

ARKTURA

Vapor® Bloom

Ceiling & Wall **Panels**

Fueling Possibilities®

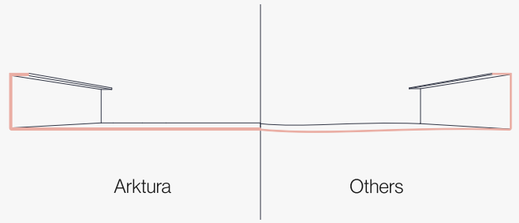
Our Key Features

Vapor® Bloom's 2'x4' powder-coated aluminum torsion spring panels bring life to spaces through biomorphic patterning that subtly evokes images of scattered foliage or blossoming petals. Add visual depth and illumination to your space by incorporating our integrated InLine Lighting or Backlighting options. Or optimize wellness by enhancing acoustic comfort and reducing the impact of noise with our high-performance Soft Sound® backers.



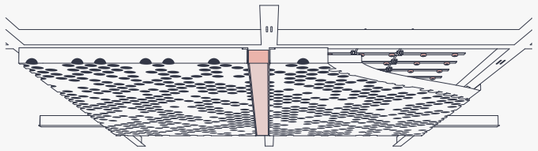
Reduce Noise & Enhance Acoustics

Vapor®'s optional Soft Sound® backer material reduces the impact of noise from everyday annoyances like ringing, typing, and chatter resulting in a more pleasant and productive environment. The Soft Sound® backer works in concert with the design to help reduce and control reverberations leaving a lasting impression at scales ranging from assembly halls to conference rooms.



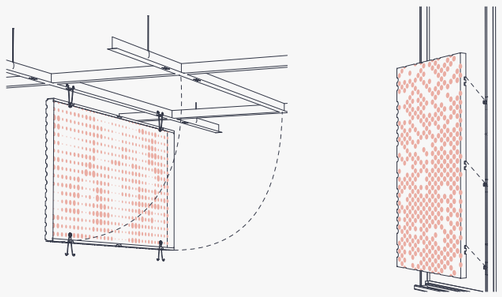
Superior Flatness & Strength

Vapor® panels are manufactured from aluminum that is on average 50% thicker than the competition, which in combination with our precision processes result in unrivaled flatness.



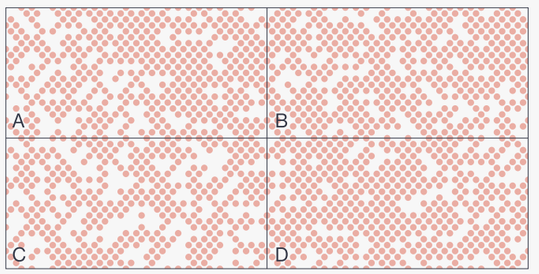
Integrated Lighting Options

Arktura's Vapor® line makes it easy to seamlessly add illumination and lighting effects to your projects, through available integrated InLine and Backlighting options.



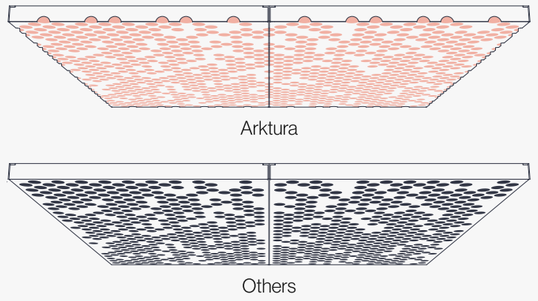
Easy Installation & Access

Vapor® panels offer easy install, using quick torsion spring attachment across standard ceiling grid systems or simple wall attachment using our Vertika® channel system.



Preconfigured Solutions

Vapor® panels are scalable, seamlessly tileable preconfigured solutions designed with a dynamic array of criteria and effects in mind. Choose from our growing library of patterns to uniquely impact your project.



Continuous Pattern Aesthetic

Achieve uninterrupted patterning across your space. Vapor® patterns have perforations that wrap around the edges of each panel, concealing where patterns start and end.

Inspiration



Create Dynamic Wall to Ceiling Transitions



Illuminate your Space with Arktura Backlighting



Make an Eye-Catching Entrance

Overview

1 Understanding the System

2 Optional Accessories

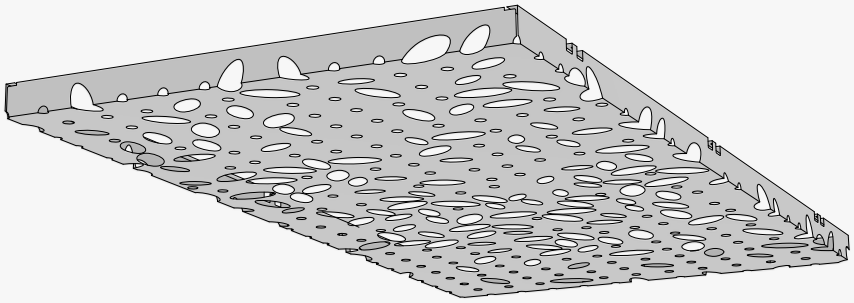
3 Available Finishes

4 Product Specifications

1 Understanding the System

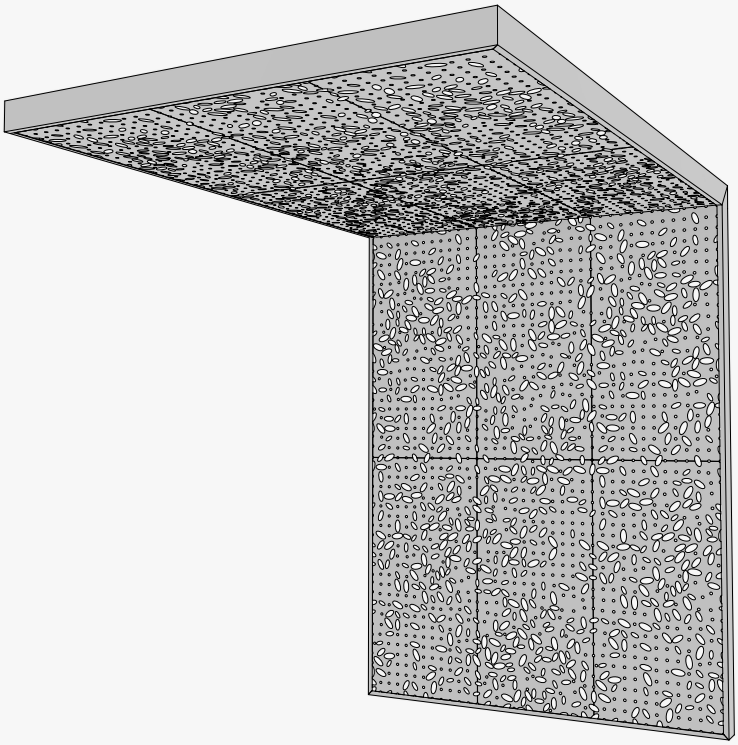
Standard Panel

Vapor® is a modular accessible aluminum panel system designed to work with torsion grid. Customization is available.



