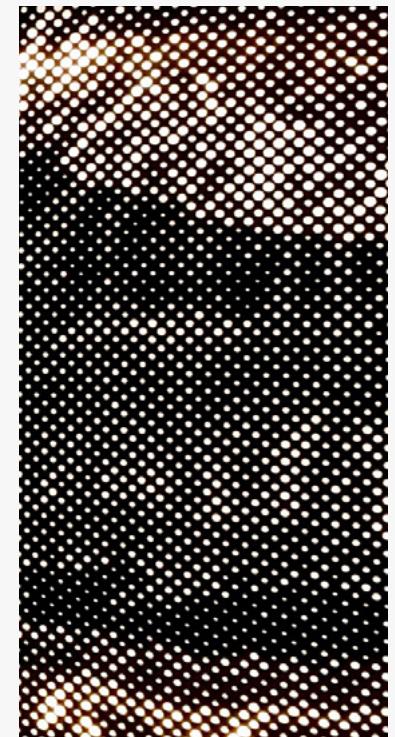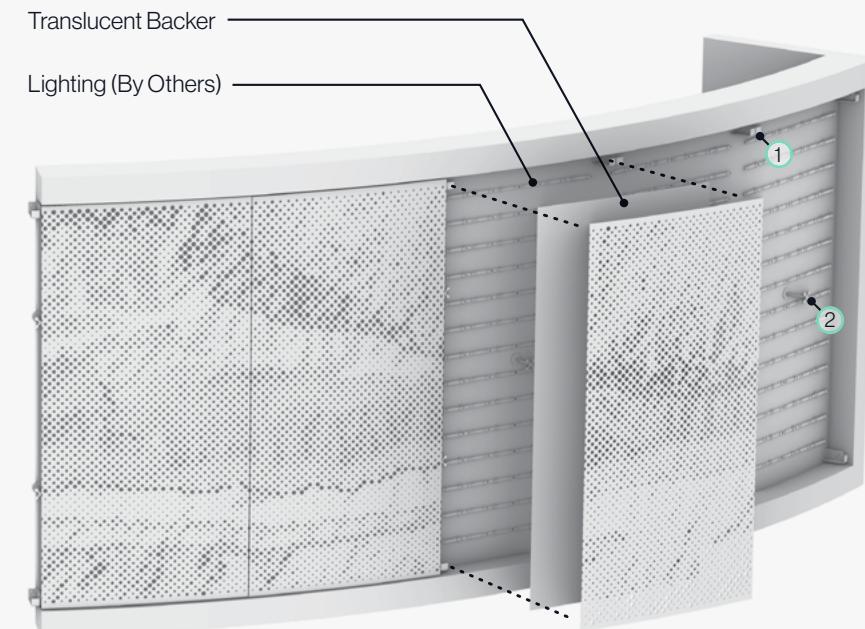
Flexible Attachments

The unique standoff attachments were designed to accommodate the cavity depth required to house components provided by outside supplier of backlight system.


7'-5 1/4"

3'-10"
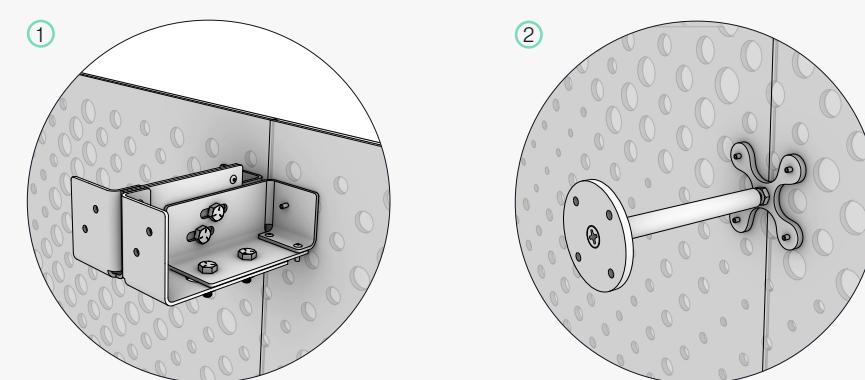
Two Standoff Methods designed to maximize support and prevent obstruction of perforations.
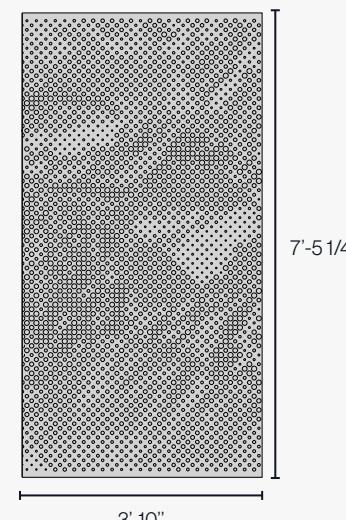
3ᵇ Case Studies - GATX

Perforated Passage

PBD's design focused on industrial materials to celebrate GATX's history as a global railcar leader. Utilizing Graphic Perf® Photoreal and Arktura Backlighting resulted in a sophisticated aesthetic and furthered the ability to incorporate branded elements throughout the ceiling and wall system.

