



A R K T U R A



Graphic Perf[®] Exterior



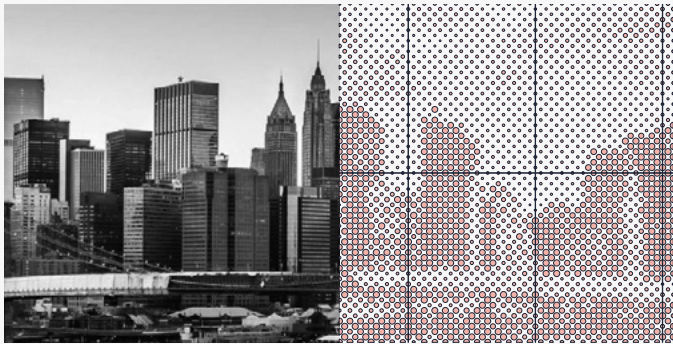
Facades, Screens, & Ceiling Panels

by Solutions Studio[®]

Fueling Possibilities[®]

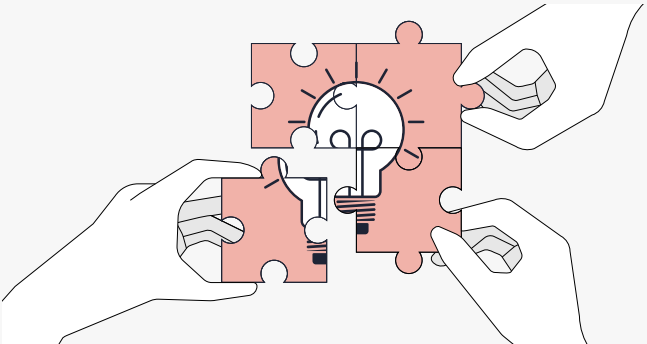
Our Key Features

Have you ever wanted to bring an image to life in your design? Our Exterior Scripted and Photoreal custom products make metal your canvas. They are perforated panels that can be customized to bring to life any photo, graphic or branding you want onto the exterior of any building. 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.



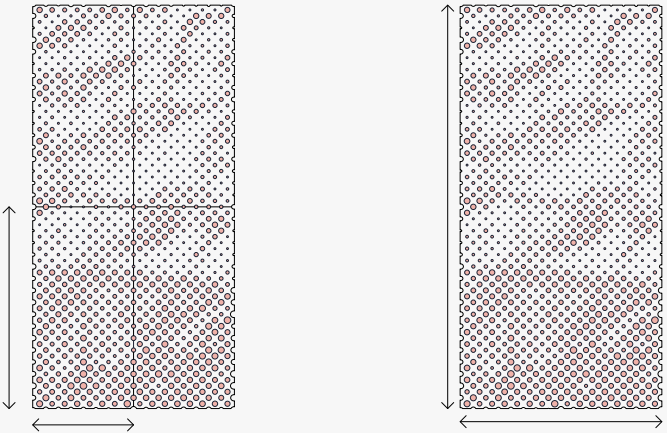
Customizable System

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.



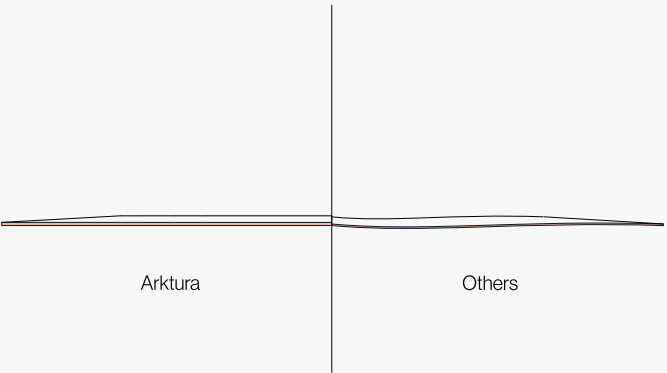
Collaborative Process

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.



