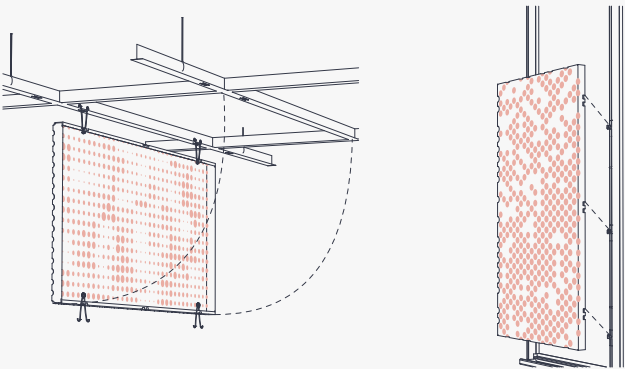# Vapor® Bond

Ceiling & Wall **Panels**

Our Key Features

Formulate a unique pattern for your next project with Vapor® Bond, or mix and match with its family friend VaporHue™ Link. Featuring hexagonal shapes invoking motion that is anything but static. This design flows freely throughout wall or ceiling installations based on its patterns of connectivity and interaction. Continuous patterns allow you to scale this design to any space without interruption. Pair with optional accessories such as acoustic backers or lighting options to elevate your custom layout.
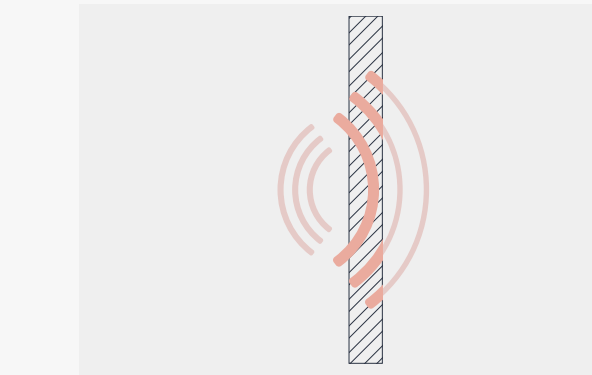
Reduce Noise & Enhance Acoustics

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.

Arktura   Others

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.
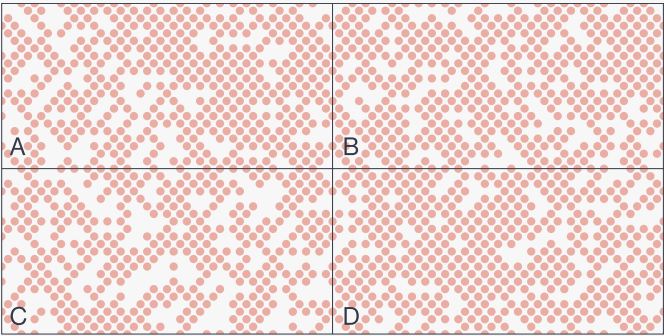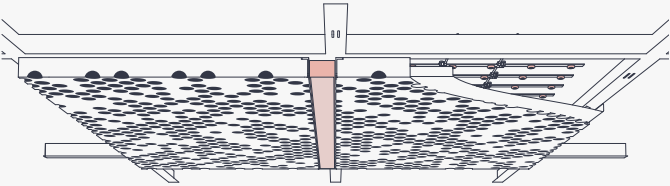

Easy Installation & Access

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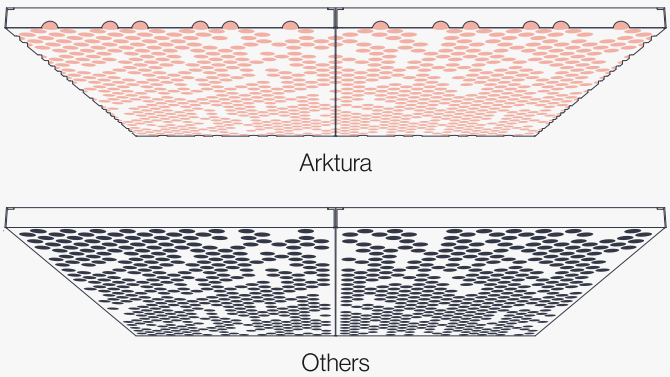

A   B

C   D

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.

Arktura

Others

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

Seamless and Dynamic Wall to Ceiling Transitions

Elevate your space with Arktura Inline Lighting
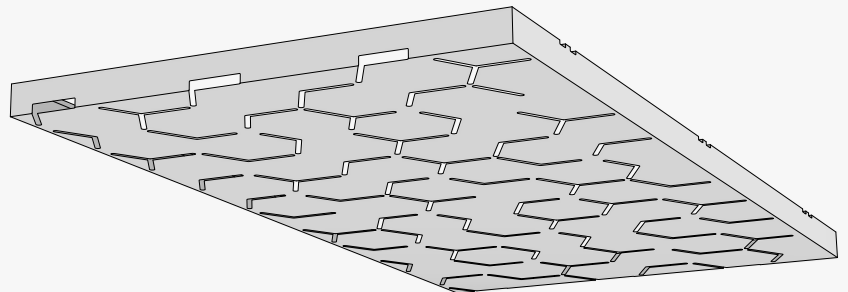