Translucent Backer
Arktura Backlight
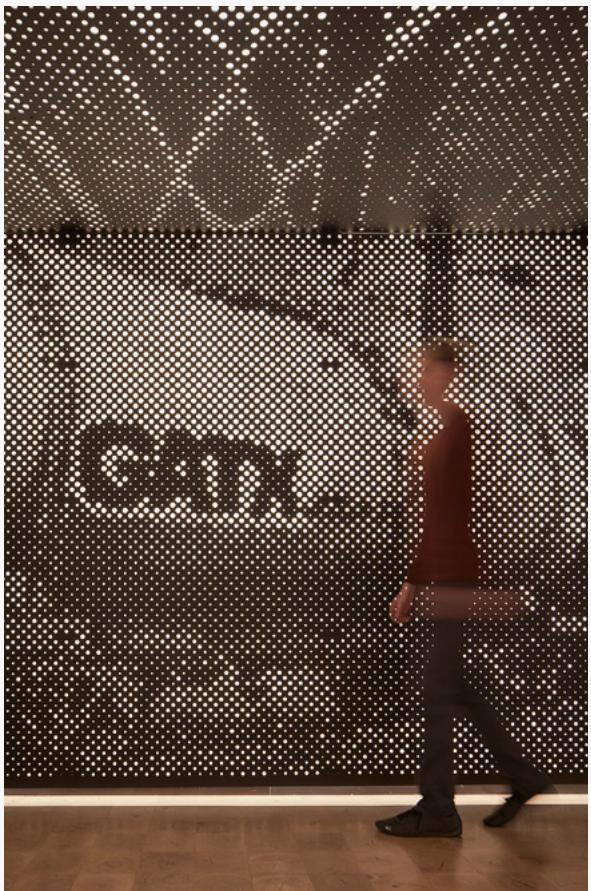
Flexible Attachments

Utilizing a unique combination of Standoff Attachment brackets designed to accommodate cavity depth requirements specified to house lighting by others, or Arktura Backlighting ensures non obstruction of pattern and engineering stamp for the components by Arktura.
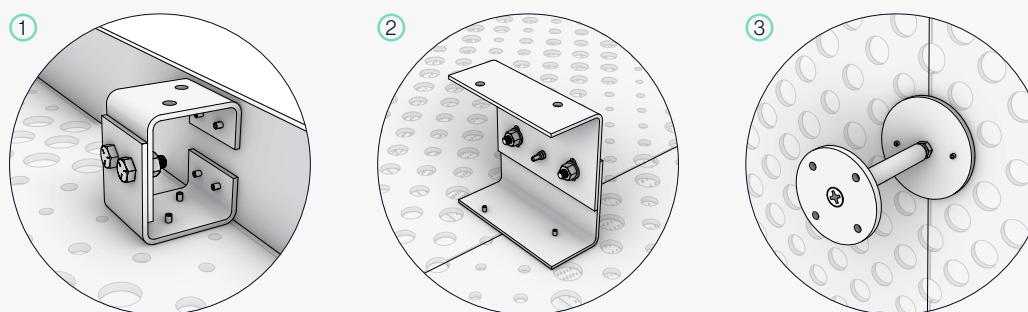
Three Attachment Methods designed to maximize support and prevent obstruction of perforations.

Attachment Method

Our advanced manufacturing technology allows for infinite variations in hole size, which preserves the clarity of the input image. The combination of Arktura Backlighting, and a Frosted Transparent Backer behind each panel brings the photo to reality through illumination.
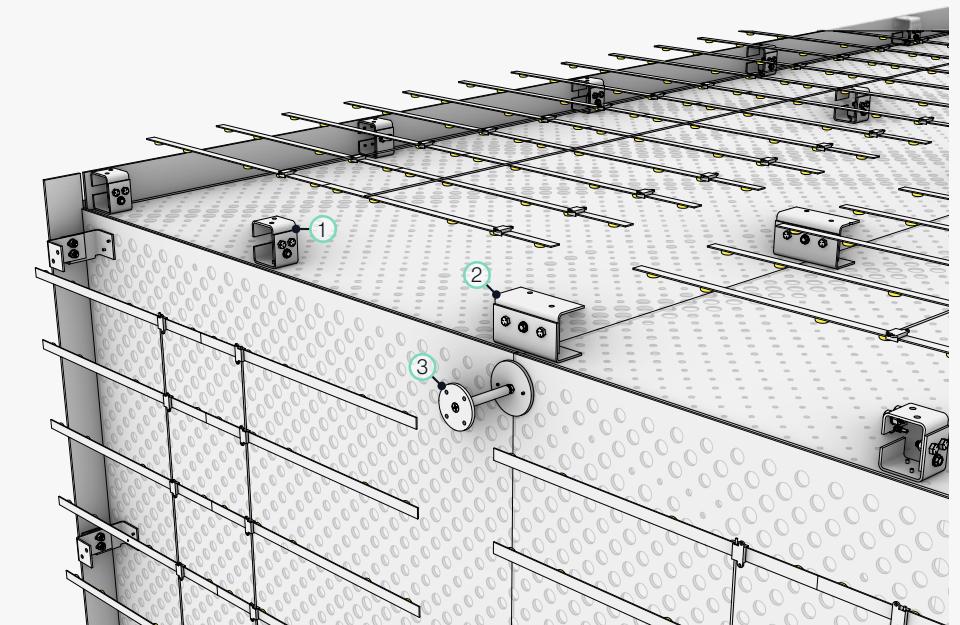
Photo Inspired Paneling