Seamlessly Join Walls & Ceilings

Vapor® easily transitions from one plane to another and around corners.



1 Understanding the System

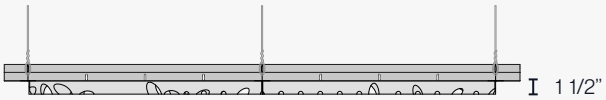
Understanding the Panel

The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space.

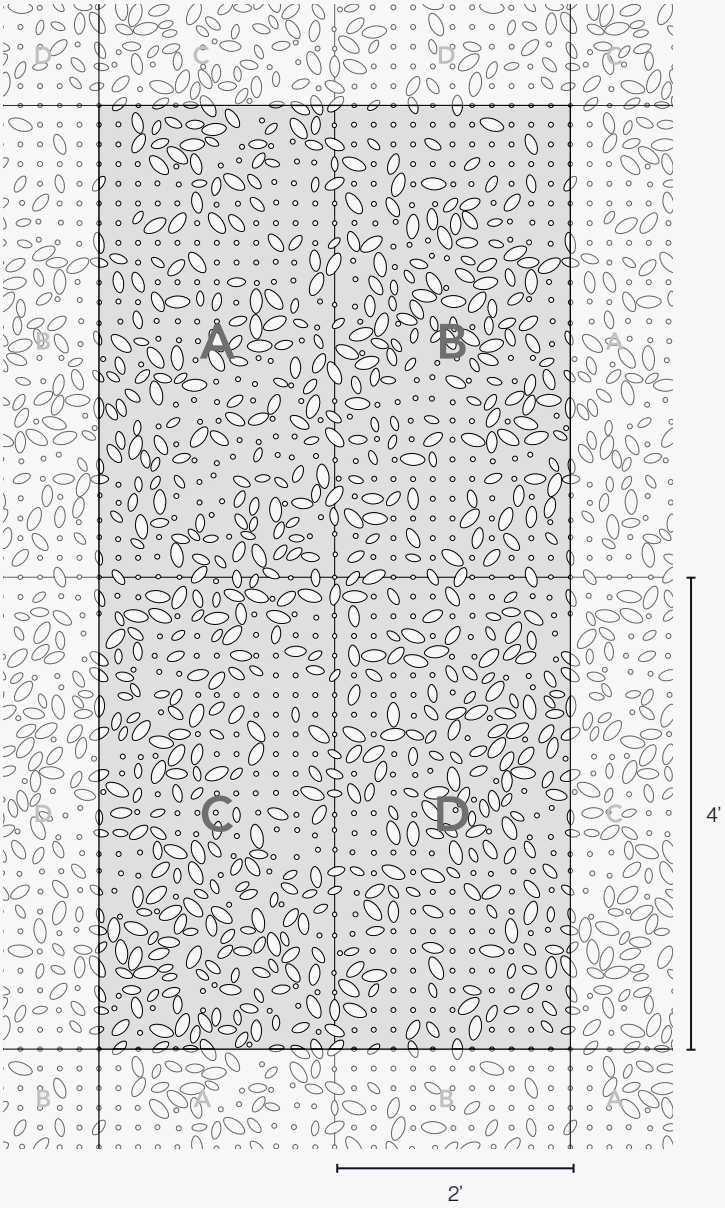
Panel A: 19% Open
Panel B: 19% Open
Panel C: 20% Open
Panel D: 22% Open

* Vertika® Trim

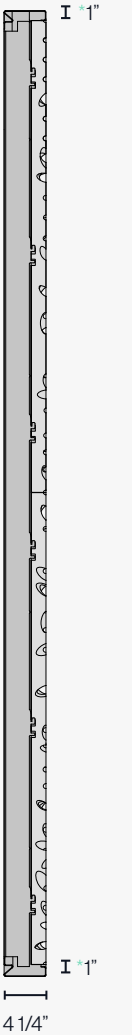
Ceiling Section



Panel Configuration, Wall or Ceiling



Wall Section



All dimensions nominal.

1 Understanding the System

Accessory Options - Ceiling

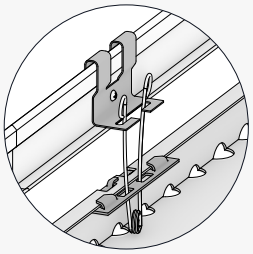
- Frosted light diffusing backer
- 1/2" acoustic backer
- Backlight
- InLine downlight