Lively patterns create a sense of texture

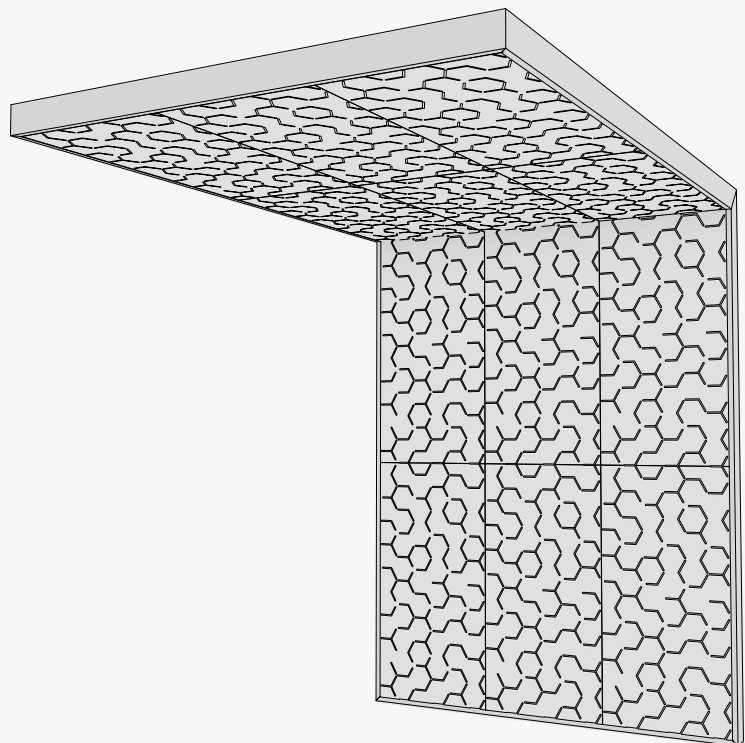# Overview

(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

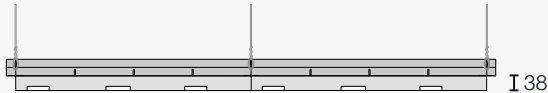Vapor® easily transitions from one plane to another and around corners.

① Understanding the System

Understanding the Panel

The pattern surface is created by seamlessly tiling across your space.

Panel A: 7% Open

* Vertika® Trim

Ceiling Section

I 38

Panel Configuration, Wall or Ceiling

Wall Section

I *25

108

I *25

1200

600
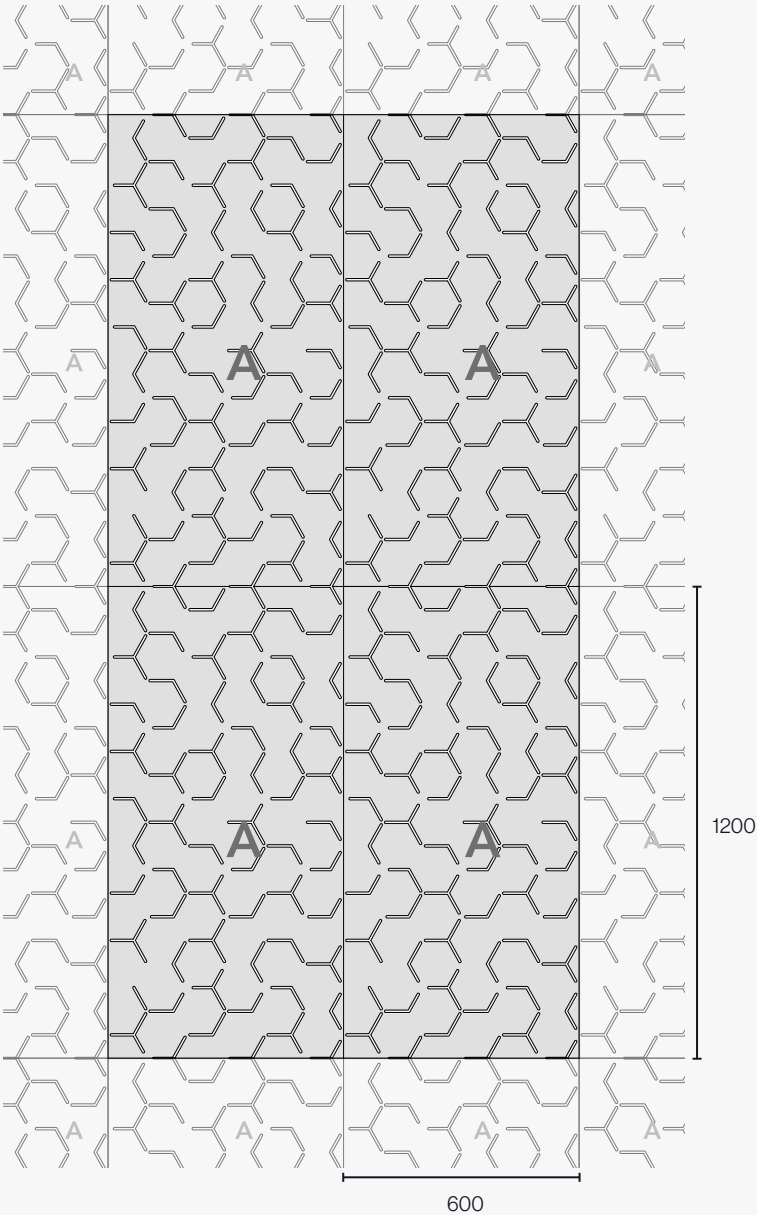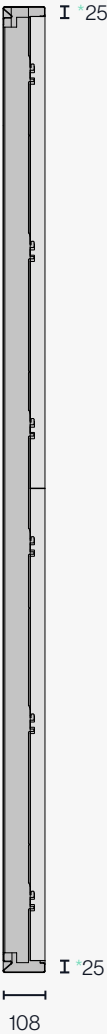
ⓘ All dimensions are in mm unless otherwise specified.

⊘ All dimensions nominal.