Our proprietary software tools translate images into a pattern of holes, sized and distributed to reproduce exactly the gradations of light and dark.
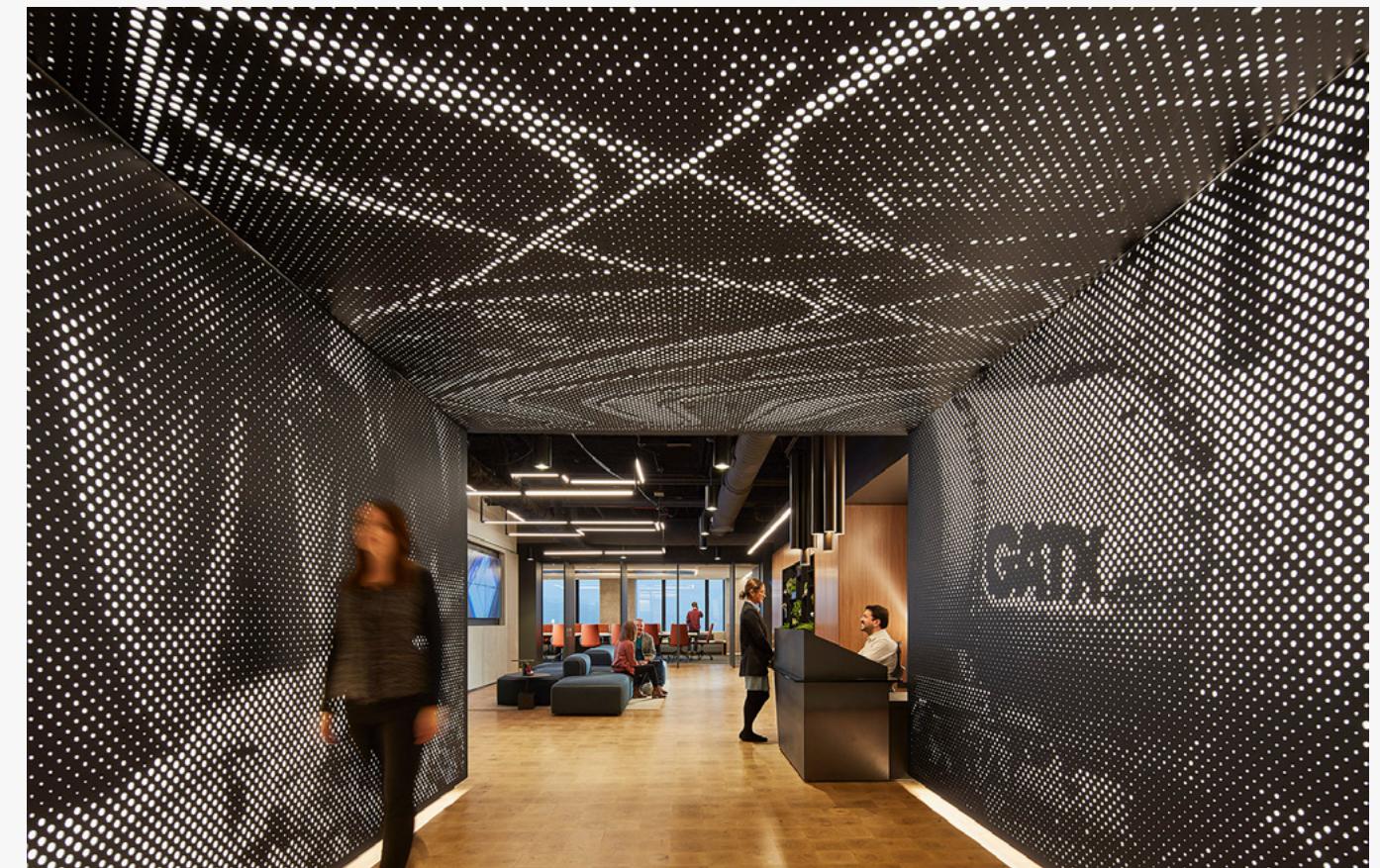
3ᶜ Case Studies - Confidential Client

Scripted Cladding and Guardrails

The office renovation by Gensler for a confidential technology client focused on creating a human-centric and agile workspace, designed around human movement patterns. The stair guardrails and beam cladding designed with Arktura's Graphic Perf® Scripted create a point of orientation in the flow of social engagement within the structure.
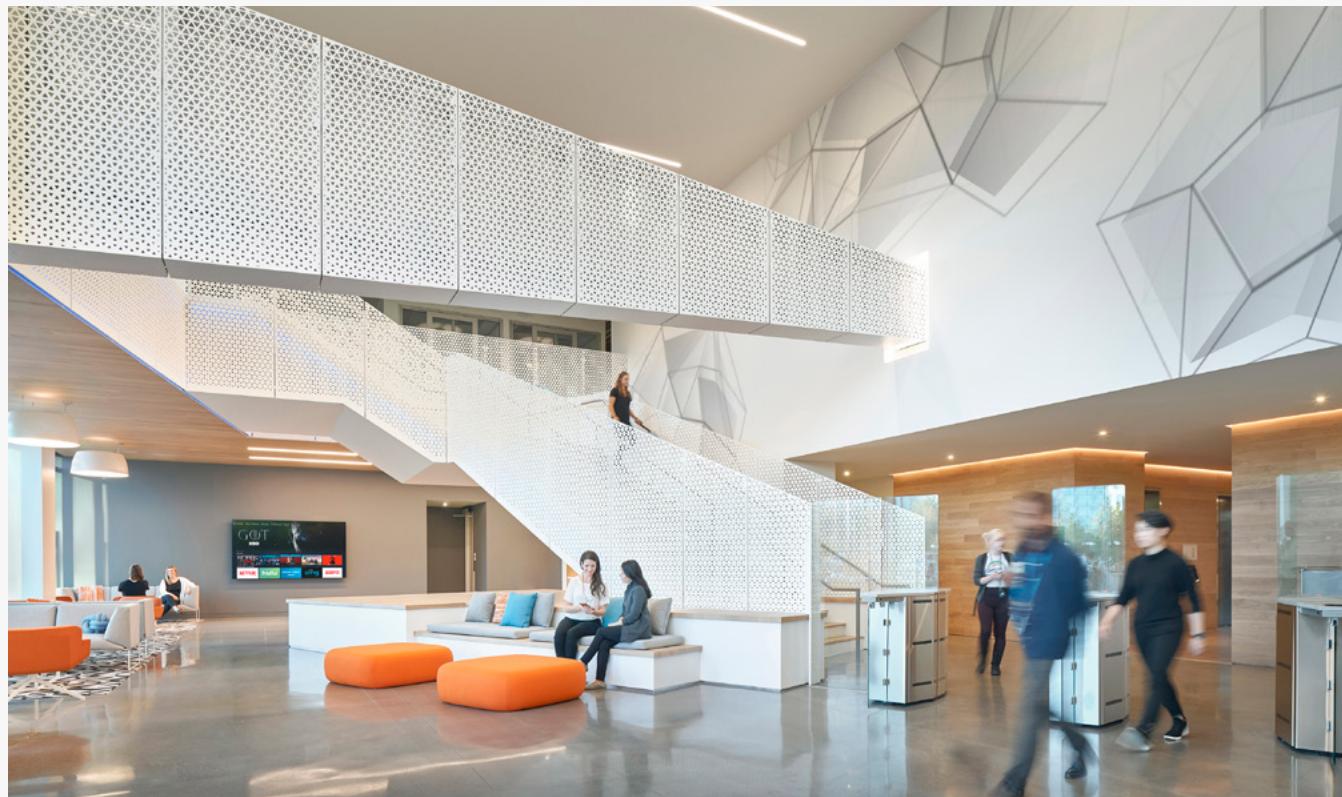

