

3D ACOUSTICS

THE FUTURE IS HERE



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3D IS THE FUTURE OF ACOUSTICS

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Exploring how three-dimensional surfaces are redefining acoustic design, elevating ceilings and walls beyond flat panels.

3D ACOUSTIC WALL

02

3D acoustic walls that add depth, break up reflections, and deliver a clean, architectural finish.

ORIGAMI

(I)

Origami brings a folded, three-dimensional hexagon form to acoustic ceilings, adding shape, depth, and sculptural character.

3D ACOUSTIC CEILING

03

A look at sculpted ceiling forms that bring depth, diffusion, and design into acoustic performance.

GOTHIC

A five-shape modular ceiling concept that creates seamless vaulted arches with acoustic control.

(I)

CANYON

A ceiling system of flowing, layered panels that create a soft, wave-like acoustic surface.

(II)

GRIDFORM

A coffered acoustic ceiling system with recessed square panels and open tile options for fixtures.

(III)

COLOUR PALETTE

Exploring 64-colour PET panel palette, coordinated with Asian Paints, including neutrals and vivid accent tones.

04



3D is the Future of Acoustics.

TAP 3D panels introduce depth to ceilings and walls, which improves both sound performance and visual quality. As workplaces and public spaces move toward quieter, design-led interiors, 3D surfaces offer better sound control than flat panels.

Their form reduces reverberation increases diffusion, hides the grid, and allows lighting and services to integrate cleanly. Lightweight and modular, TAP 3D panels install easily and fit standard ceiling systems, making 3D acoustics a practical direction for future spaces.



■ Why 3D Acoustics?

- Enhances sound absorption
- Enhances sound diffusion
- Prevents acoustically dead zones

3D Acoustic Wall

This section introduces our three-dimensional acoustic wall concept, shaped to add depth, soften reflections, and bring sculptural character to interiors. Its geometric surface transforms a flat wall into a functional architectural feature.

Origami

Every Curve Counts

Seen from every perspective, Origami expands the possibilities of acoustic design. Its folded 3D geometry, defined by clean lines and layered planes, delivers sculptural aesthetics, acoustic diffusion, and high acoustic performance.

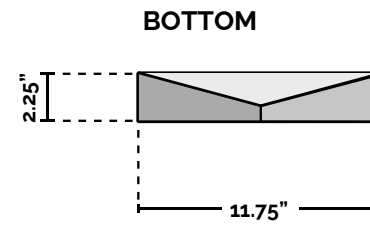
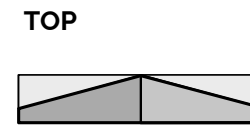
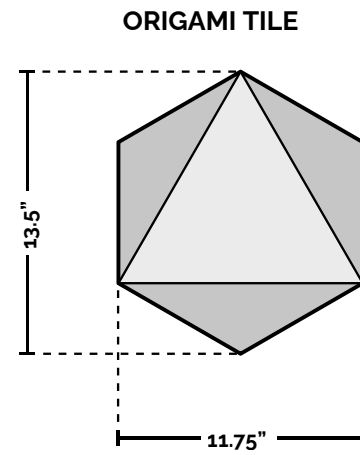


Dimensions

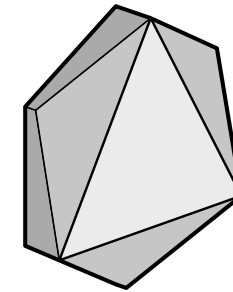
Standard Tiles 11.75"W x 13.5"L x 2.25"D

Connection Options

Connection By Others Construction adhesive
 Tiles can be installed with construction grade adhesive specified by the contractor.



PERSPECTIVE



Color

9mm Palette Origami can be specified in any of our 9mm felt colors, grains or textures.

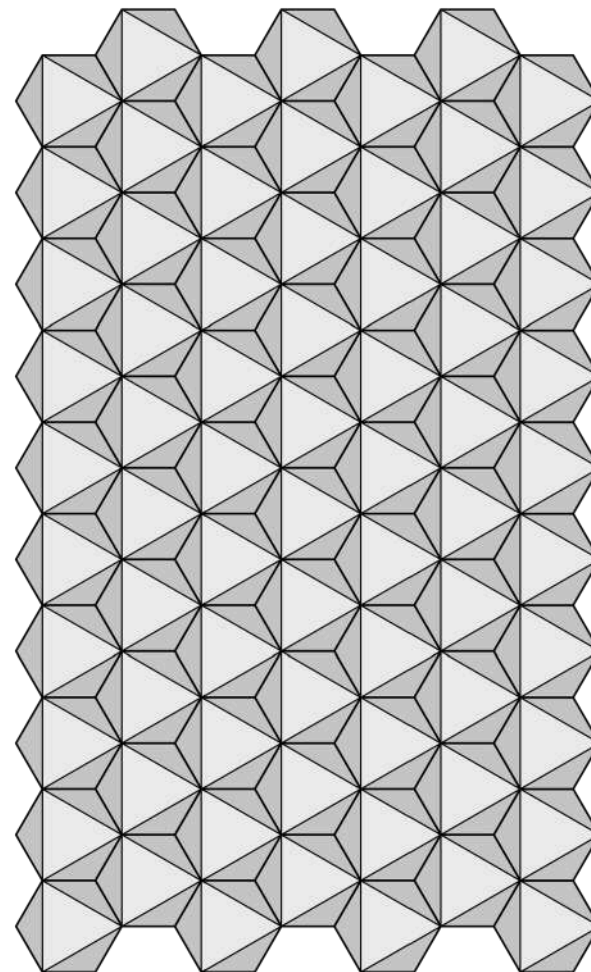
Typical Layouts

Horizontal Hexagon forms sit side by side, running horizontally, in Origami's Horizontal layout.