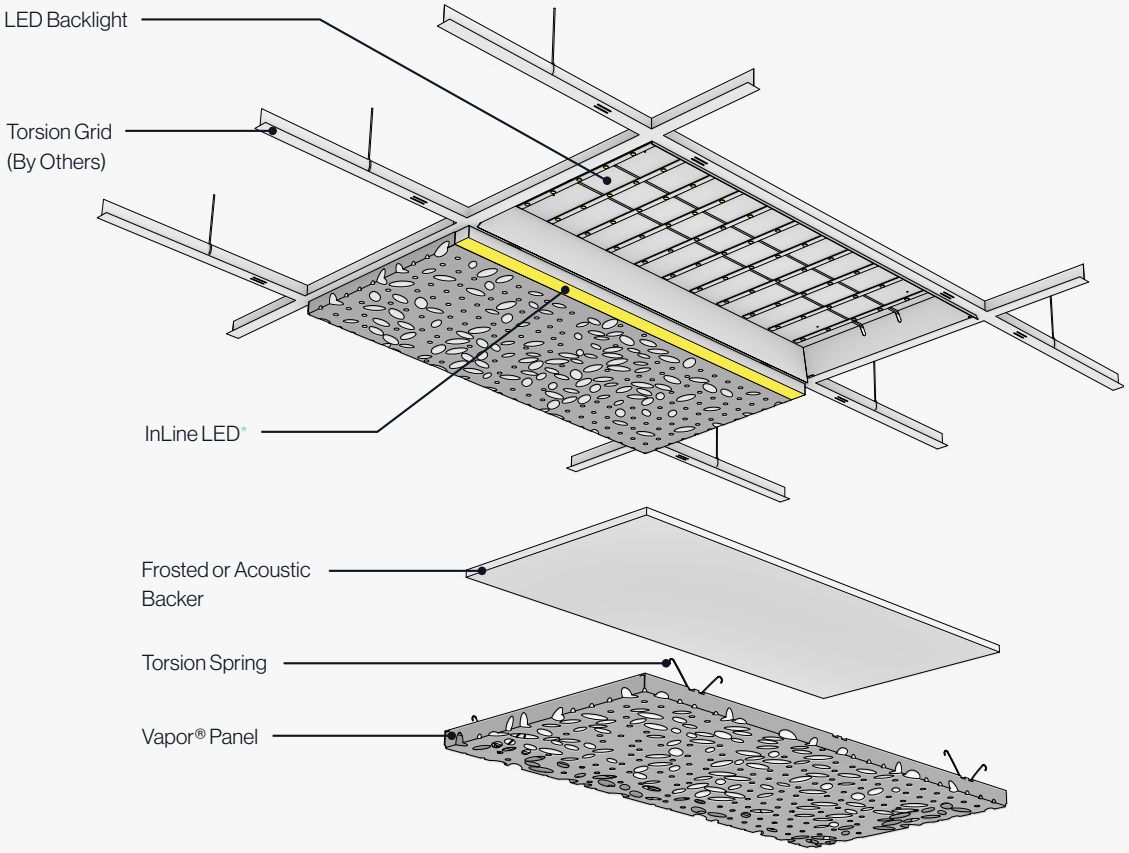
Check out our Configuration examples on PAGE 10.

* A Specific Inline light panel is used to accomodate the width of the fixture within the 2' width.

Torsion Spring Adapter Clip

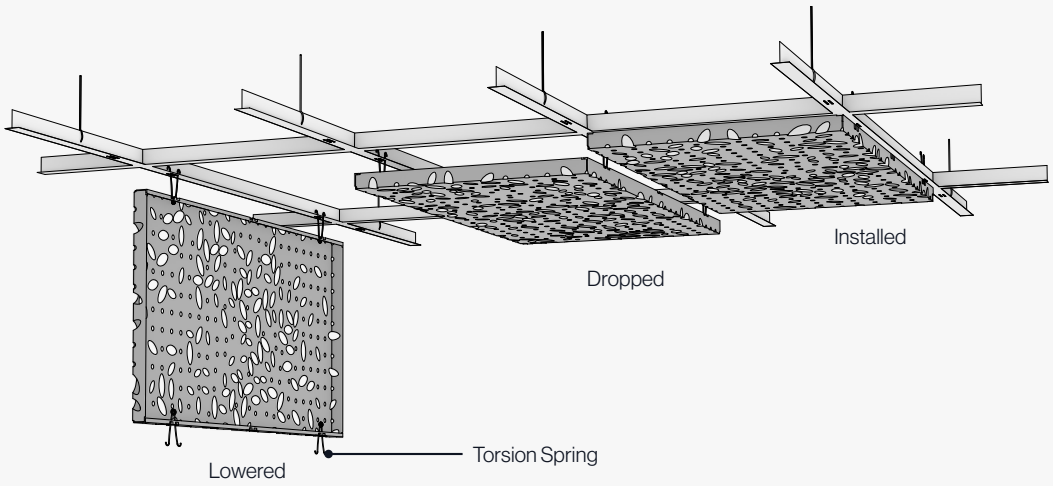
Interested in using standard t-grid? Use our optional Torsion Spring Adapter Clip.





Attachment System - Ceiling

Torsion Spring clips allow for rapid install and easy access for maintenance above the grid post install.