Three System Types for One Solution

Through proprietary scripted pattern technology Arktura was able to generate seamless pattern aesthetic across cladding, guardrails, and stair railings to create a uniform structure combining three systems.
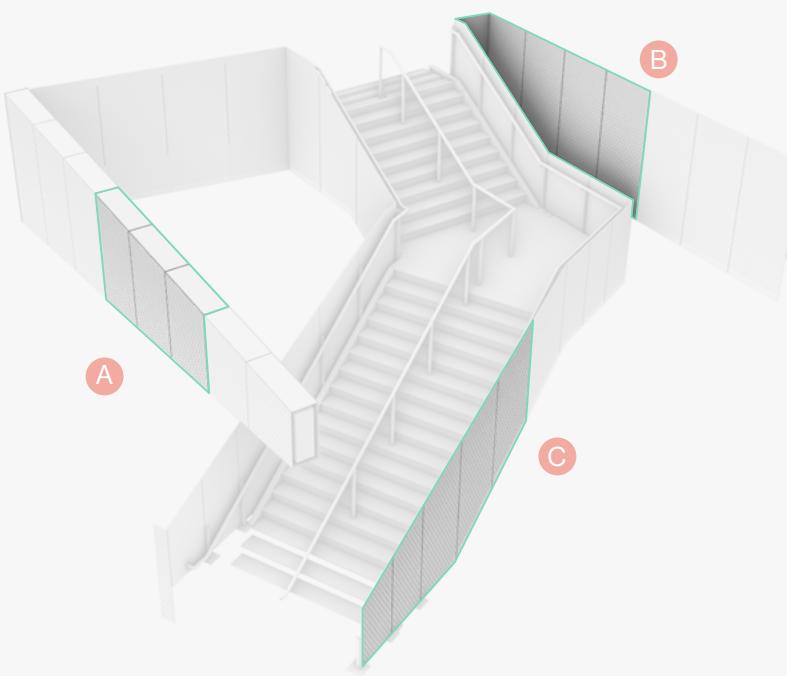
System Attachment Details

This case study utilizes three varying types of standoffs to meet specific engineering requirements- Wall, Closure, and Railing. Arktura's Project Manager will work in tandem with engineer and architect of record to meet & optimize design intent to minimize visibility of standoff and maximize the seamless nature of the scripted pattern.

A Beam Cladding

1 Closure Standoff

2 Walll Standoff

B Guardrails

3 Guardrail Standoff
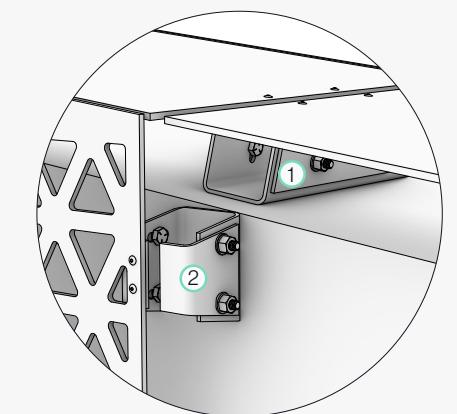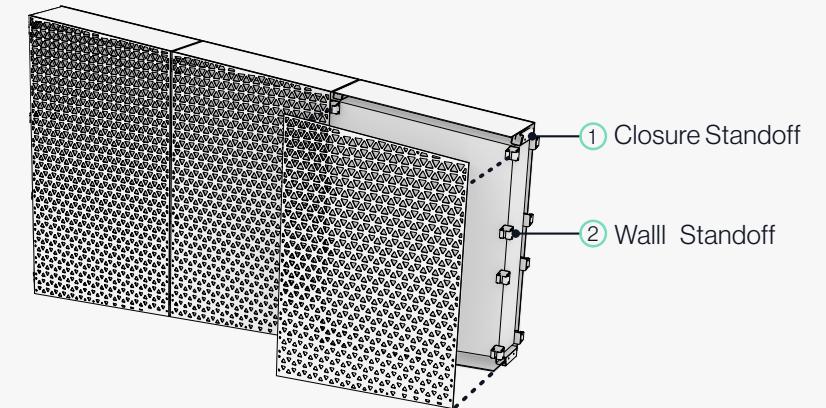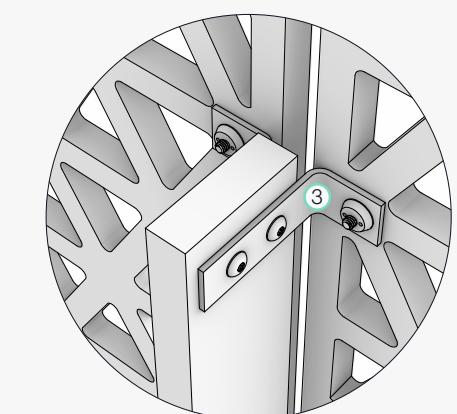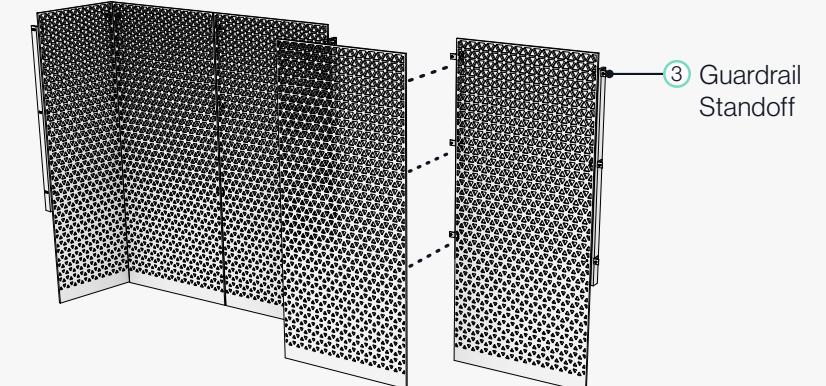
C Guardrails Stairs