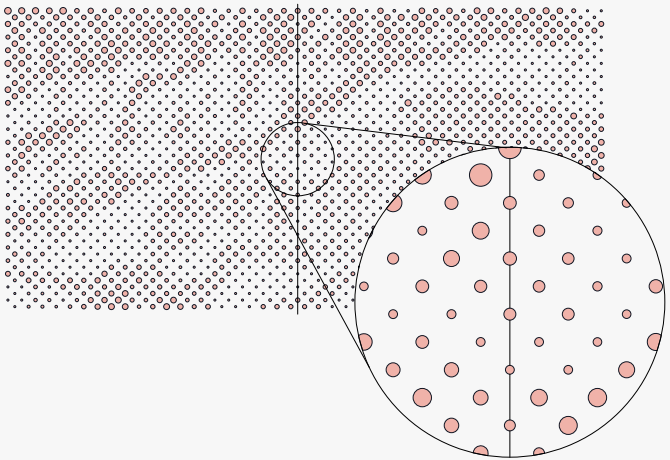
Larger Panel Sizes

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



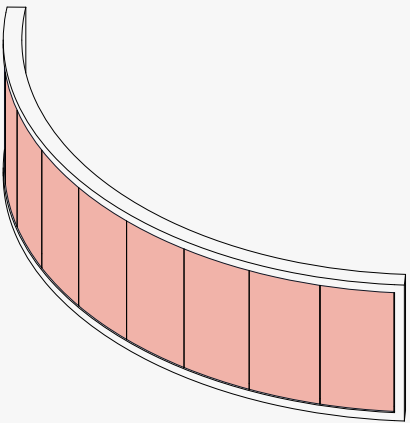
Superior Flatness & Durability

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®

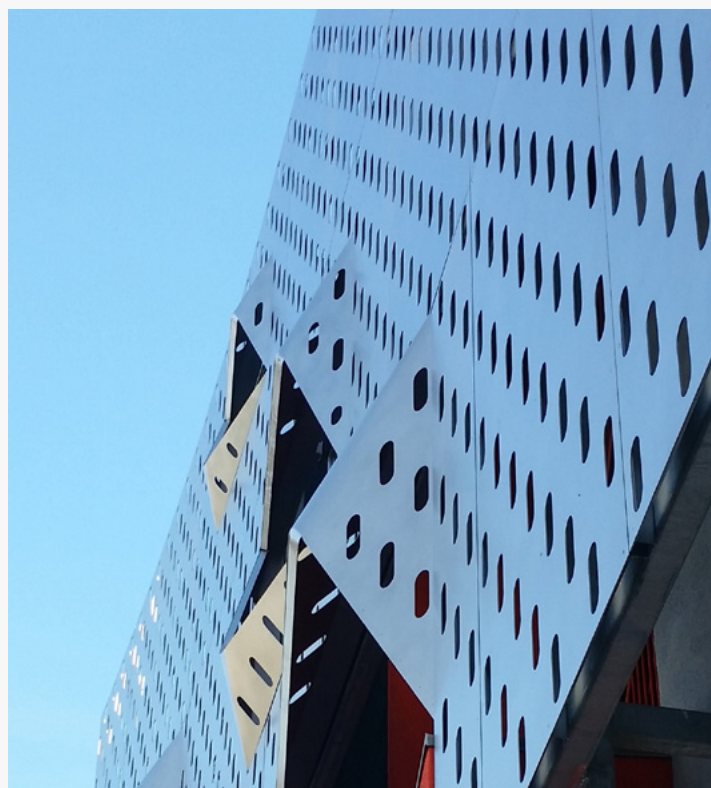
Inspiration



Design Your Own Scripted Pattern



Translate Your Imagery to Perforated Panels



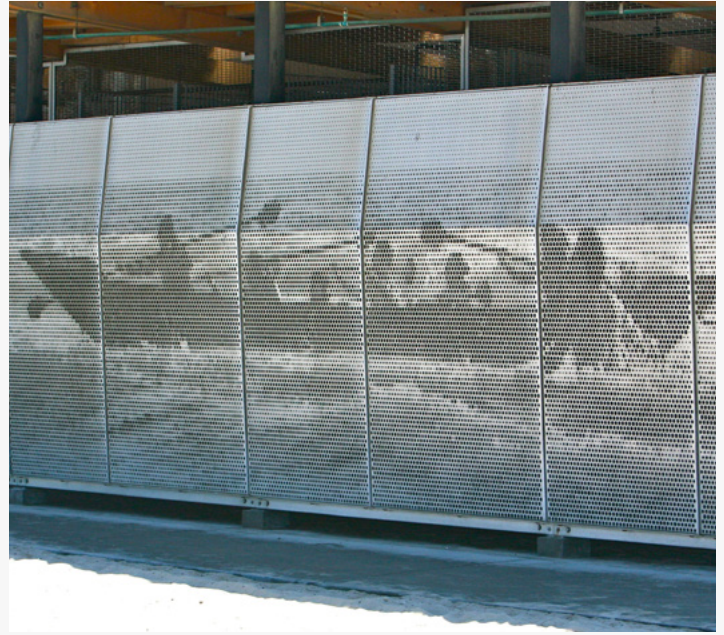
Create Unique Facades

Applications



Feature Facades

Use Graphic Perf® to create stunning exterior feature facade elements, translating your choice of imagery and patterning to perforated metal.



Rainscreens

Create distinctive screens to protect structures from rain, sleet, or snow while bringing life and character to spaces.



Curved Panels

Map your perforated design across curved panels, manufactured to flow organically within your configuration and design demands.



Sunscreens

Design unique sunscreens that create shade to protect buildings and occupants from harmful UV rays while reinforcing your branding.

Applications



Canopies

Extend perforated paneling seamlessly from walls to ceilings to create stylish and functional exterior canopies that offer quiet shaded areas and shelter from the elements.



Guardrails

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



Illuminated Facades

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



Building Envelope

Use Graphic Perf® to bring custom designed cladding to your building exteriors, creating an eye-catching aesthetic enhancing layer of protection from all forms of weather.

Overview

- 1 Understanding the System
- 2 Graphic Perf® Process
- 3 Case Studies
- 4 Optional Accessories
- 5 Available Finishes
- 6 Product Specifications
- 7 Available Pattern Solutions

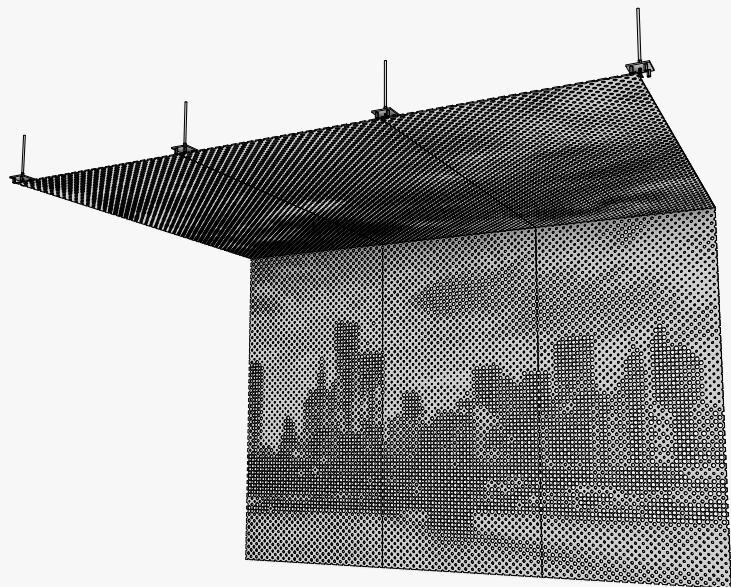
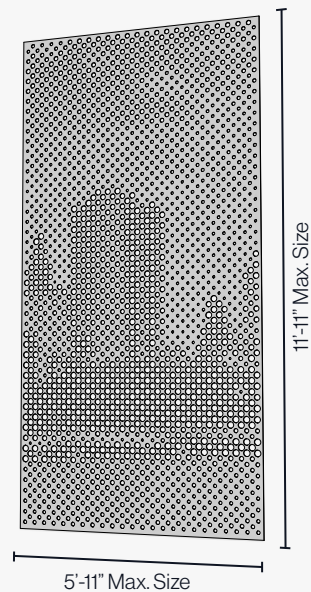
1 Understanding the System

Graphic Perf® Panel

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

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.



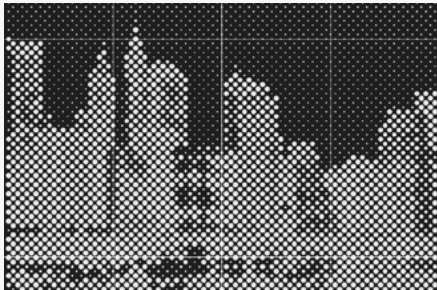
2 Graphic Perf® Process

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

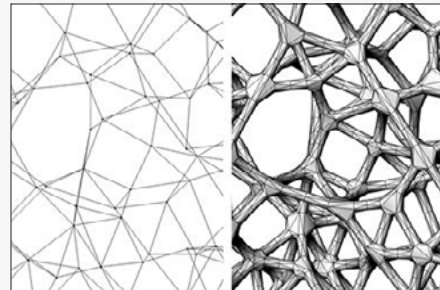
We use state-of-the-art tools and techniques to precision manufacture seamlessly tileable grid compatible panels that bring your image to life.

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.