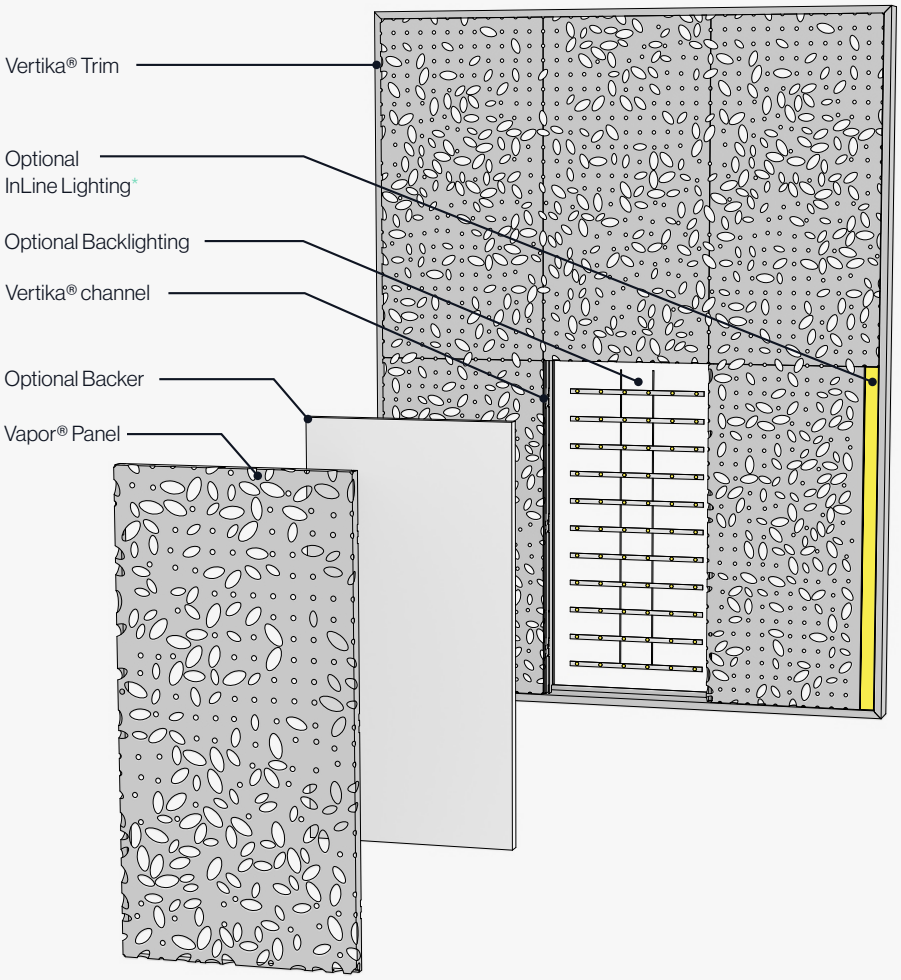
1 Understanding the System

Accessory Options - Wall

- Frosted light diffusing backer
- 1/2" acoustic backer
- Backlight
- InLine light

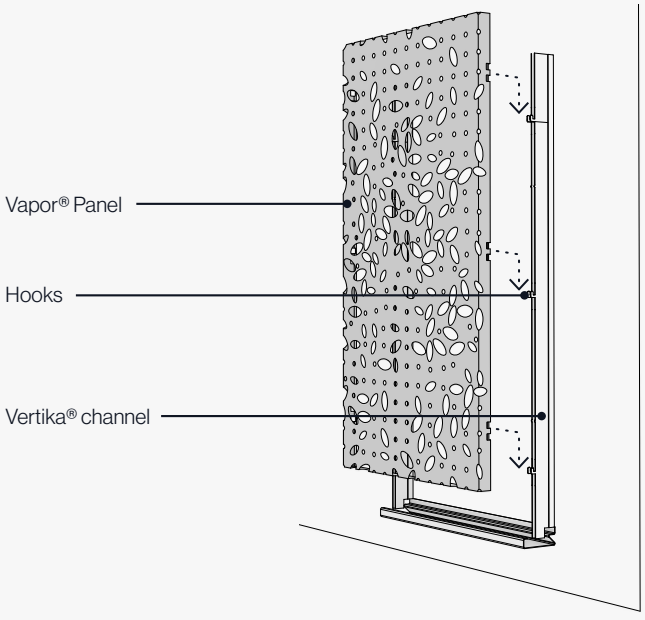
Check out our Configuration examples on PAGE 10.

* A Specific Inline light panel is used to accomodate the width of the fixture within the 2' width.



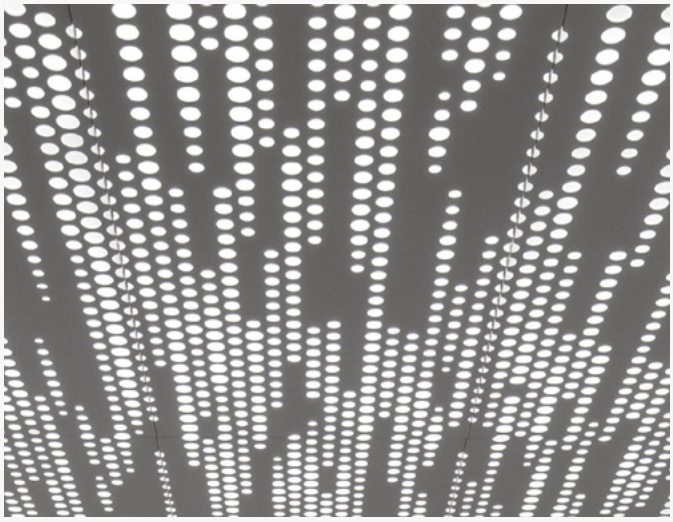
Attachment System - Wall

Panels are easily installed or removed by sliding onto or lifting off from the system's Vertika® channel hooks.



2 Optional Accessories

Lighting



Backlighting

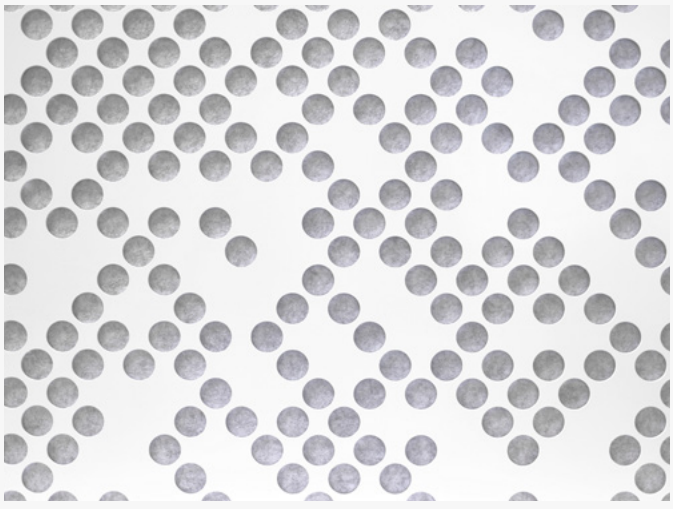
Arktura Backlighting allows you to fully illuminate your ceiling and wall panel installs, creating beautiful evenly lit surfaces. These fixtures are available in high and low output versions, both dimmable. See Backlighting specs details on PAGE 14.



InLine Lighting

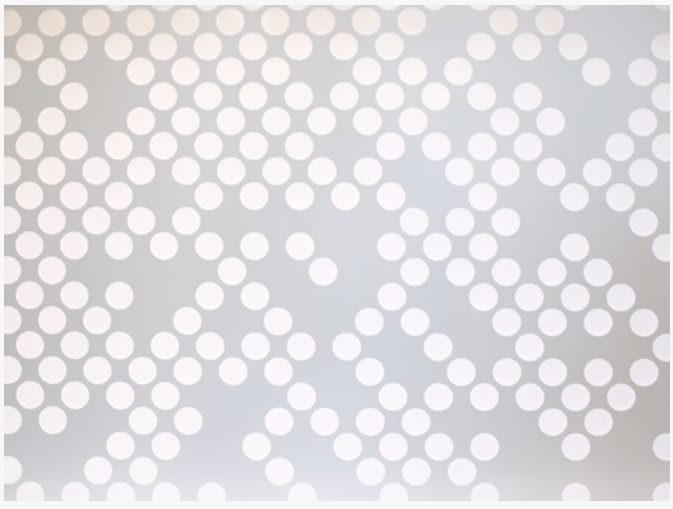
Our InLine Light sits flush with the face of the panels while conveniently attaching to the bottom of the grid. The fixture is available in 4' and 8' lengths. A special side-light Vapor® panel allows the light to straddle its 4' edge while staying within a 24" overall width. See Inline Lighting specs details on PAGE 15.