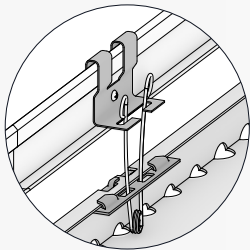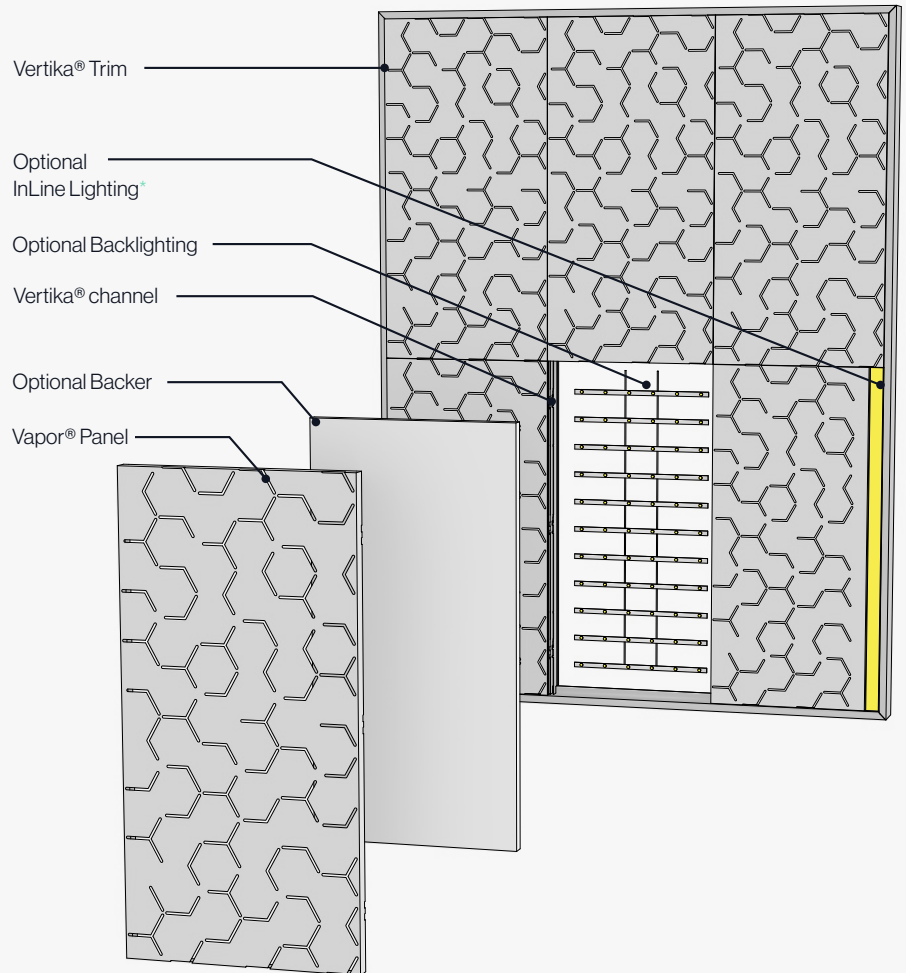# 1 Understanding the System

Accessory Options - Ceiling

• Frosted light diffusing backer
• 12mm acoustic backer
• Backlight
• InLine downlight

(i) Check out our Configuration examples on PAGE 10.

* A Specific Inline light panel is used to accomodate the width of the fixture within the 600mm width.

Torsion Spring Adapter Clip

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

LED Backlight

Torsion Grid (By Others)

InLine LED*

Frosted or Acoustic Backer

Torsion Spring

Vapor® Panel
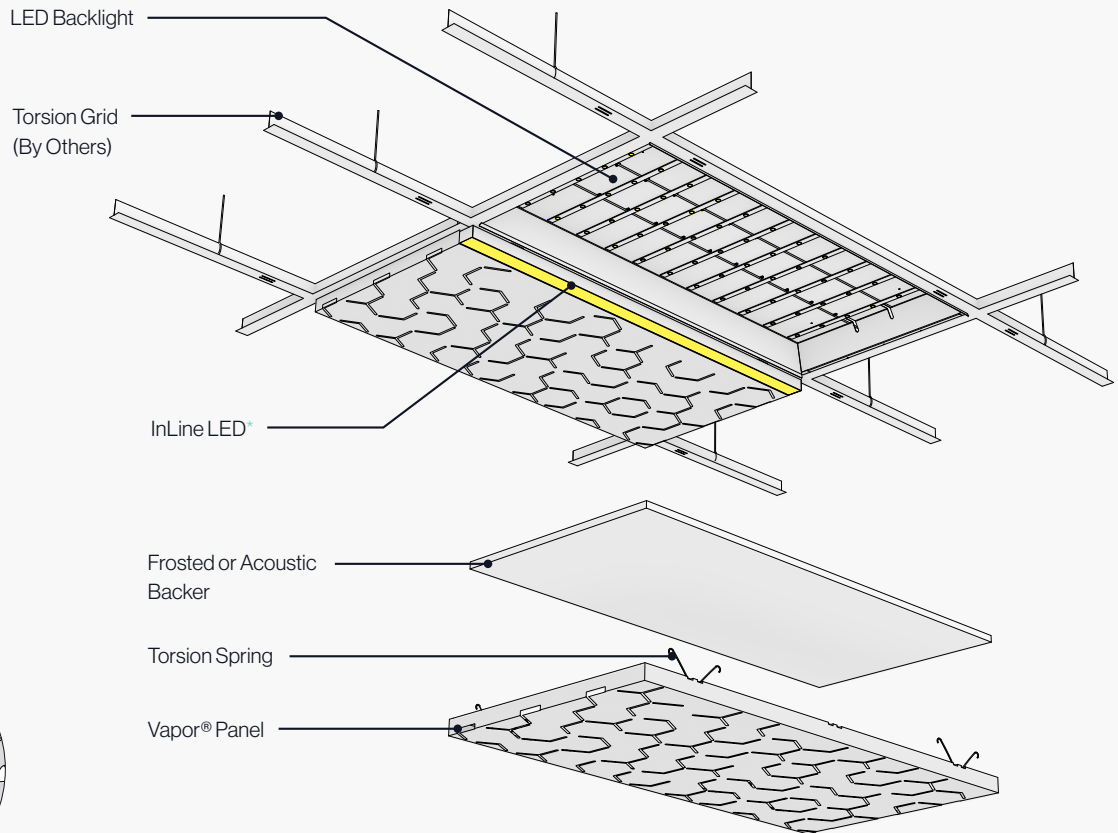
Attachment System - Ceiling