3 Guardrail Standoff
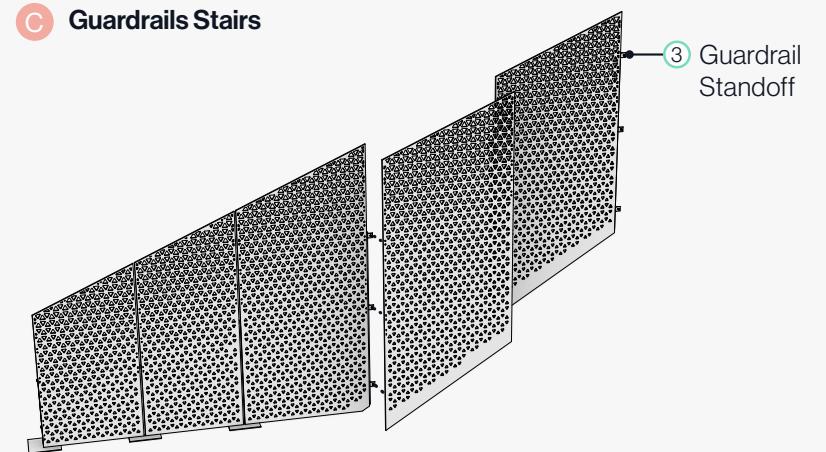
# 4 Optional Accessories

Lighting
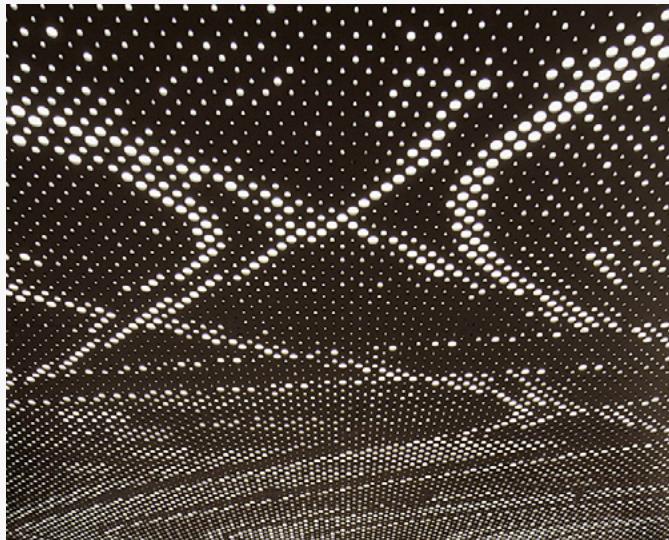
Backlighting

Arktura Backlighting allows you to fully illuminate your ceiling and wall panel installs, creating beautiful evenly lit surfaces. These fixtures are available in high and low output versions, both dimmable.

RGB Lighting

Arktura offers RGB Backlighting that can be tailored to your design vision, with available programmatic animation, to bring your project to life.

Backers
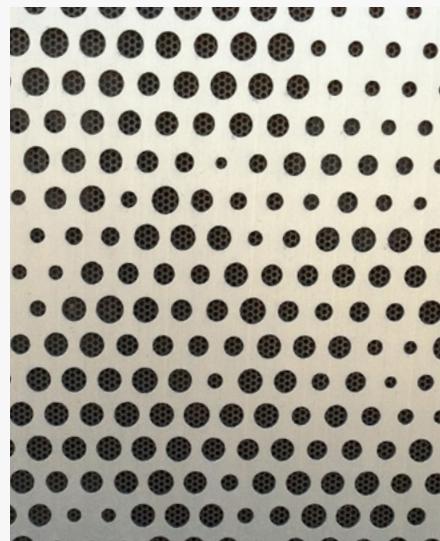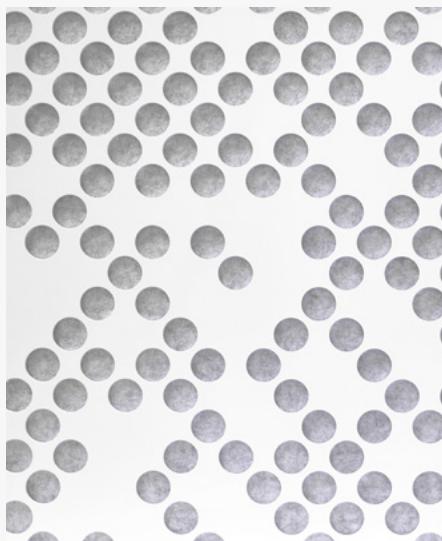
Soft Sound® Backer

Using our Soft Sound® backers, you can achieve a variety of NRC ratings.

Translucent Backer

Our proprietary light diffusing backers can be used to create a functional or decorative lighting effect in any space.

Mesh Backer

Use available mesh backers to create another layer of depth while further masking substructures.

ⓘ Illustrative diagrams. Perforations will be custom to your design.