Backers



Acoustic Backer

We offer various options of Soft Sound® panel inserts to achieve a variety of NRC ratings. Please refer to our True NRC® table of ratings.



Translucent Backer

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

ⓘ Illustrative images. Patterns may not match the product.

2 Optional Accessories

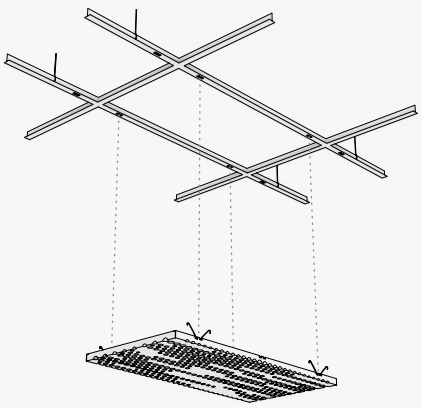
Possible Configurations

Refer to the chart and corresponding diagrams below for available configuration options.

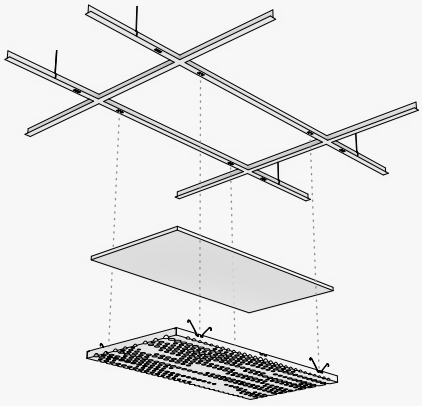
	No Backer	Translucent Backer	Soft Sound® Backer
No light	A	B	C
Backlight		D	
InLine	E	F	G

ⓘ Looking to combine backlight with acoustic performance in the same panel? Check out our VaporSoft® line.

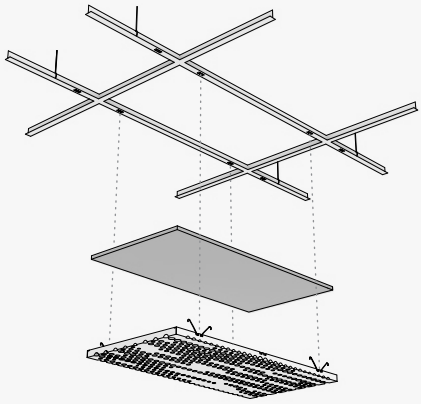
A



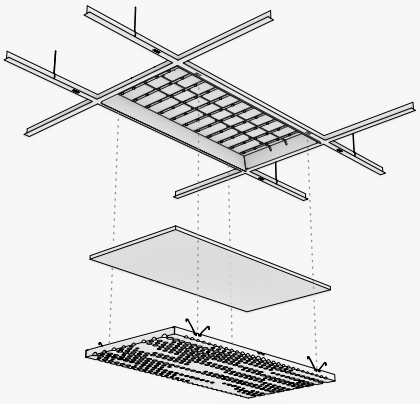
B



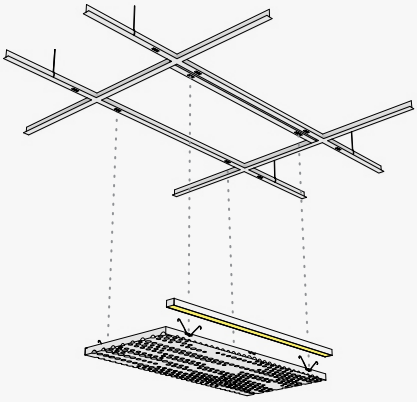
C



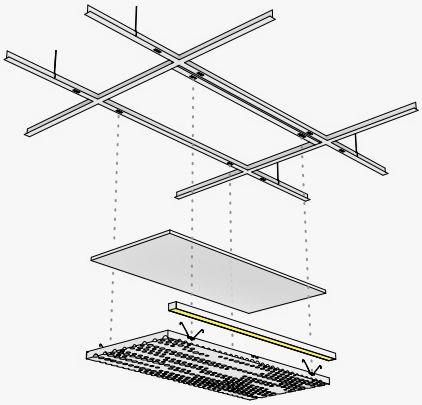
D



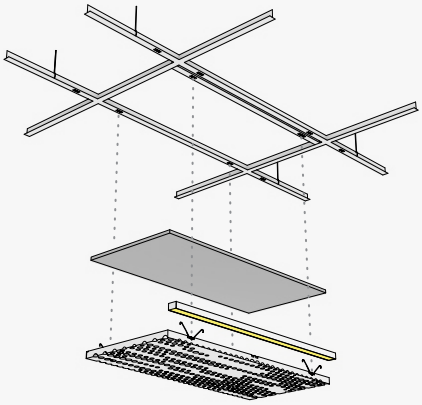
E



F



G



ⓘ Illustrative diagrams. Patterns may not match the product.

3 Available Finishes

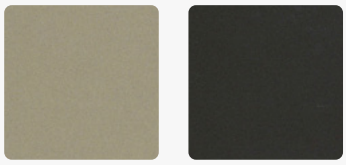
Aluminum Panel

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

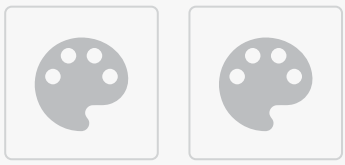
Powder Coat
Premium Metallic Finish



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.