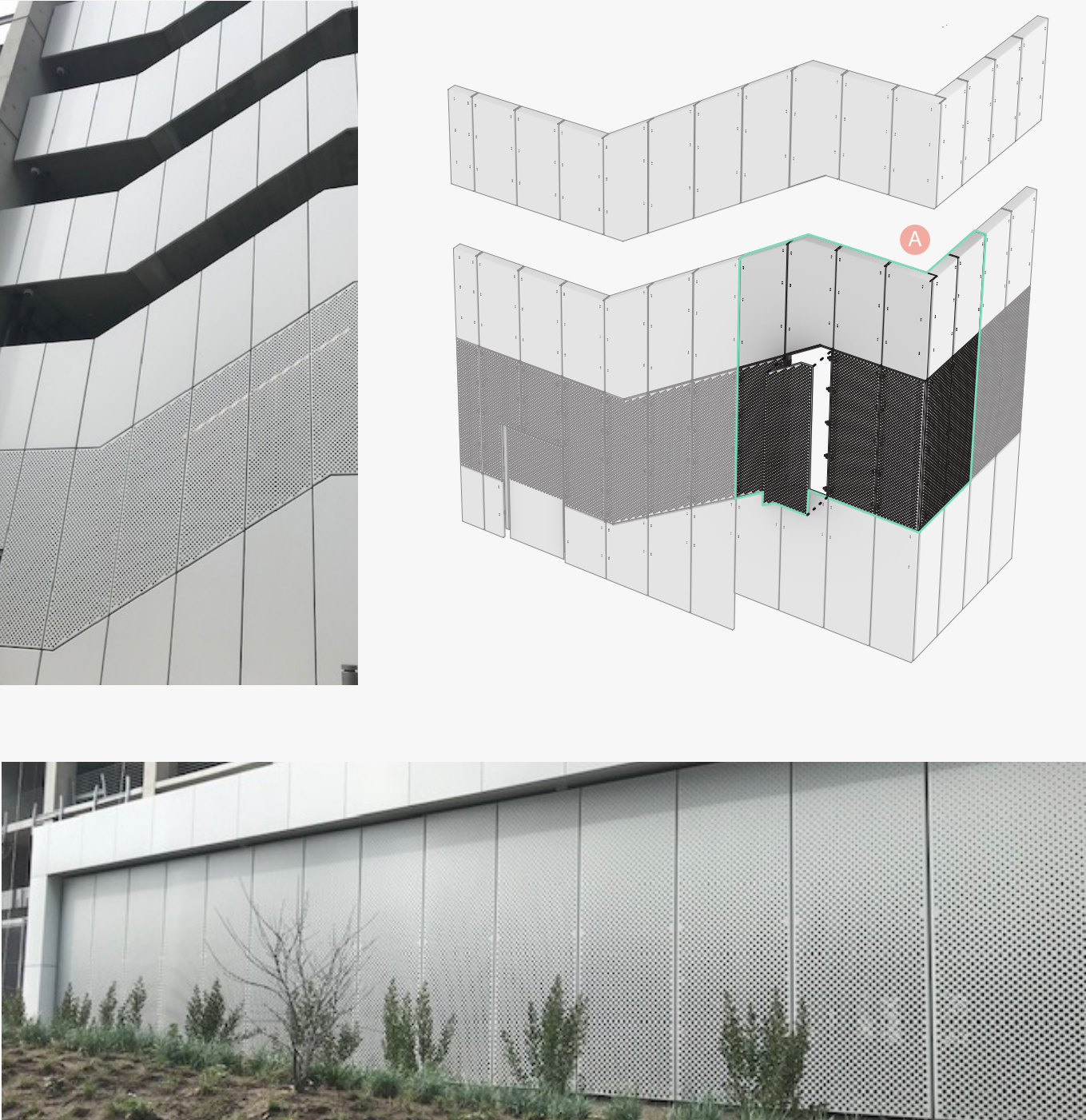
Perforation

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

3^a Case Studies - Workday

Stairwell

Gensler worked with Arktura to design the cladding for the stairwell of Workday's new HQ to aid in masking bike storage areas and new parking garage stairwell. Graphic Perf® panels utilized a gradient perforated panel for the bike storage space on the ground level. The stairwell panels used a uniform, seamless perforated pattern for ventilation.



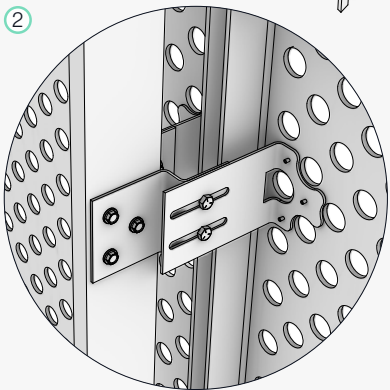
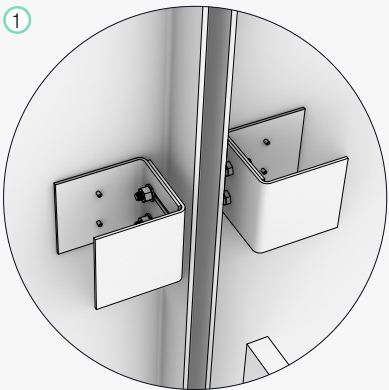
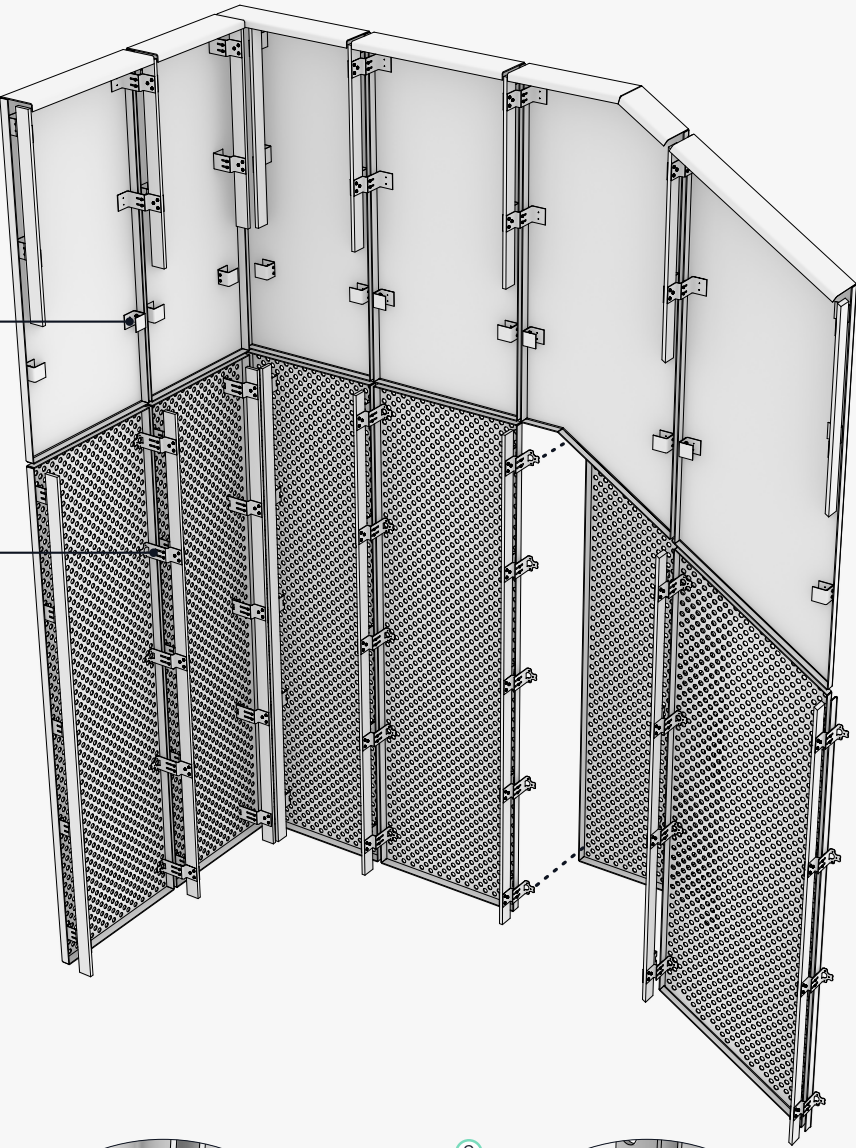
Flexible Attachments

Utilizing combination of unique standoff attachments designed to accommodate the varying panel types and configurations and attachment to substructure.