5 Available Finishes

Aluminum Panel

Powder Coat
Standard Finish
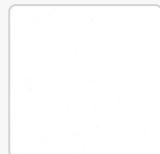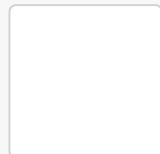
|				
T-Grid White* (Matte)	Arktura White (Matte)	Brilliant White (Gloss)	Silver Metallic (Semi Gloss)	Jet Black (Matte)
Aviator Gray (Gloss)	Aviator Gray (Matte)	Steel Gray	Shadow	Midnight	Coffee
Raw Umber	Caramel	Sandstone	Oat	Sunflower	Torch
Spirit Red (Matte)	Azure	Blue Steel	Forest Green		
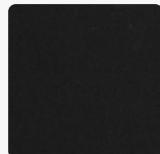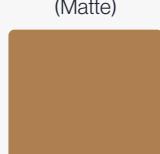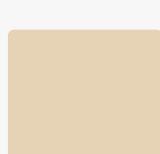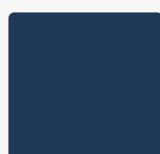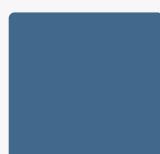
Powder Coat
Premium Metallic
Finish
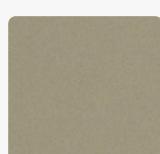
Chilled Champagne (Semi Gloss)   Burnished Bronze (Semi Gloss)
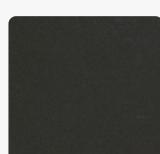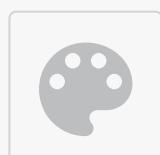
Custom Powder Colors

We offer premium non-stock RAL and custom color match options as well. Contact your sales rep for more information.

Non-stock RAL   Non-stock Metallic

* This color was designed to pair with Armstrong color "WH" grid and trim.

ⓘ All premium and standard finishes shown are designed for interior specifications. Products may be specified for exterior use, and with alt treatments required by local code or facility, including custom color match or specialty finishes. Any changes to specification from interior standard or interior premium will result in a custom powder coat fee.

⑤ Available Finishes

Optional Translucent Backer

Polycarbonate
Available in interior and UV
stable exterior options.
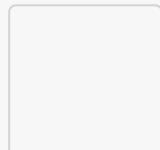
Frosted

### Optional Soft Sound® Backer

Soft Sound®
Vivids
Standard
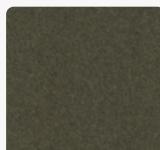
Nori	Tidal	Seafoam	Bamboo	Cosmos
Plum	Azalea	Sorbet	Buttercream	Blush
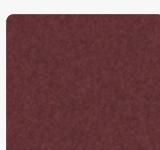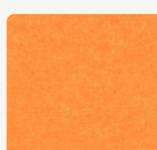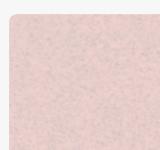
Soft Sound®
Elementals
Standard

Ube	Baltic	Caspian	Cortez	Honey
Sienna	Truffle	Morel	Cypress	Pebble
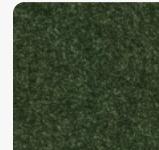
⚠ Due to the nature of non-woven materials, light may pass through Soft Sound® in any thickness or color. A translucent appearance is most apparent in lighter colors and thin material when a light source is present behind the material. Arktura makes no claims or warranties about the material performing as opaque in any circumstance. To verify a products performance for light transmittance, a mockup of the specific intended use is recommended.

⑤ Available Finishes

Optional Soft Sound® Backer

Soft Sound®
Essentials
Standard
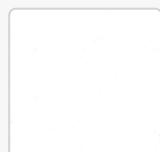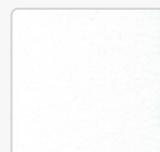
White	Snow	Marble	Heather Gray	Graphite	Carbon
Onyx	Apple	Tangerine	Lemon	Taupe	Sand
Kiwi	Whisper	Sky Blue	Denim		
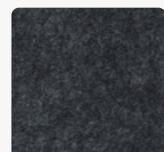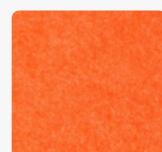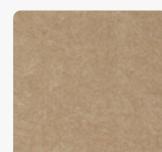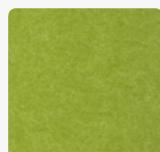
Soft Sound®
Wood Texture
Premium

ⓘ As with natural wood, variation in color and grain is expected and grain will not align across panels.
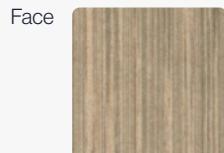
Face					
	Gray Ash	White Oak	Golden Oak	Oak	American Walnut
Core / Edge					
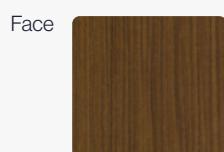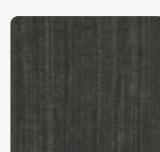
Face			
	Charred Oak	Charred Ash	Ebony
Core / Edge			
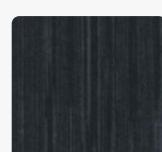
⚠ Due to the nature of non-woven materials, light may pass through Soft Sound® in any thickness or color. A translucent appearance is most apparent in lighter colors and thin material when a light source is present behind the material. Arktura makes no claims or warranties about the material performing as opaque in any circumstance. To verify a products performance for light transmittance, a mockup of the specific intended use is recommended.