3 Available Finishes

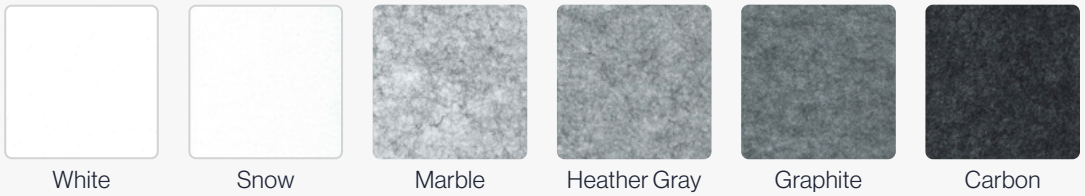
Optional Translucent Backer

Polycarbonate
Available in interior and UV stable exterior options.

Frosted

Optional Soft Sound® Backer

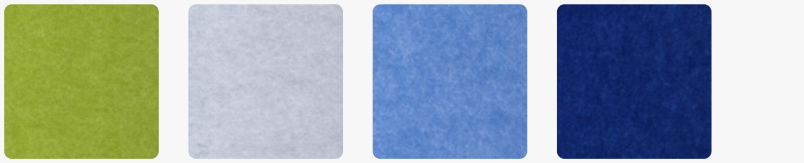
Soft Sound® Color Group A
Standard



White | Snow | Marble | Heather Gray | Graphite | Carbon



Onyx | Apple | Tangerine | Lemon | Taupe | Sand



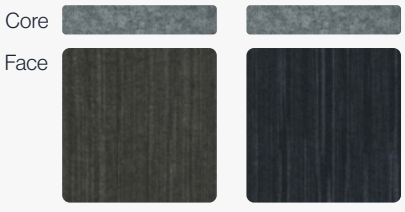
Kiwi | Whisper | Sky Blue | Denim

Soft Sound® Wood Texture
Premium

ⓘ As with natural wood, variation in color and grain is expected and grain will not align across panels.



Gray Ash | White Oak | Golden Oak | Oak | American Walnut | Charred Oak



Charred Ash | Ebony

ⓘ 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.

4 Product Specifications & Certifications

System Specs

Panel Size (WxHxD)	2' x 4' x 1 1/2"
Material	Aluminum
Openness in Plan	20%
Fire Rating	ASTM E84 - Class A
Acoustics (with optional Soft Sound® backer)	True NRC® 0.75: Ceiling ; E-300 Method True NRC® 0.75: Wall ; F-70 Method
Ceiling Attachment	Torsion Grid (By Others)
Wall Attachment	Vertika® Wall (Refer to Vertika® Brochure)
Accessibility	Torsion Spring Hinge
Trimmability	Yes, per installation manual
Optional Accessories	Acoustic Backer, Translucent Backer, Backlight, InLine Light, Torsion Spring Adapter Clip

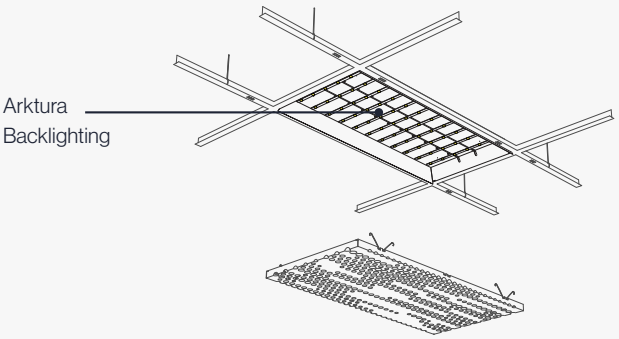
Copyright ©2021-2021 Arktura LLC. All rights reserved.

Lighting Specs

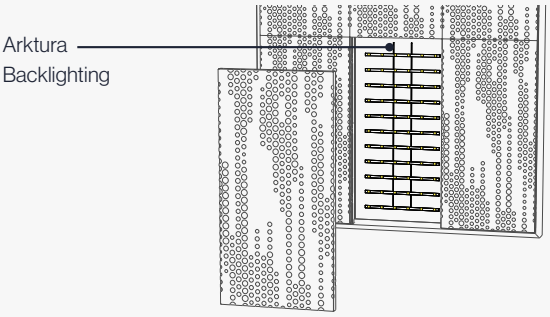
Arktura Backlighting

Available in dimmable low and high output variations, gives you the power to illuminate spaces and create dynamic visual effects.