A Section - Reverse view

1 Wall Standoff

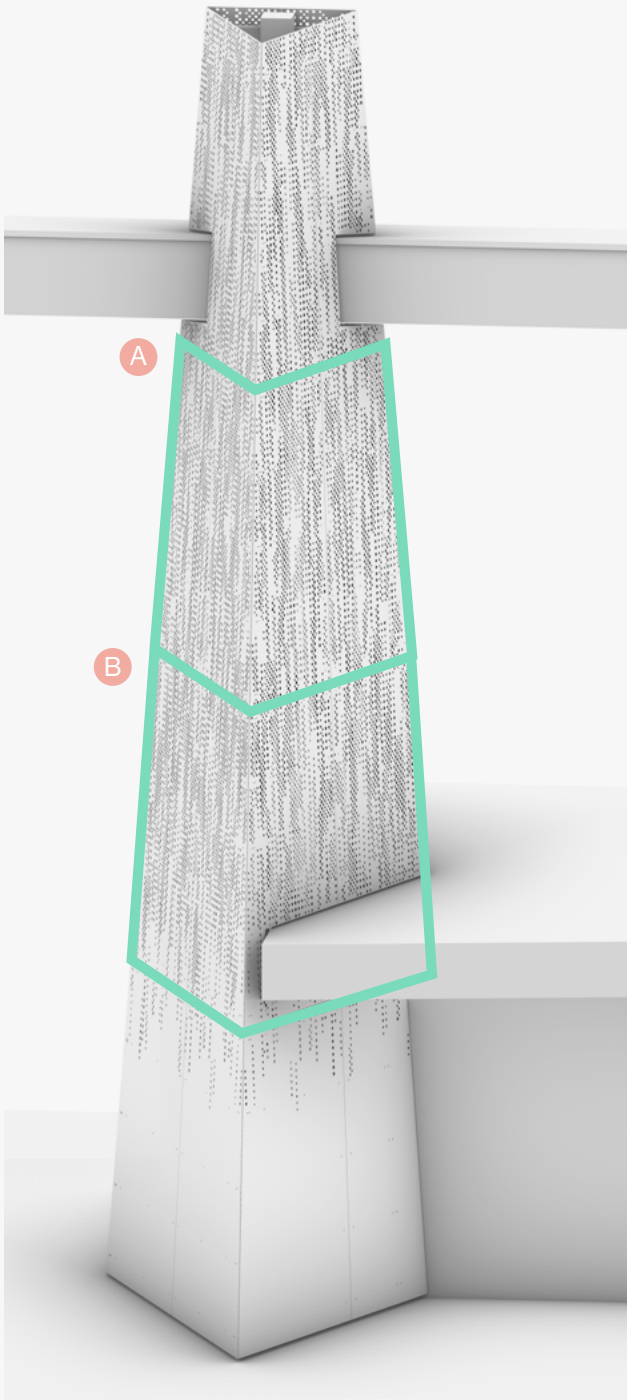
2 Guardrail Standoff



3^b Case Studies - Vince Lombardi Rest Area

Illuminated Trophy Column

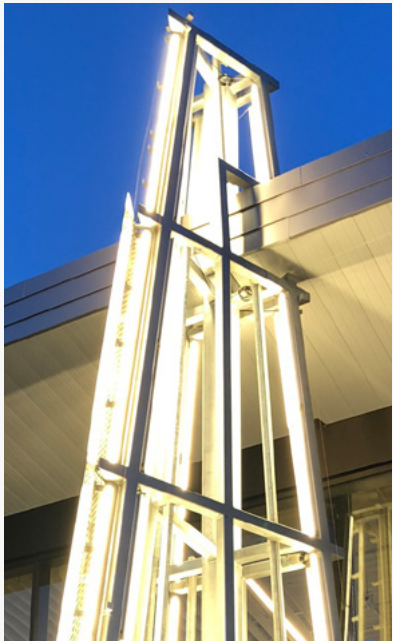
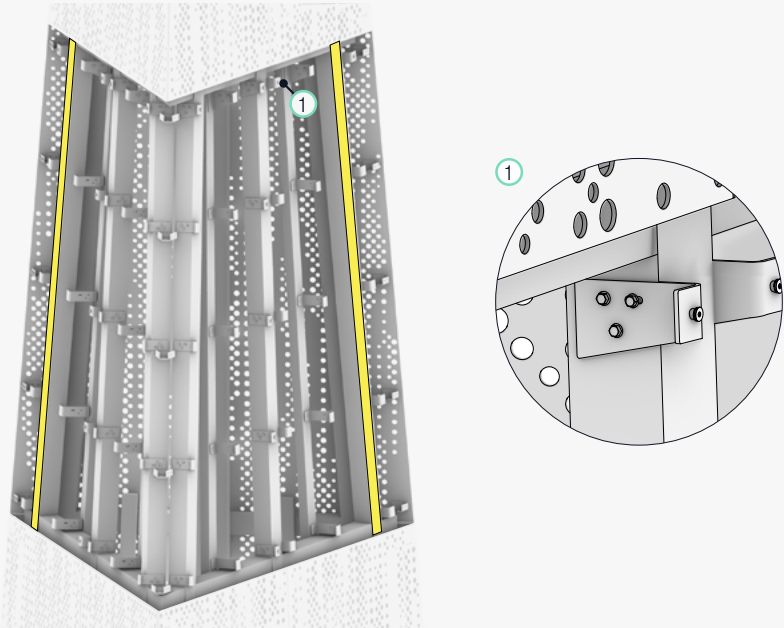
The design for the entrance to the Vince Lombardi rest area by DNA Architects was inspired by the NFL Vince Lombardi trophy. The base of the trophy was recreated with backlit Graphic Perf® Scripted exterior panels.



Seamless pattern across complex geo form - Light Integration by Others

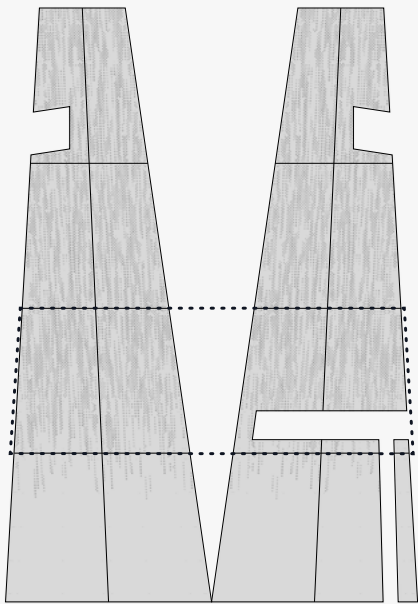
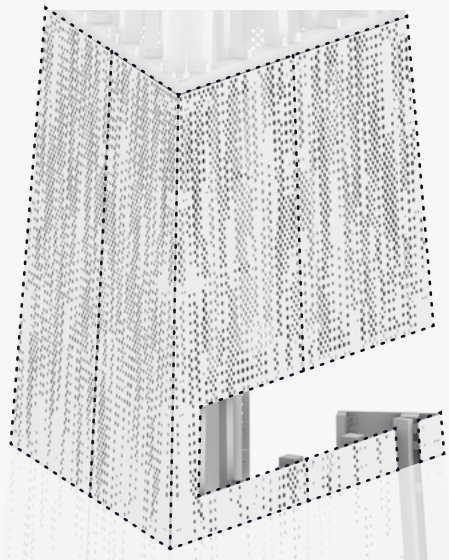
Utilizing a combination of unique standoffs attachments to the angular obelisk base, designed to prevent the standoffs interfering with perforations and accommodating feature beacon light effect by others.

A Integrated With 3rd Party Lighting & Framing



B Custom Irregularly Cut Panels/Patterns

Through proprietary technology Arktura executed a seamless patterning of gradation from the top to the base of the structure utilizing a combination of unique custom panels.



3^o Case Studies - PTC Boston

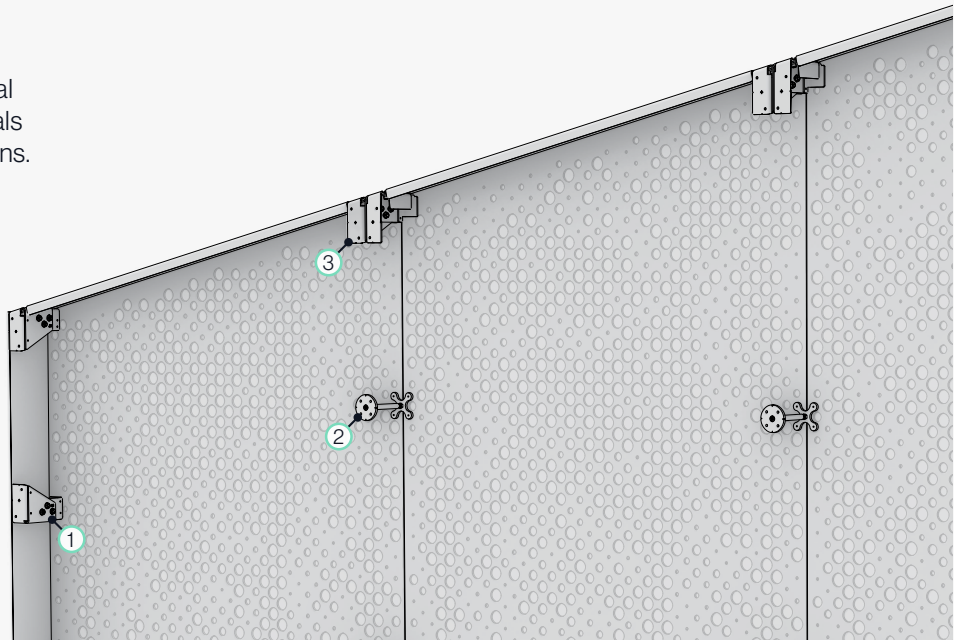
Backlit Arboreal Feature Wall

Technology company PTC turned to Margulies Perruzzi Architects to design their new headquarters in Boston as a cutting edge and innovative space to attract and retain talent. The backlit exterior Graphic Perf® feature wall brings native forests of the region to life on the rooftop office terrace provoking inspiration, innovation, and overall wellness.