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

Installed

Dropped

Torsion Spring

Lowered
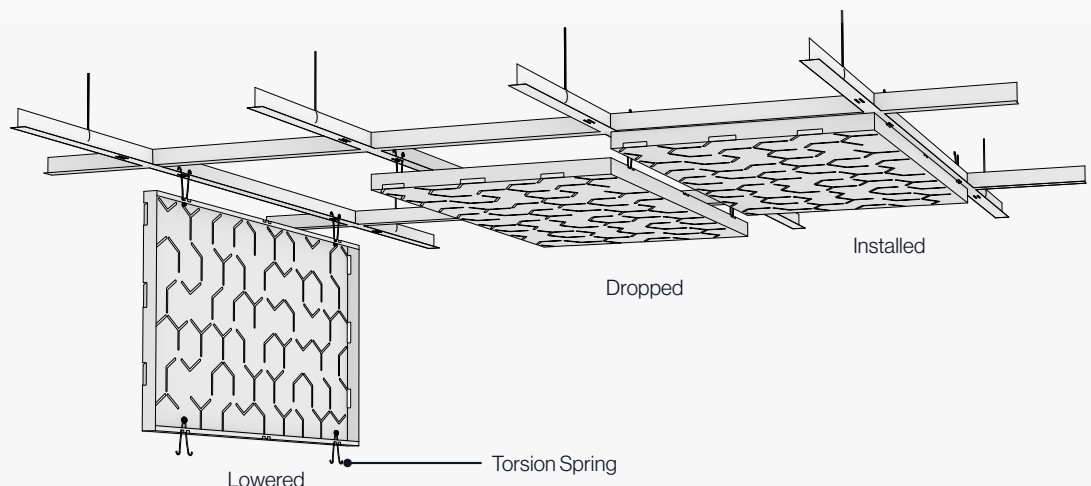
① Understanding the System

Accessory Options - Wall

- Frosted light diffusing backer
- 12mm 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 600mm width.

Vertika® Trim

Optional
InLine Lighting*

Optional Backlighting

Vertika® channel

Optional Backer

Vapor® Panel

Attachment System - Wall

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

Vapor® Panel

Hooks

Vertika® channel
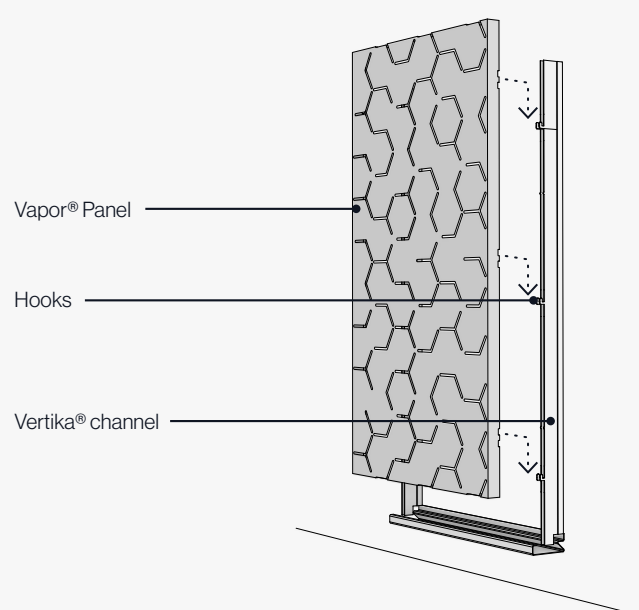
2 Optional Accessories

Lighting
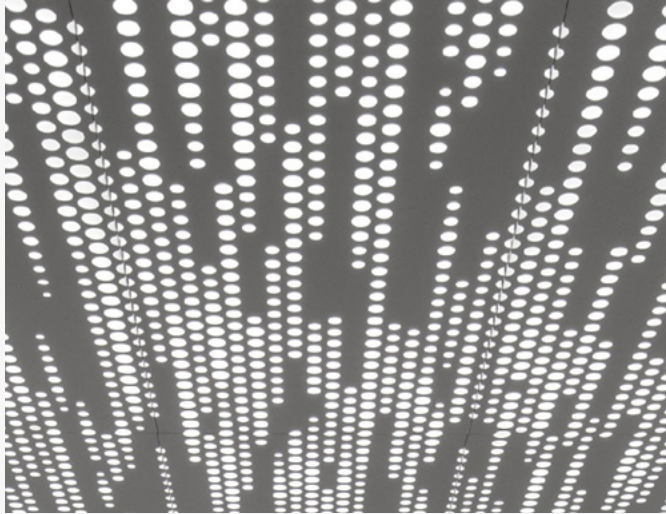
Backlighting

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. Fixtures: 1200 and 2400 lengths. A special side-light Vapor® panel allows the light to straddle its 1200mm edge while staying within a 600mm overall width. See Inline Lighting specs details on PAGE 15.

Backers
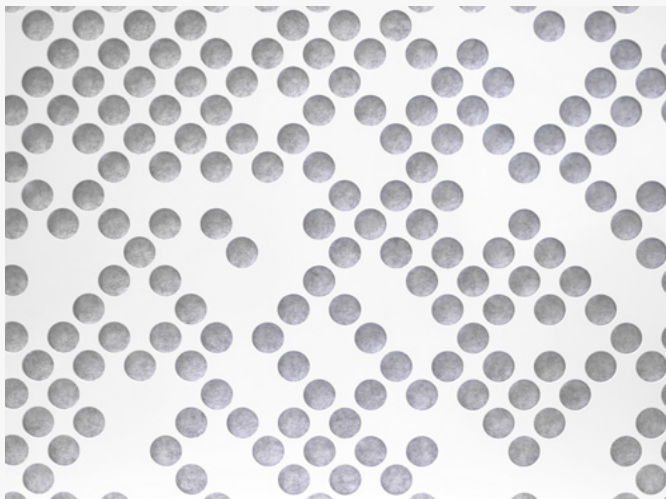
Acoustic Backer

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.
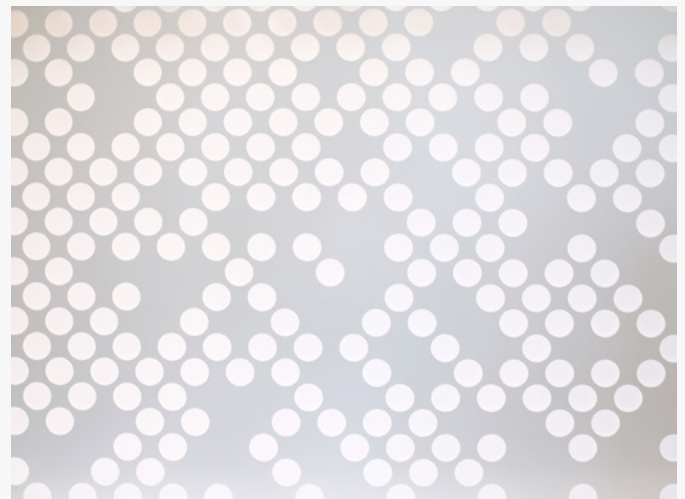
Translucent Backer