Ceiling

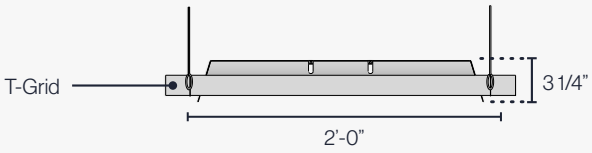


Vertika® Wall

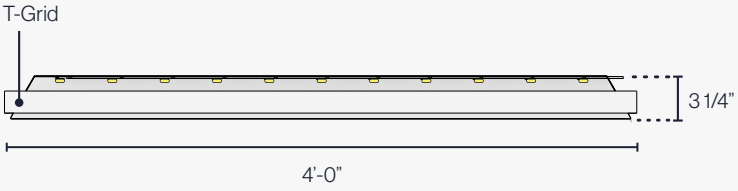


Sections

Front view



Side view

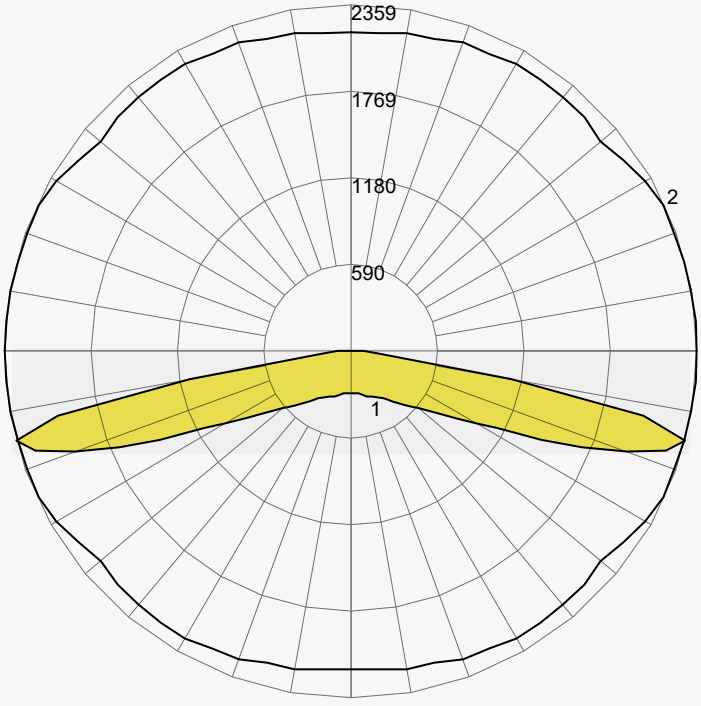


Photometric

Located At Horizontal Angle = 0, Vertical Angle = 0

 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



Specs

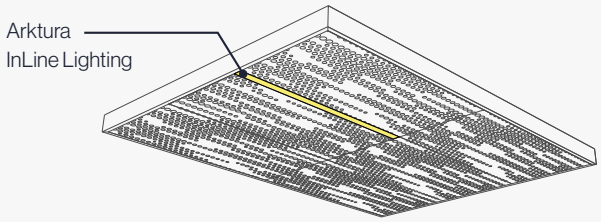
Product Features	Arktura Backlighting Eco	Arktura Backlighting
Total Lumens	2250 Lm/2x4 Panel	5940 Lm/2x4 Panel
Delivered Lumens	2250 Lm/2x4 Panel	5490 Lm/2x4 Panel
Power Consumption	25 Watts 2x4 Panel	66 Watts 2x4 Panel
CRI	80+	
Color Temperatures	3000K, 3500K, 4100K	
Size (LxWxD)	24"x48"x3 1/4"	
UL Rating	Listed	
Voltage	24 Volts	
Dimming Options	MLV, 1-10V, 0-10V	
Plenum Rated Wire	Standard	

Lighting Specs

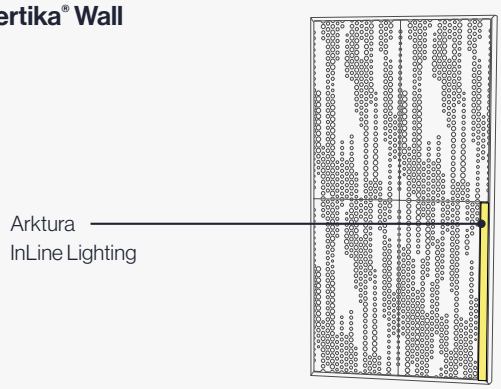
Arktura InLine Lighting

Makes it easy to seamlessly integrate linear lighting into the design of your paneling.

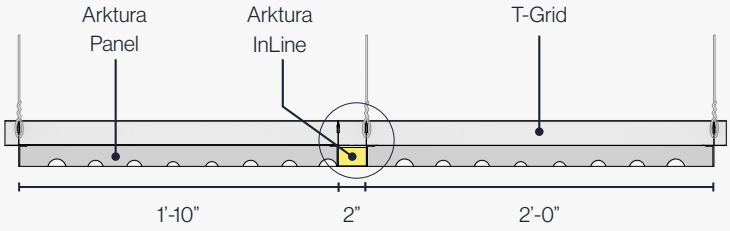
Ceiling

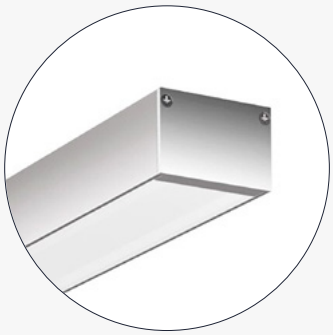


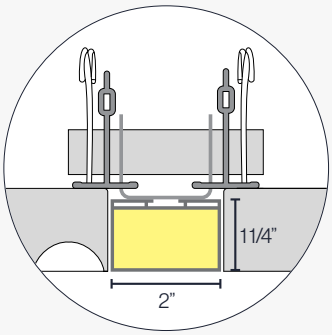
Vertika® Wall



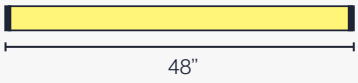
Elevations

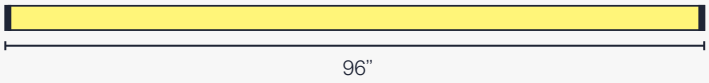






Side - Length Options



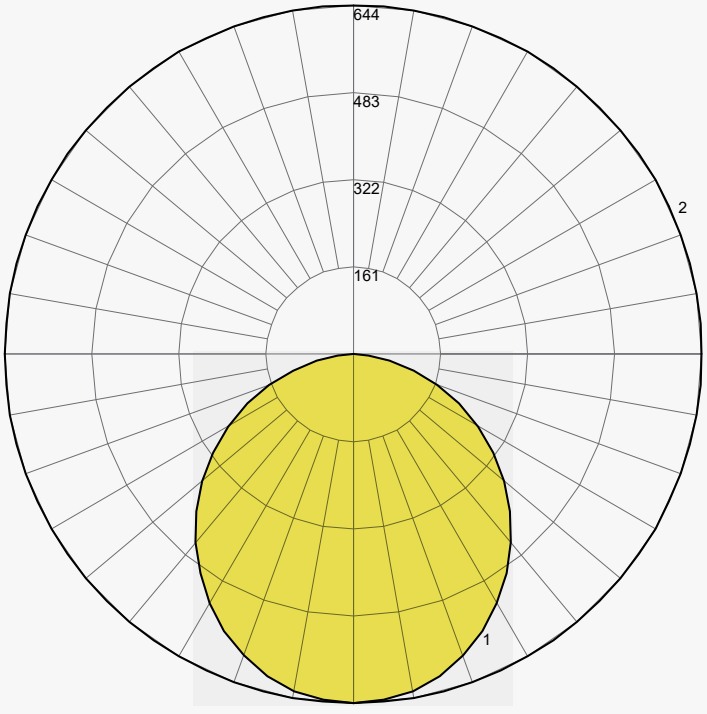


Specs

Product Features	Arktura InLine Eco	Arktura InLine
Total Lumens	640 Lm/Ft	1280 Lm/Ft
Delivered Lumens	480 Lm/Ft	960 Lm/Ft
Power Consumption	6W/Ft	12W/Ft
CRI	95+	
Color Temperatures	3000K, 3500K, 4000K	
Size (LxWxD)	48" x 2" x 1.25", 96" x 2" x 1.25"	
UL Rating	Recognized	
Voltage	24 Volts	
Dimming Options	MLV, 1-10V, 0-10V	
Plenum Rated Wire	Standard	