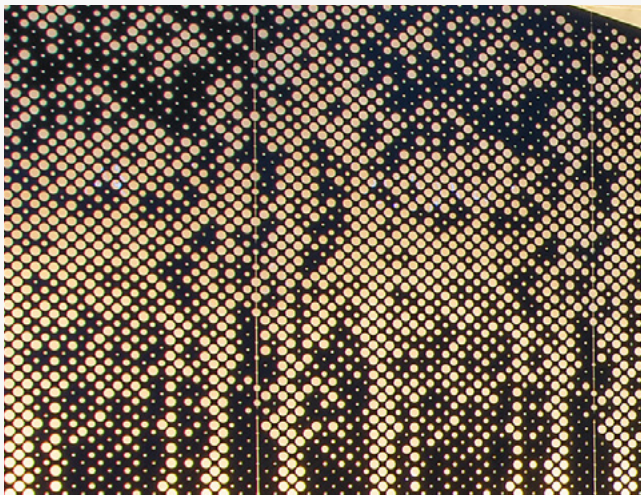
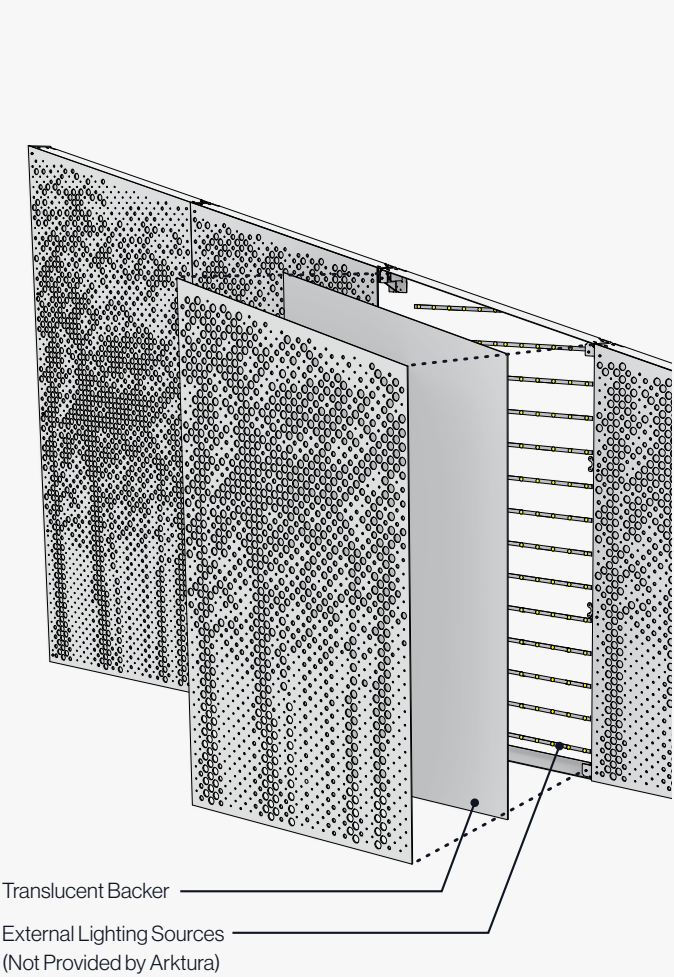
Attachment Method

Unique combination of standoffs were developed to maintain structural requirements without impeding visuals representation of arboreal perforations.



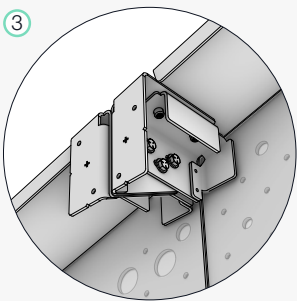
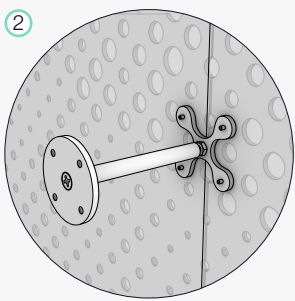
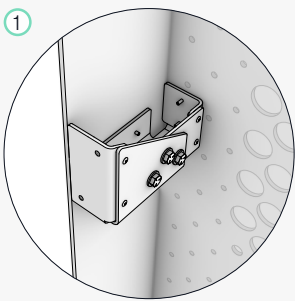
Translucent Backers

Arktura provided translucent backers to help diffuse and distribute lighting, provided by others, evenly across perforations.



Flexible Attachments

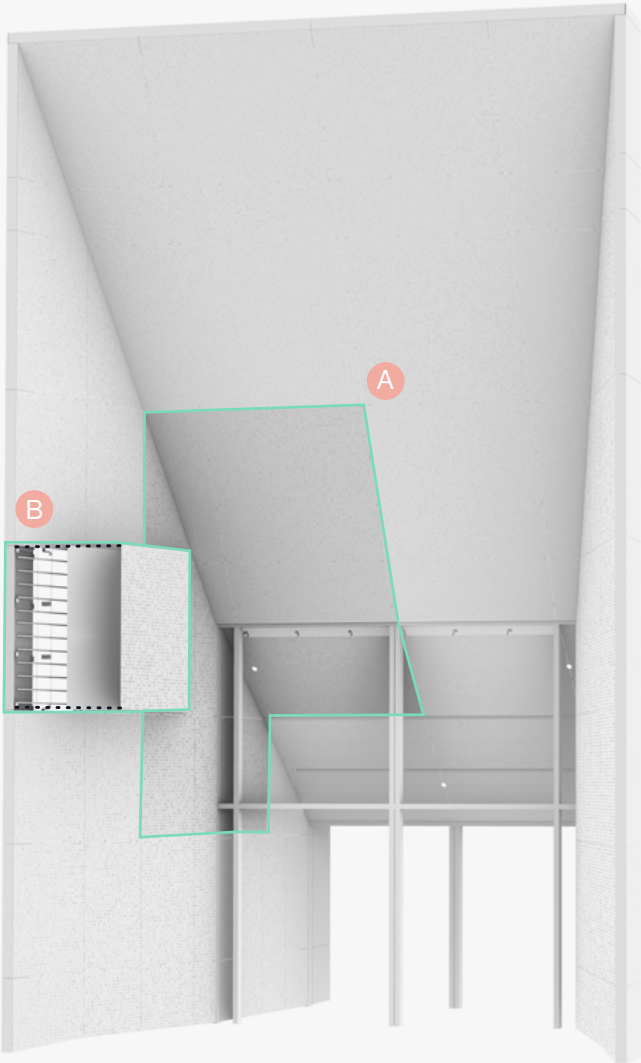
The unique standoff attachments were designed to accommodate the cavity depth required to house components provided by outside supplier of backlight system.