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.
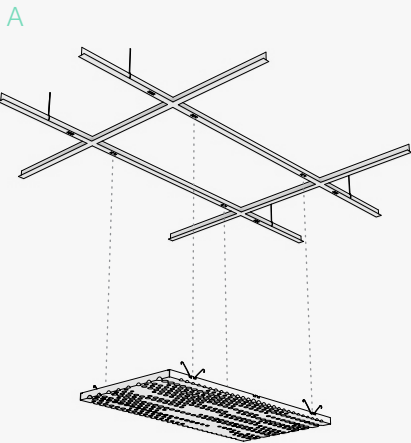
② Optional Accessories

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
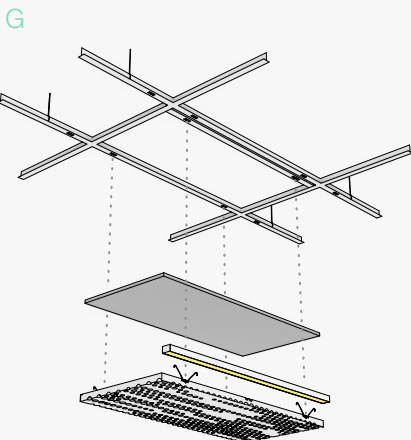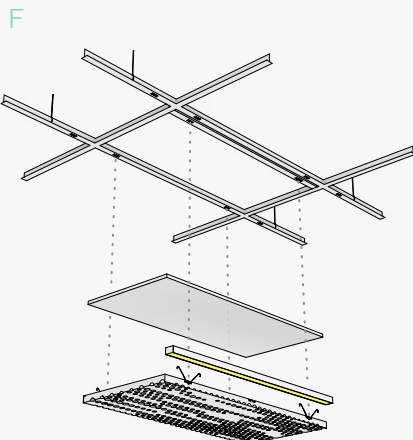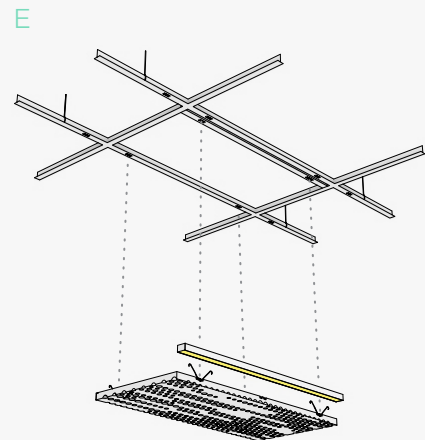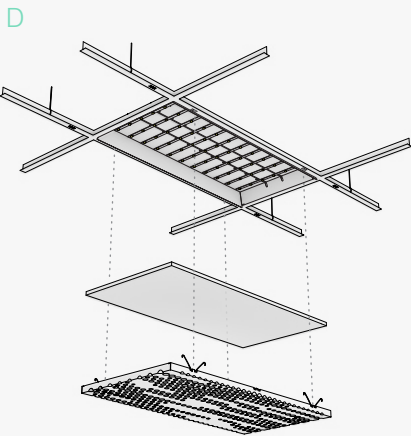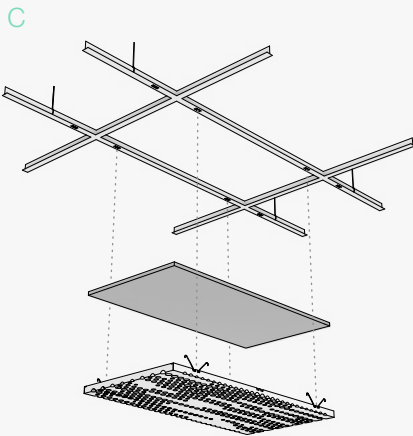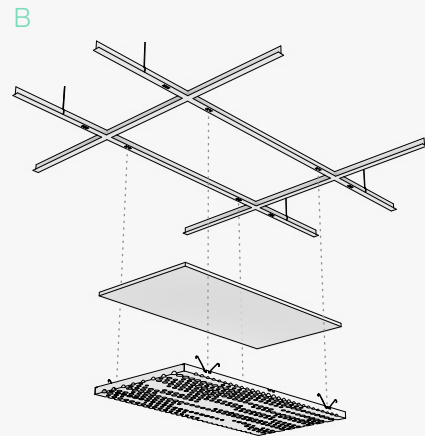
③ Available Finishes

Aluminum Panel

Powder Coat
Standard Finish

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

Powder Coat
Premium Finish

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.

③ Available Finishes

Optional Translucent Backer

Polycarbonate
Available in interior and UV stable exterior options.
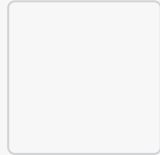
Frosted

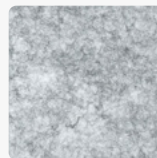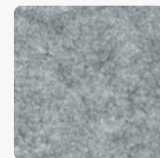### Optional Soft Sound® Backer

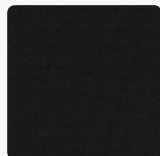**Soft Sound®
Color Group A**
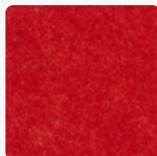Standard

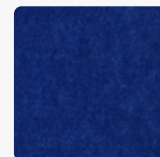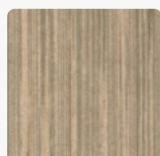| White	Snow	Marble	Heather Gray	Graphite	Carbon
Onyx	Apple	Tangerine	Lemon	Taupe	Sand
Kiwi	Whisper	Sky Blue	Denim		
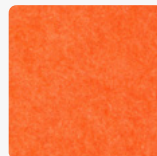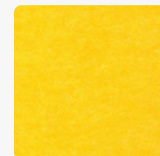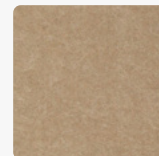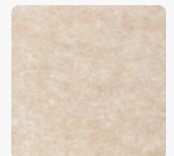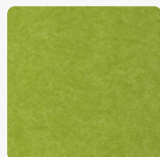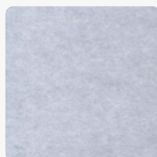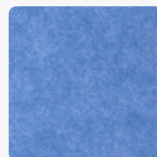
**Soft Sound®
Wood Texture**
Premium