6 Product Specifications & Certifications

System Specs

Panel Size (WxH)	5'-11" by 11'-11" Max (Panel Size Max is nominal & varies depending on application and attachment method of system specification)
Material	Aluminum or Steel
Openness in Plan	Varies by design
Fire Rating	Non-Combustible
Ceiling Attachment	Hanging Bracket (Included) and Threaded Rod (By Others)
Wall Attachment	Steel, and polycarbonate standoffs
Accessibility	Optional
Accessories	Frosted backer, Backlight, RGB Backlight, Soft Sound® Backer

7 **Available Pattern Solutions**

Inspiration Library

Choose from a variety of patterns from Vapor®, Graphic Perf®, Trace®, or SoftScreen® to transpose into a Graphic Perf Scripted Solution, create a custom Photoreal Image of your own, or visit www.arktura.com for more inspirations.
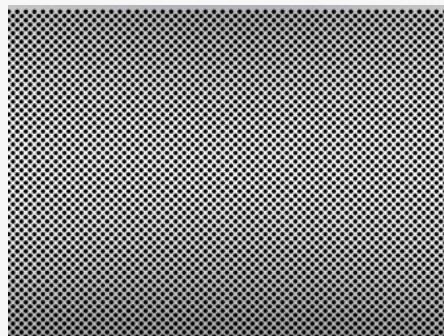
Mesh
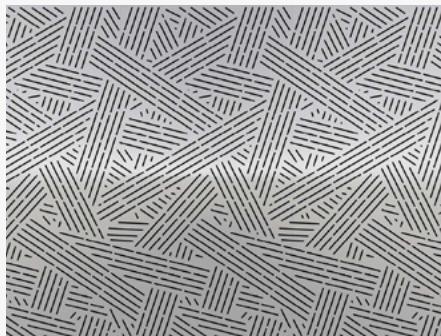
Weave
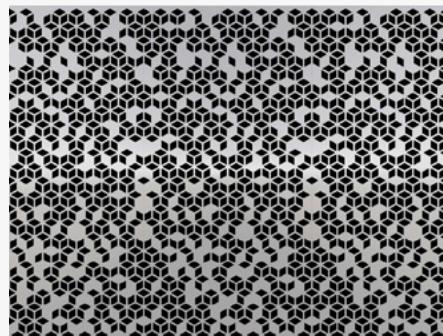
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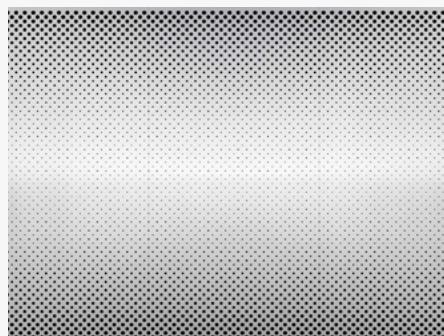
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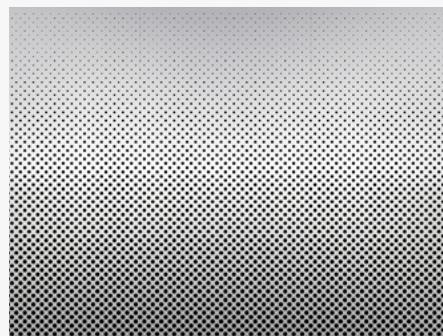
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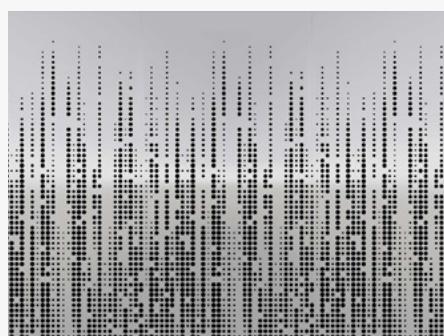
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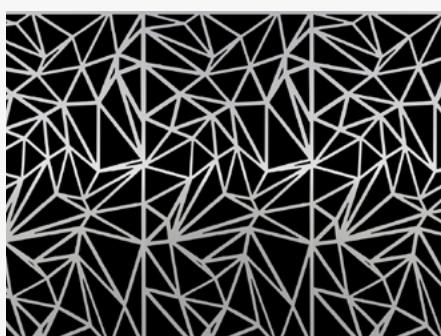
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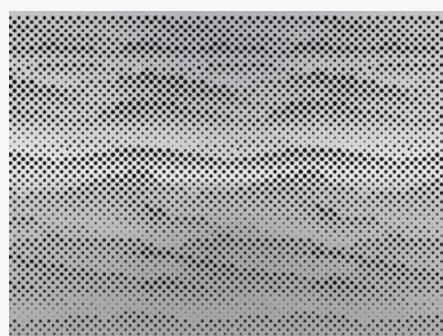
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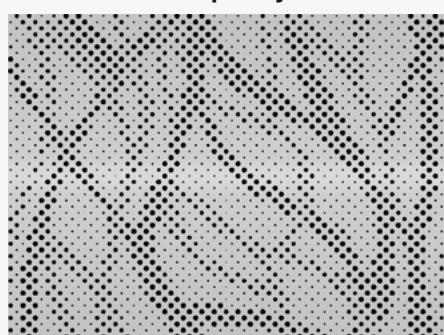
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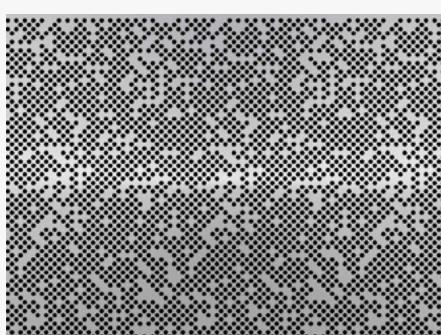
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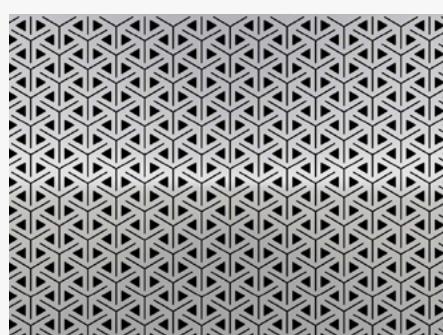
Alcazar