3^d Case Studies - Tysons

Marquee Entrance

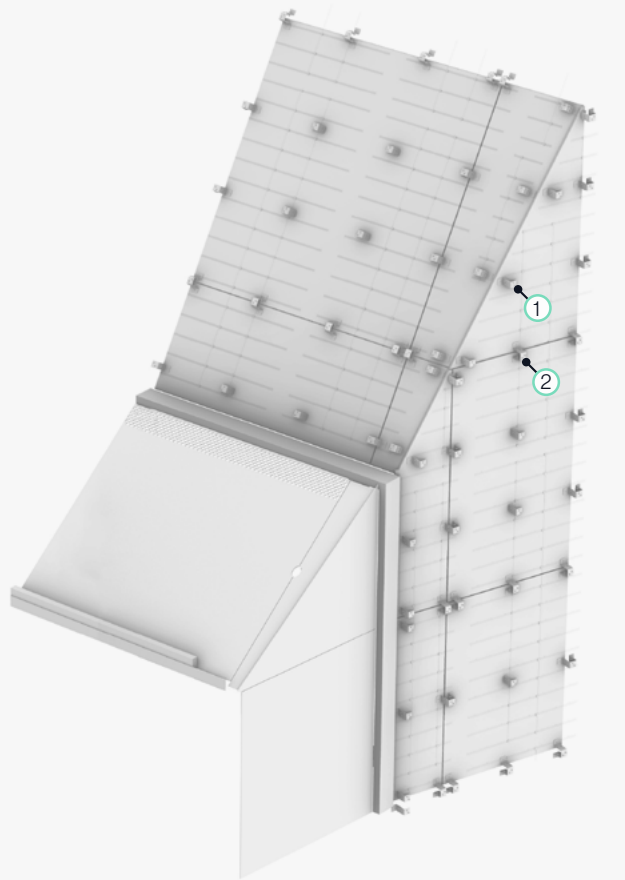
The renovation of 1676 International, Tysons Drive involved the transformation of the entrance from a heavy canopy to something that would be light and inviting. This was accomplished with a large tapered form that draws people inside. The form is also further emphasized and highlighted by a custom scripted gradient pattern of backlit perforations that transition to a solid relief pattern further in. The combination of the backlighting and the champagne color create a glowing entrance, particularly at night.



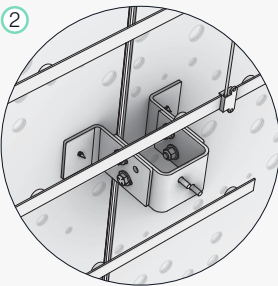
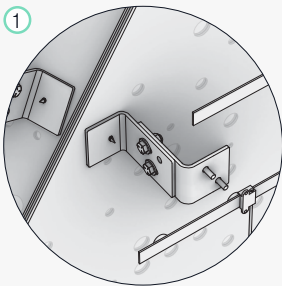
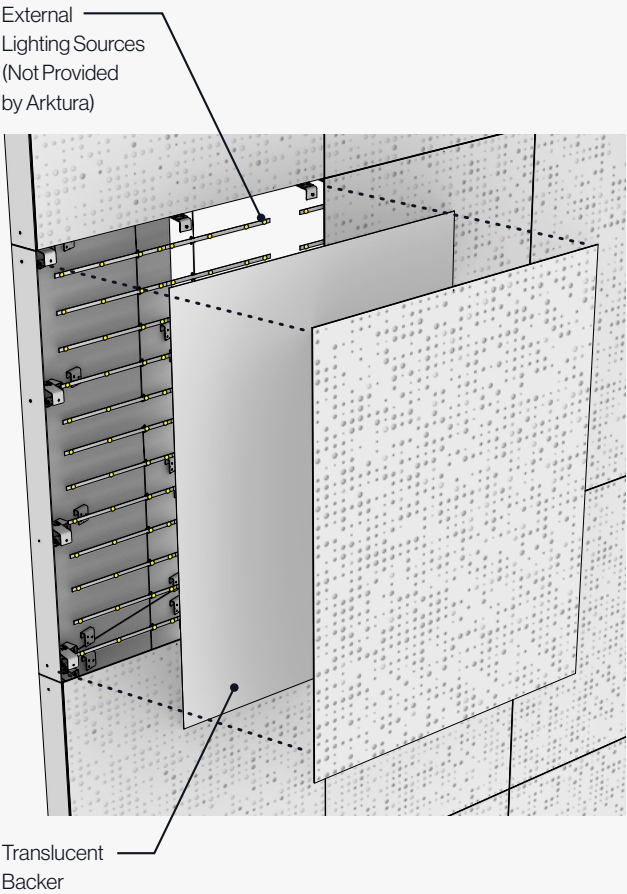
Physical and Illuminated Texture

Departing from the fully perforated pattern, Arktura utilized patterning with partial relief to help emphasize the textural pattern created in tandem with the lighting supplied by others.

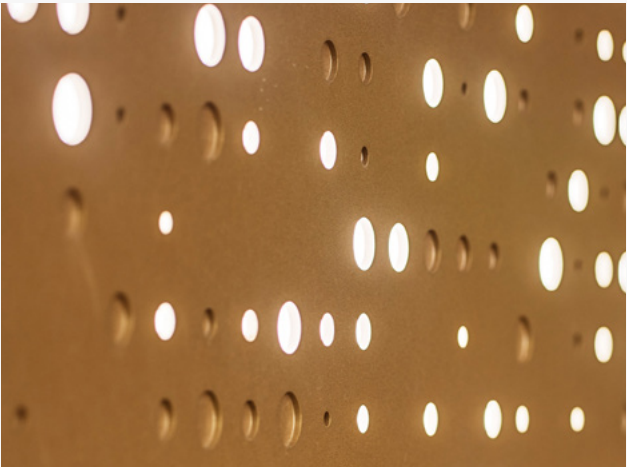
A Section - Reverse view



B Removed Panel



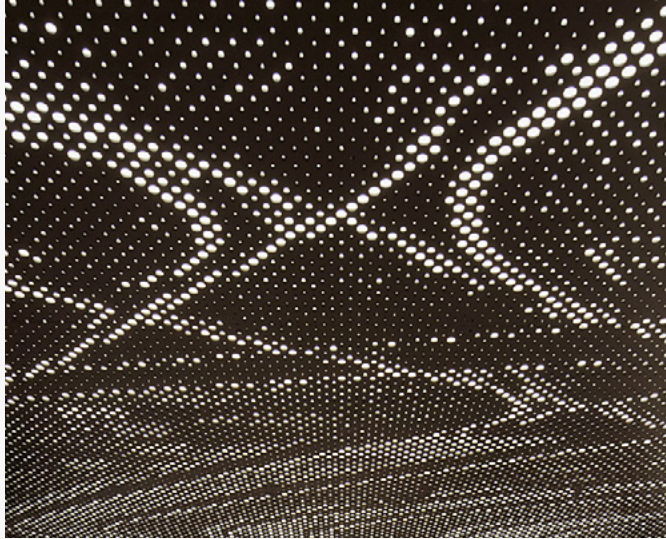
Two Standoff Methods designed to maximize support and prevent obstruction of perforations.



4

Optional Accessories

Lighting

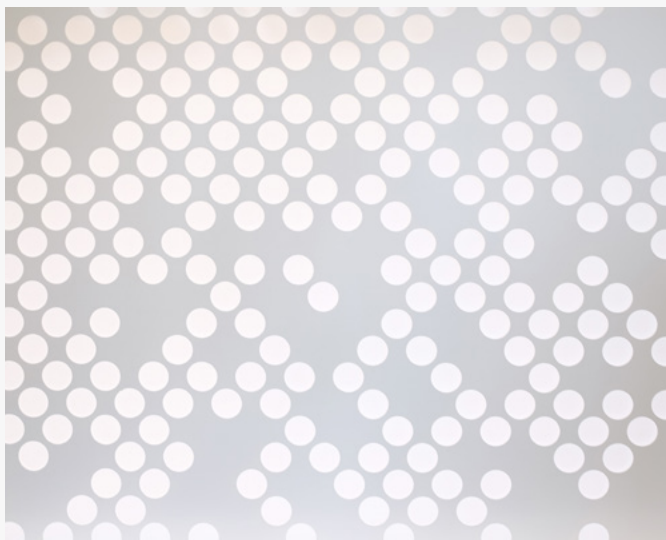
**Backlighting**

Arkтура 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.