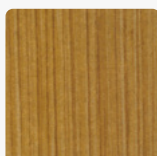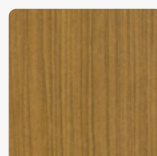ⓘ As with natural wood, variation in color and grain is expected and grain will not align across panels.
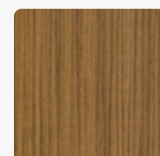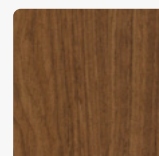
Core
Face

Gray Ash	White Oak	Golden Oak	Oak	American Walnut	Charred Oak
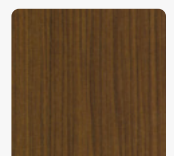
Core
Face

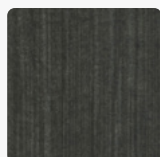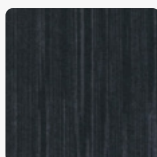| Charred Ash	Ebony

⚠ 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)	600 X 1200 X 38
Material	Aluminum
Openness in Plan	7%
Fire Rating	ASTM E84 - Class A | 13501-1 B-s1, d0
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

Lighting Specs

Arktura Backlighting

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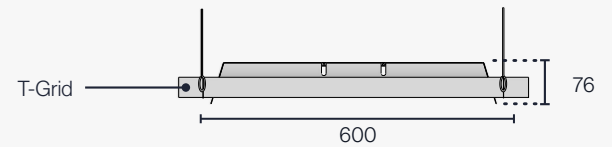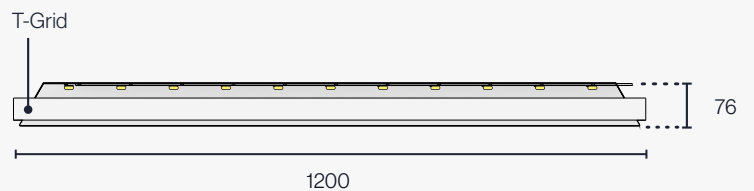
Ceiling
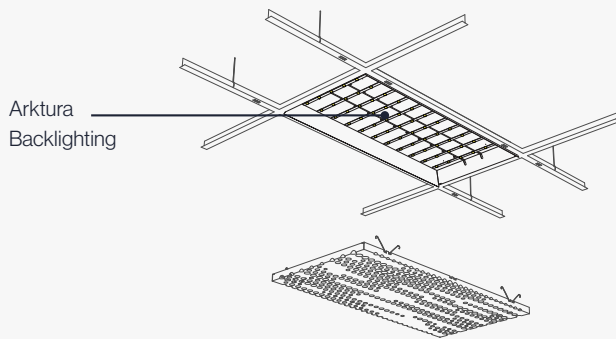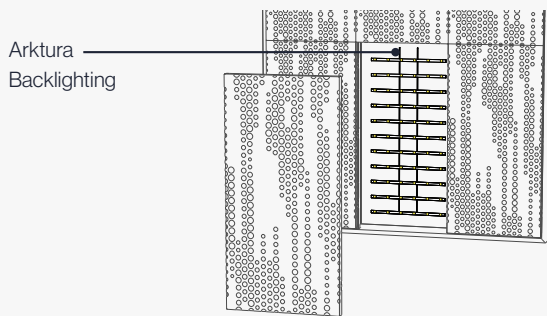
Arktura
Backlighting

Vertika® Wall

Arktura
Backlighting

Sections

Front view
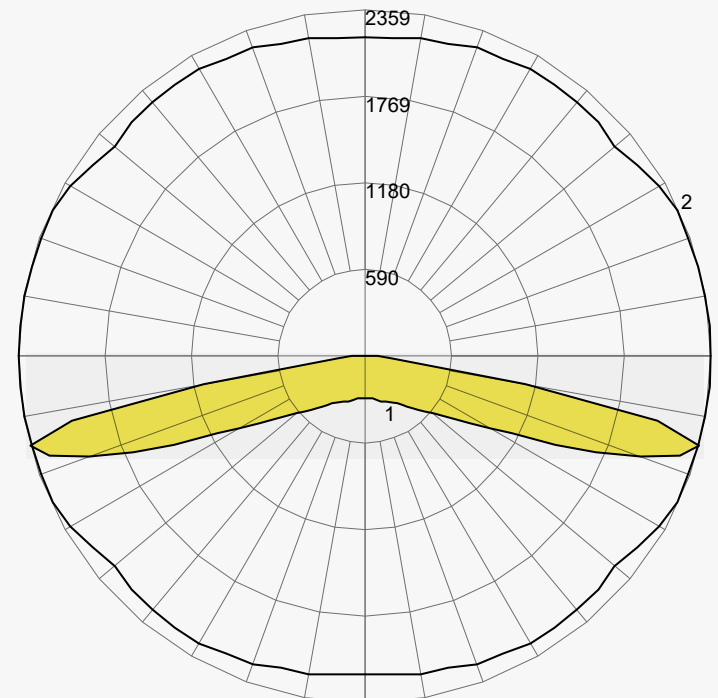

T-Grid

76

600

Side view

T-Grid

76

1200

Photometric

Located At Horizontal Angle = 0, Vertical Angle = 0

#1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
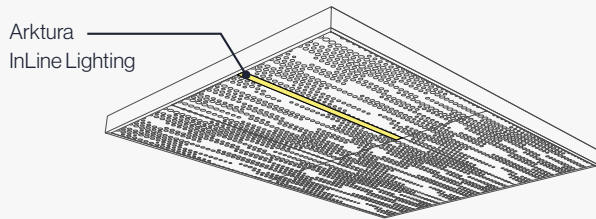**#2** - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Specs