(7) Available Pattern Solutions

Inspiration Library
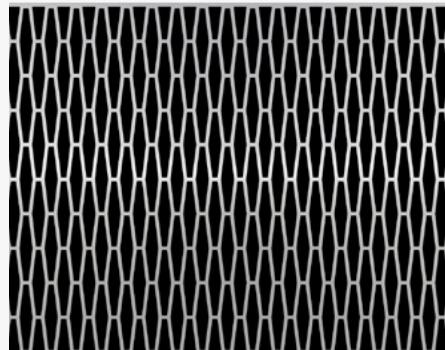
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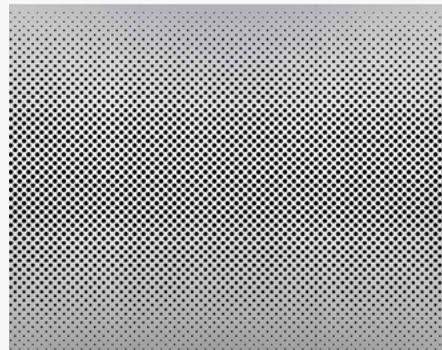
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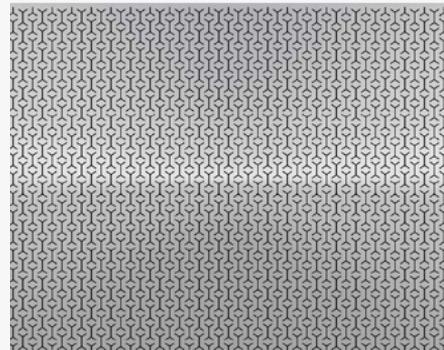
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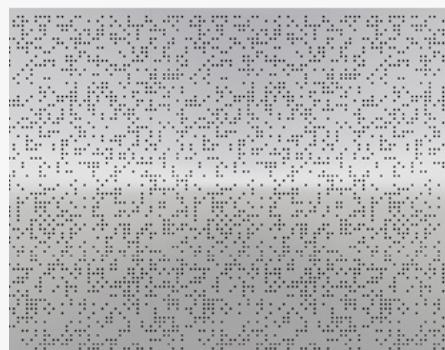
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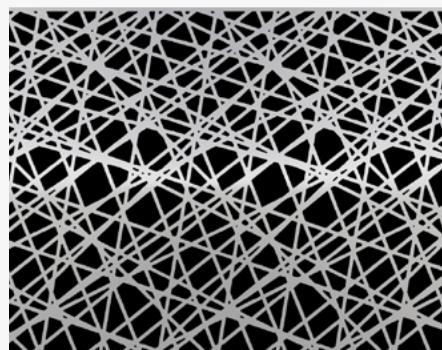
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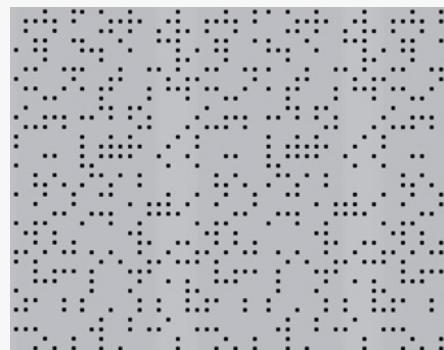
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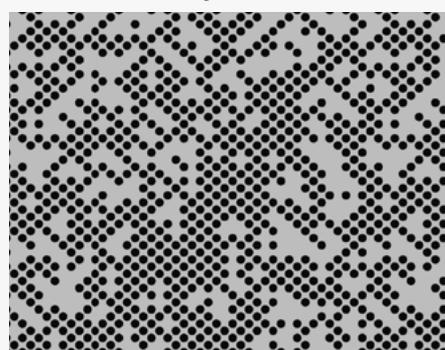
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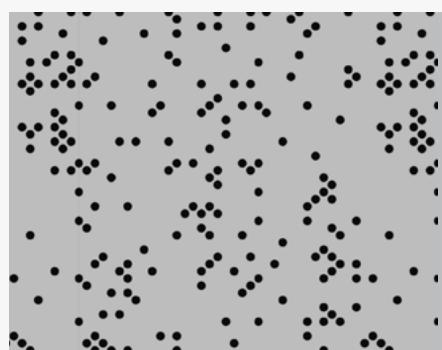
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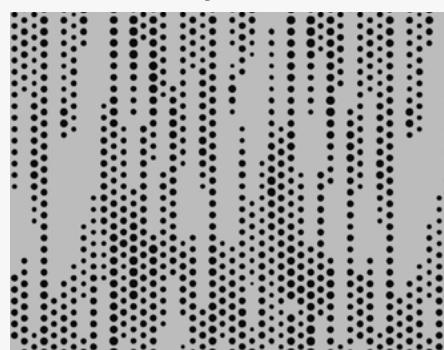
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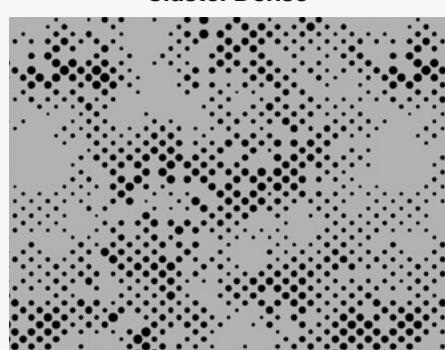
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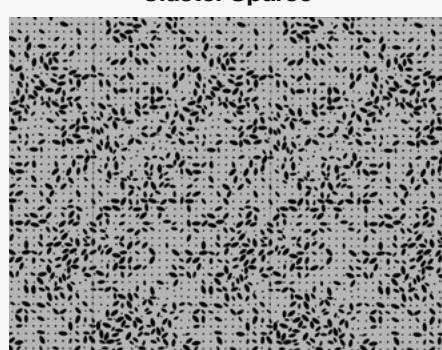
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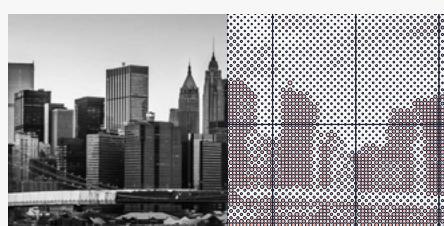
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