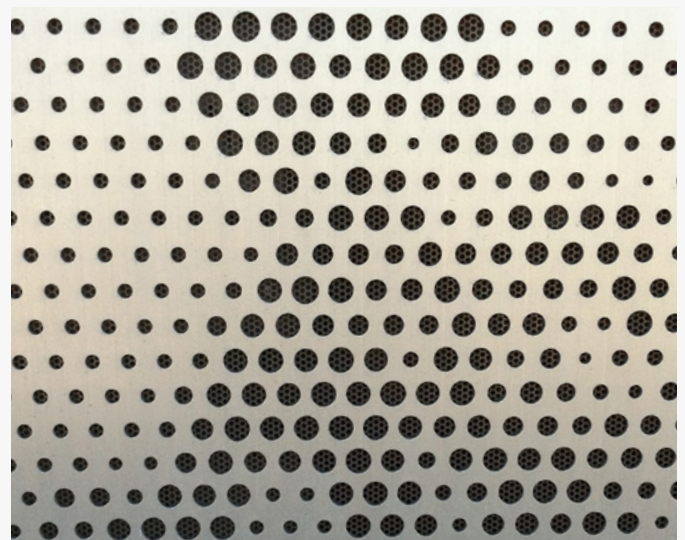
**RGB Lighting**

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

Backers

**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.

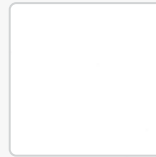
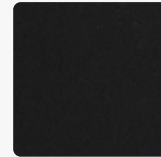
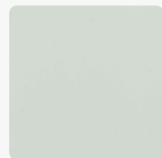
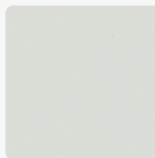
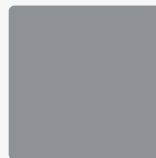
5

Available Finishes

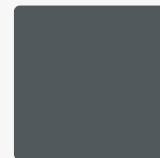
Aluminum Panel

Powder Coat

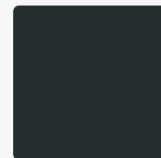
Standard Finish

T-Grid White*
(Matte)Arktura White
(Matte)Brilliant White
(Gloss)Silver Metallic
(Semi Gloss)Jet Black
(Matte)Aviator Gray
(Gloss)Aviator Gray
(Matte)

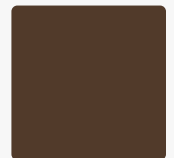
Steel Gray



Shadow



Midnight



Coffee



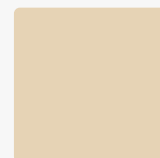
Raw Umber



Caramel



Sandstone



Oat



Sunflower



Torch

Spirit Red
(Matte)

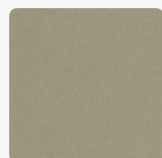
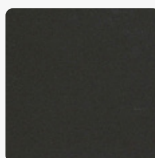
Azure



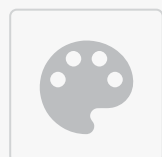
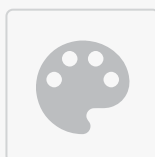
Blue Steel



Forest Green

Powder CoatPremium Metallic
FinishChilled 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
RALNon-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.

6

Product Specifications & Certifications

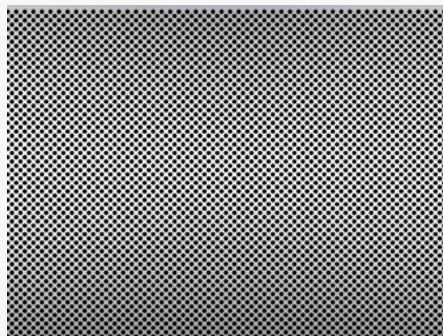
System Specs

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

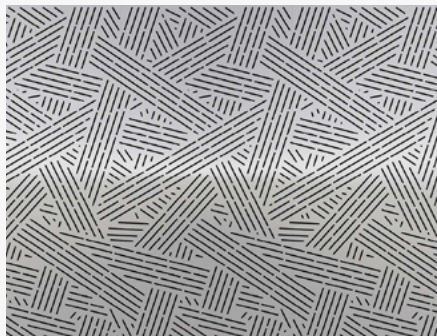
7 Available Pattern Solutions

Inspiration Library

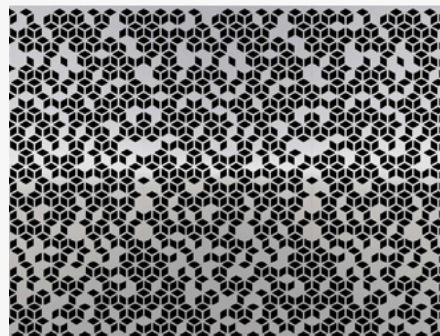
Choose from a variety of patterns from Vapor®, Graphic Perf®, Trace®, or SoftScreen® to transpose into a Graphic Perf Scripted Solution, create a custom Photoreal Image of your own, or visit www.arktura.com for more inspirations.