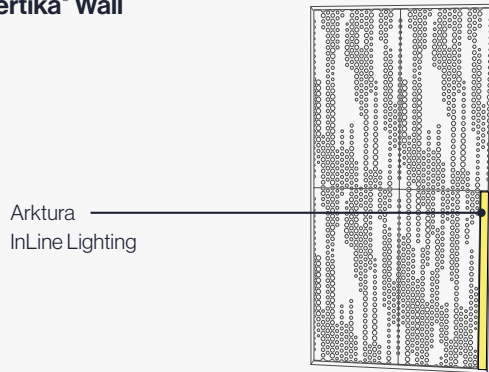| Product Features	Arktura Backlighting Eco	Arktura Backlighting
Total Lumens	2250 Lm/2x4 Panel	4050Lm/2x4 Panel
Delivered Lumens	2250 Lm/2x4 Panel	4050Lm/2x4 Panel
Power Consumption	25 Watts 2x4 Panel	45 Watts 2x4 Panel
CRI	80+	
Color Temperatures	3000k, 3500k, 4000k (Other temperatures on request)	
Size (LxWxD)	600 X 1200 X 76	
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.
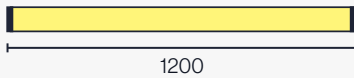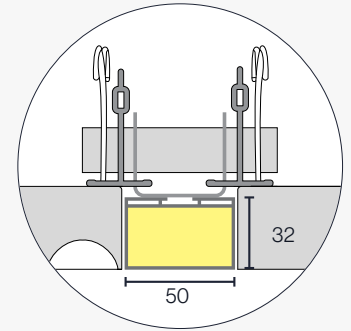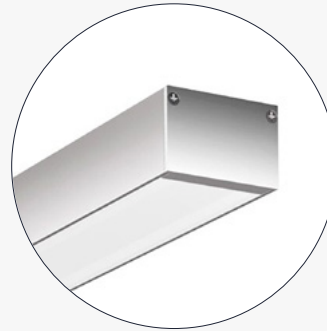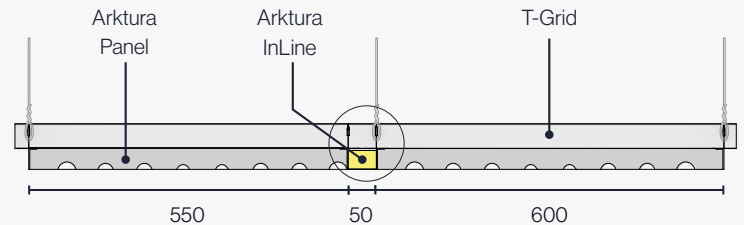
Ceiling

Arktura
InLine Lighting

Vertika® Wall

Arktura
InLine Lighting

Side - Length Options

1200

2400

Elevations

Arktura Panel   Arktura InLine   T-Grid

550   50   600

32

50

### 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.)

644
483
322
161

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 (Other temperatures on request)	
Size (LxWxD)	600 X 50 X 32 X 2438 X 50 X 32	
UL Rating	Recognized	
Voltage	24 Volts	
Dimming Options	MLV, 1-10V, 0-10V	
Plenum Rated Wire	Standard	
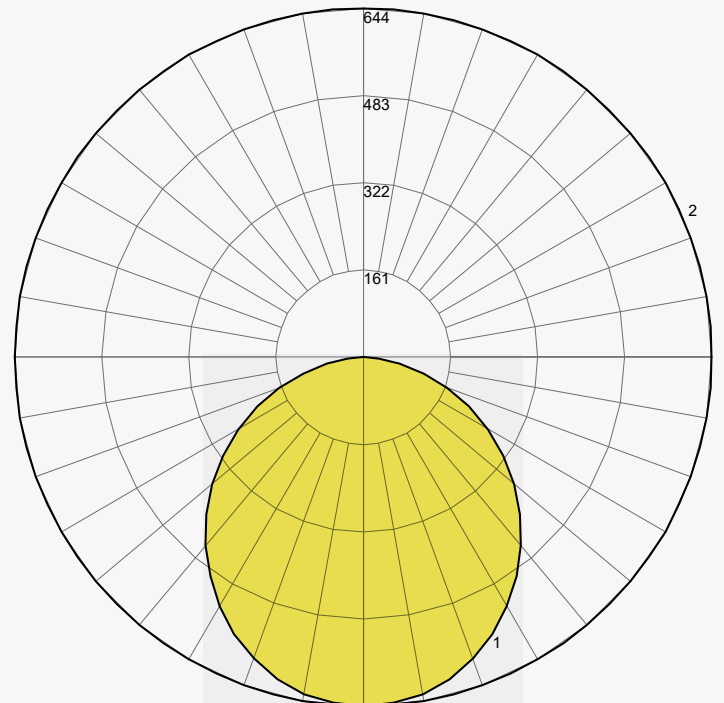
Product Line

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®.
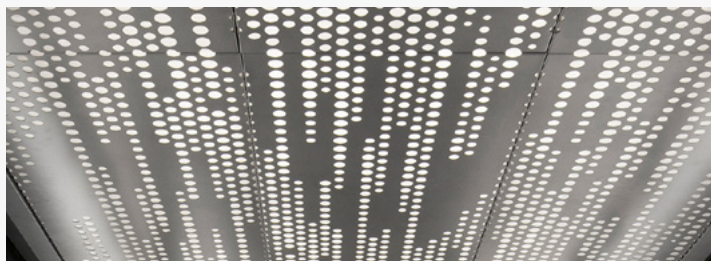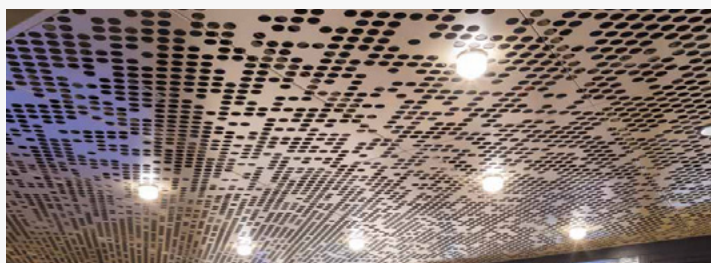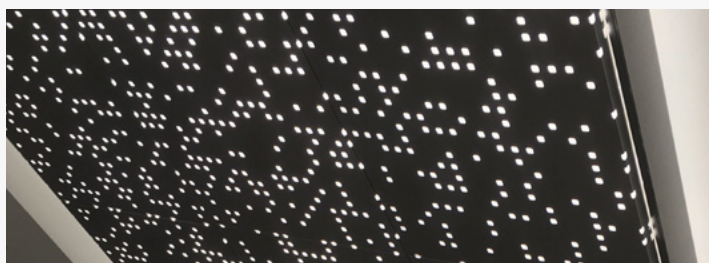