Photometric

Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



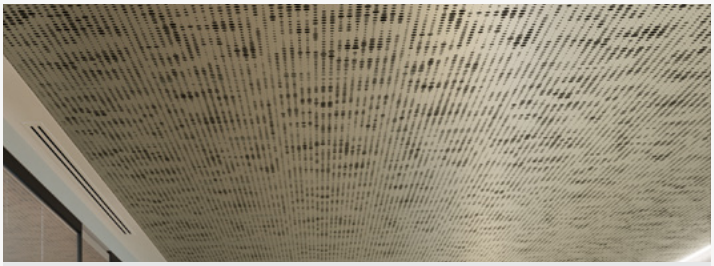
Product Line

Design Options

Vapor® offers a growing library of metal panels in preconfigured seamlessly tileable patterns that can also be mixed and matched as desired. For additional acoustic performance, take a look at our Soft Sound® faced VaporSoft®.



VAPOR® TRAIL



VAPOR® PIXEL



VAPOR® CUMULA



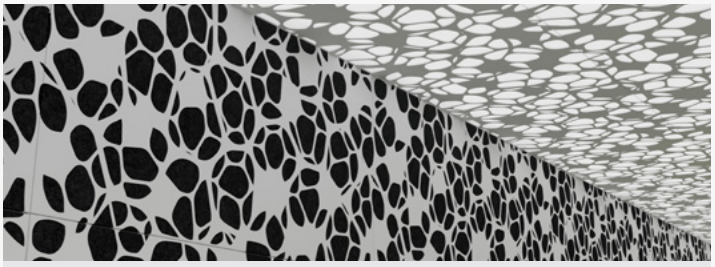
VAPOR® BYTE



VAPOR® CLUSTER



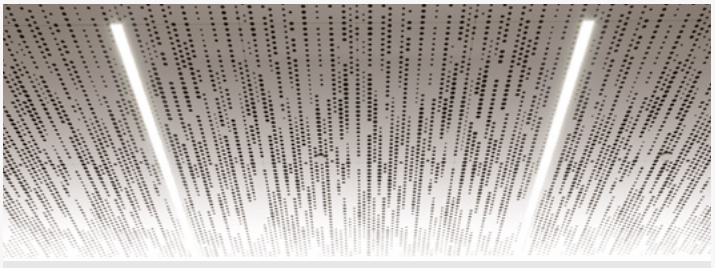
VAPOR® SYNTAX



VAPOR® SHIFT



VAPOR® CORA



VAPOR® FREQUENCY



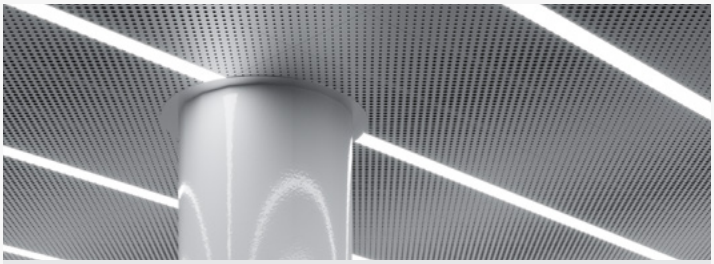
VAPOR® LIANA

Product Line

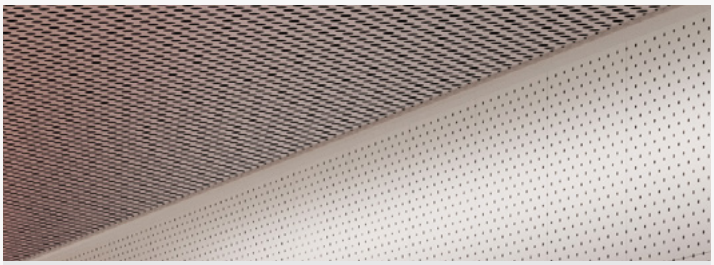
Design Options



VAPOR® SKY



VAPOR® GRADIENT



VAPOR® ELEMENT



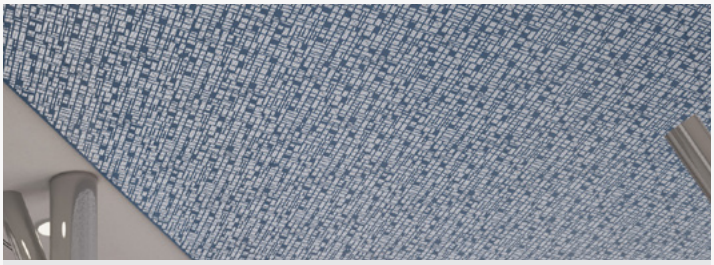
VAPOR® BLOOM



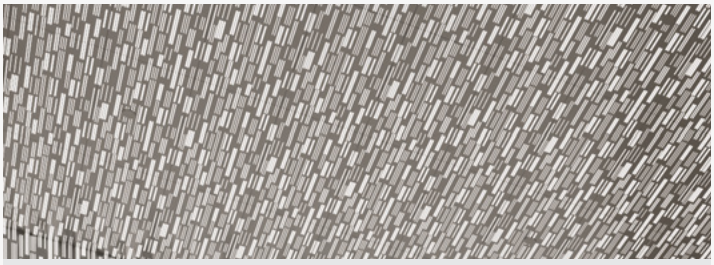
VAPOR® BREEZE



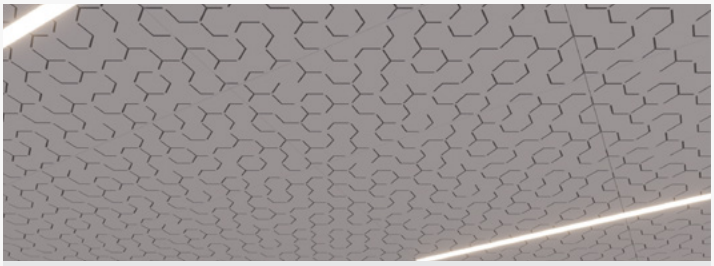
VAPOR® SOLID



VAPOR® TRANSIT



VAPOR® VERVE



VAPOR® BOND