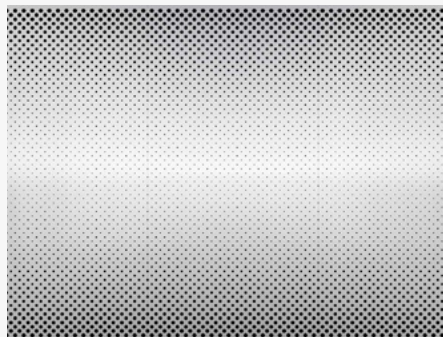
Mesh



Weave



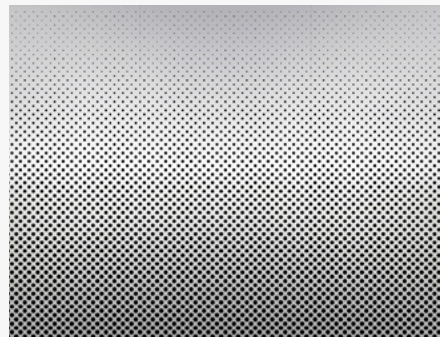
Cora



Vanish Out



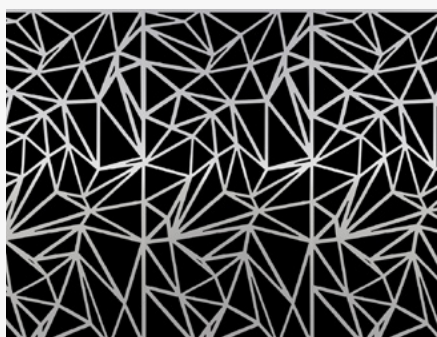
Terra



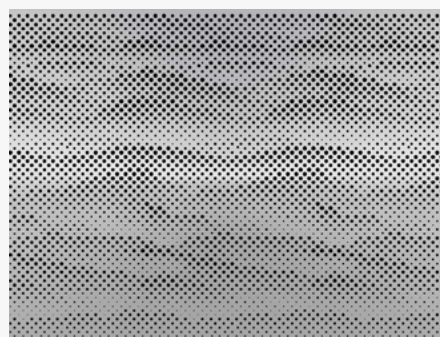
Horizon



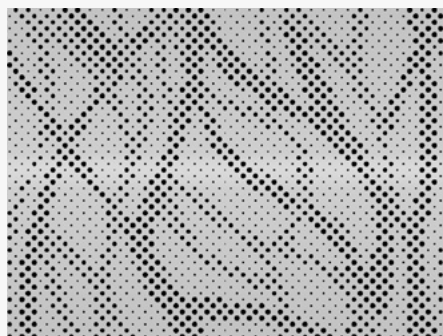
Frequency



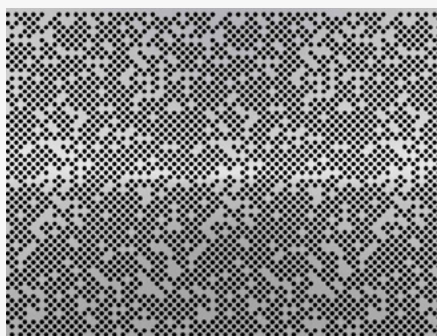
Vertex



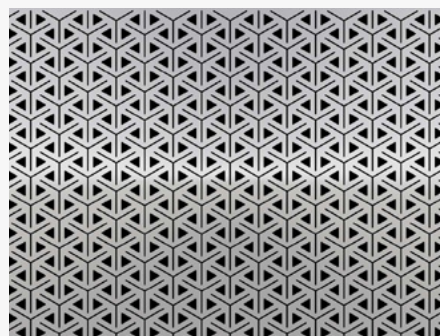
Mist



Liana



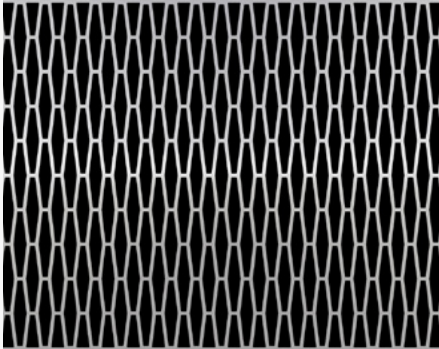
Cluster



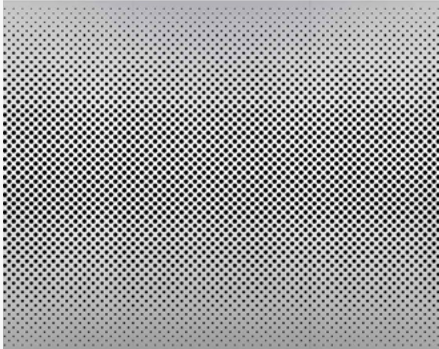
Alcazar

7 Available Pattern Solutions

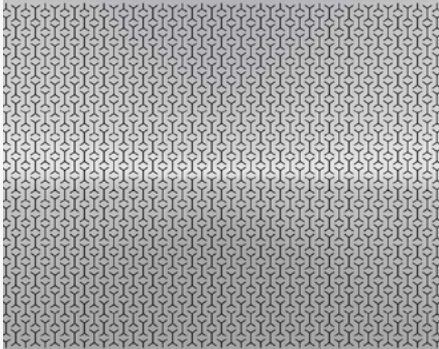
Inspiration Library



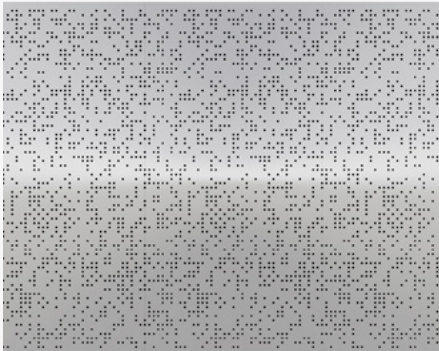
Stack



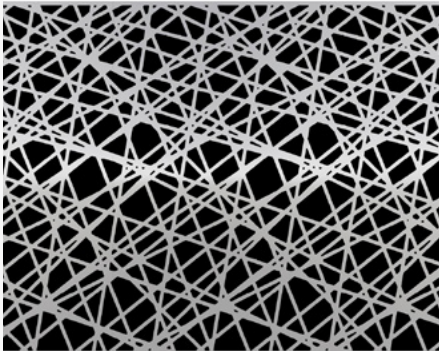
Vanish In



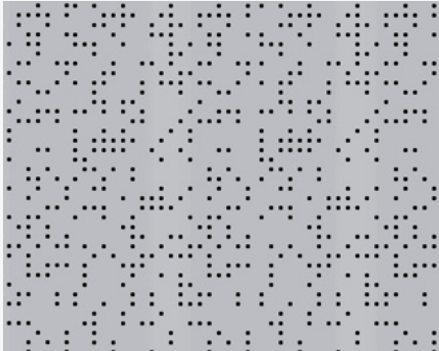
Knit



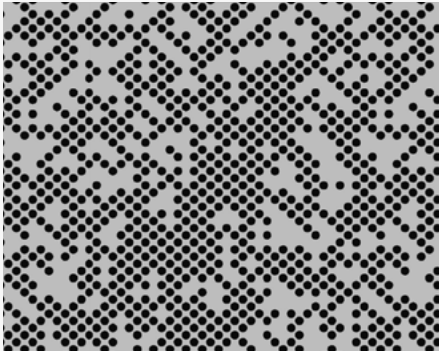
Syntax



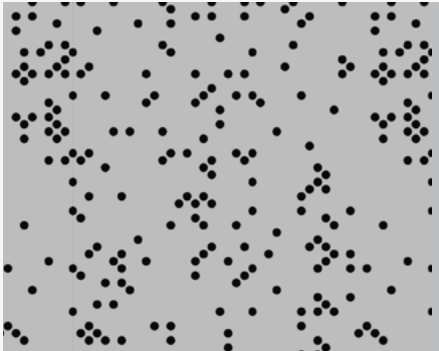
Trace



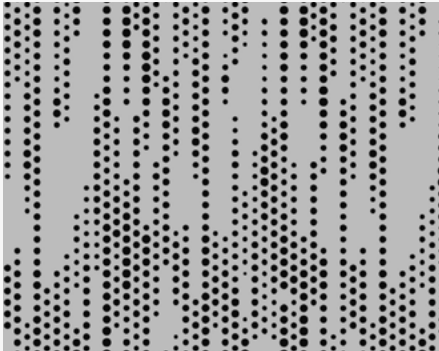
Syntax



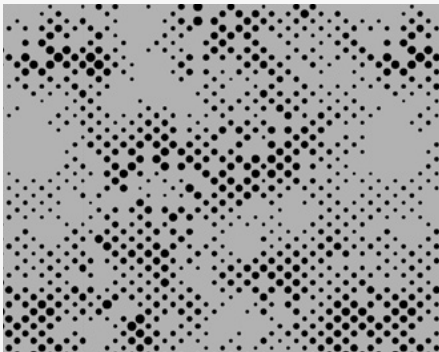
Cluster Dense



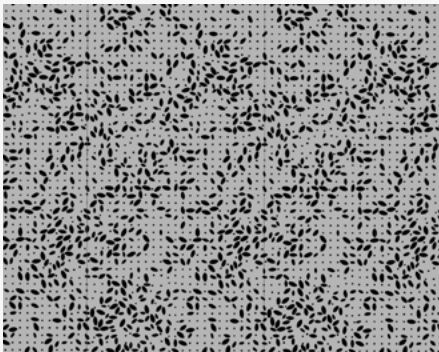
Cluster Sparse



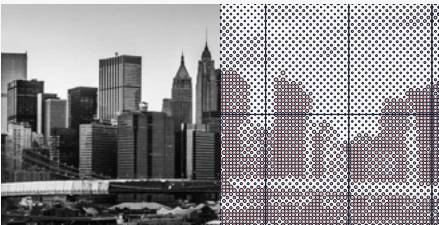
Trail



Cumula



Bloom



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