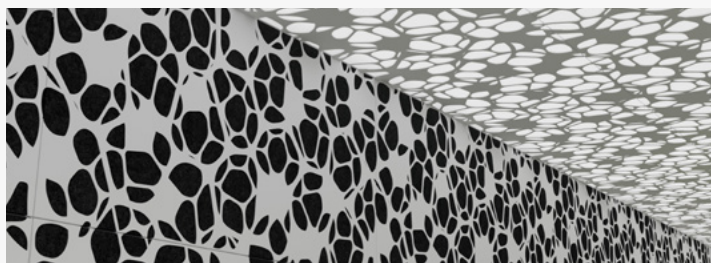
VAPOR® TRAIL

VAPOR® PIXEL
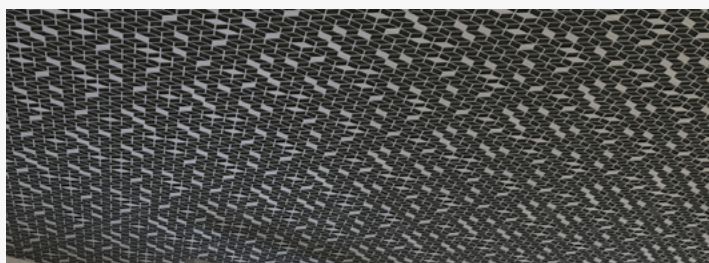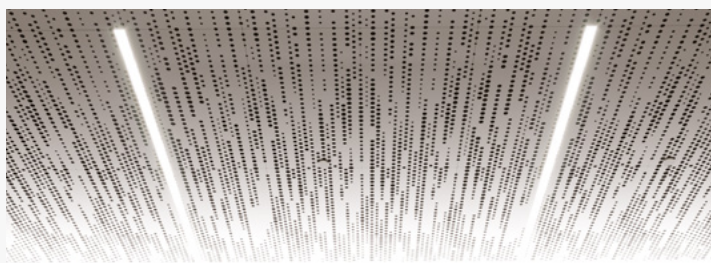

VAPOR® CUMULA

VAPOR® BYTE

VAPOR® CLUSTER

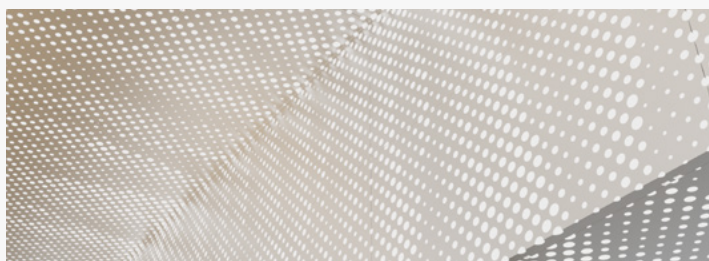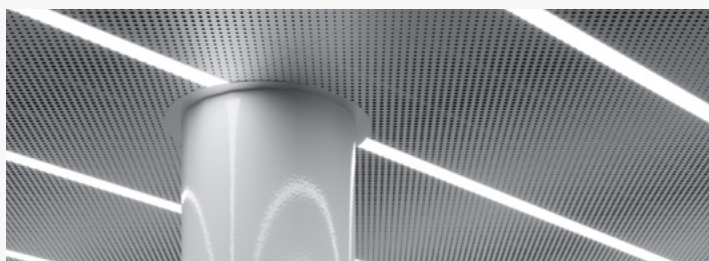VAPOR® SYNTAX

VAPOR® SHIFT

VAPOR® CORA

VAPOR® FREQUENCY

VAPOR® LIANA

Product Line

Design Options

VAPOR® SKY
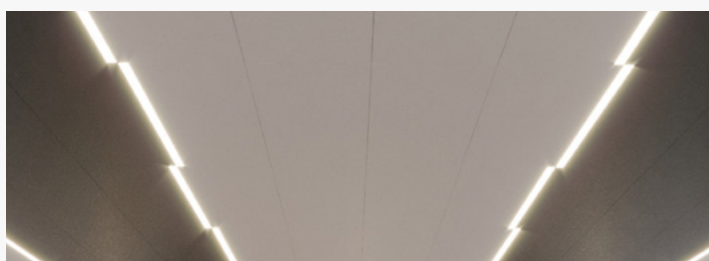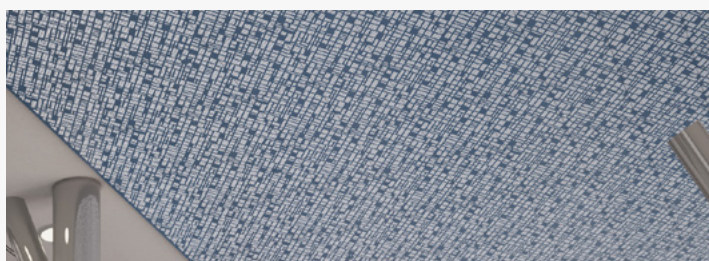

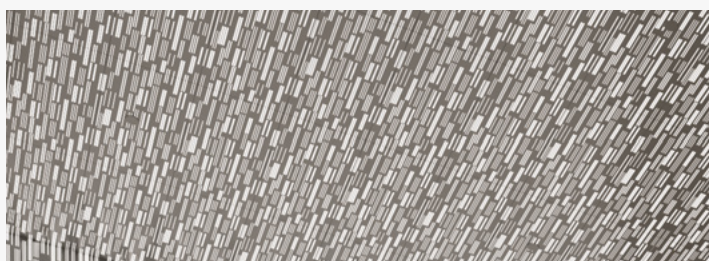VAPOR® GRADIENT

VAPOR® ELEMENT

VAPOR® BLOOM

VAPOR® BREEZE

VAPOR® SOLID

VAPOR® TRANSIT

VAPOR® VERVE

VAPOR® BOND