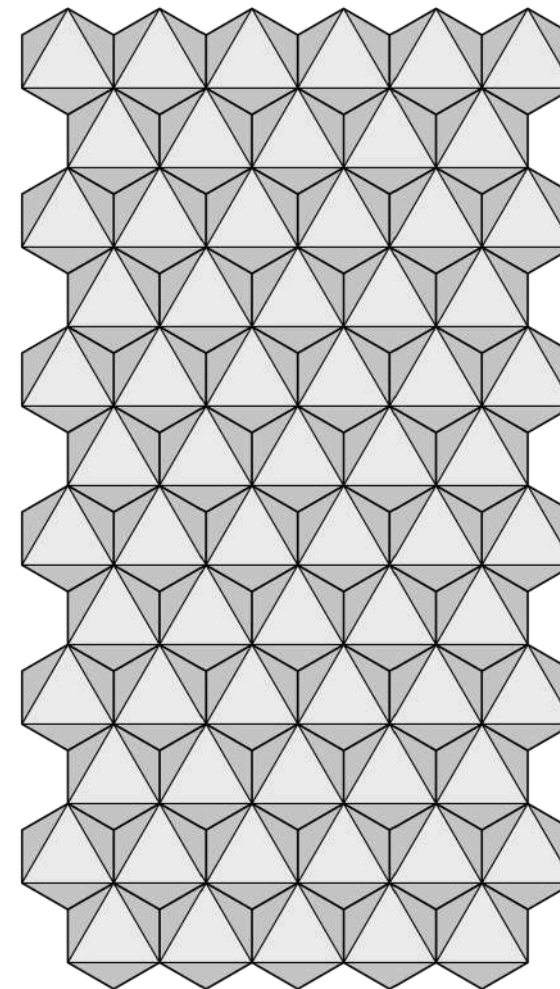
Vertical Hexagon forms sit side by side, running vertically, in Origami's Vertical layout.

Combination Combine 3D and solid tiles to create a 3D apiary effect in Origami's Combination layout.

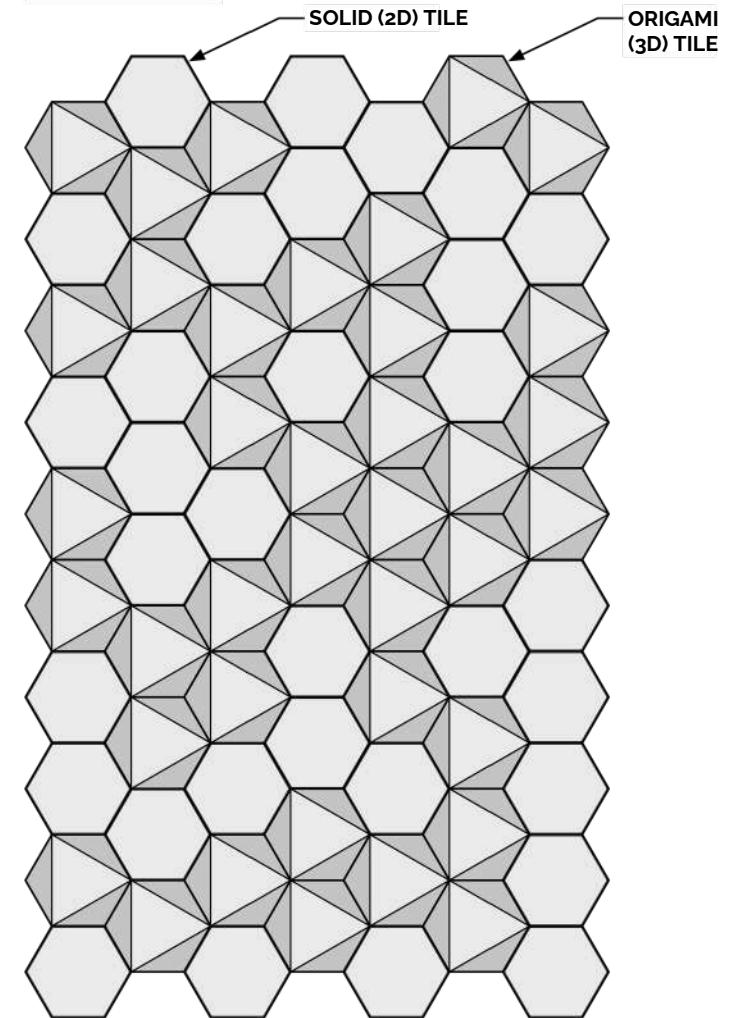
HORIZONTAL



VERTICAL



COMBINATION



Tech

Acoustics	ASTM C423-17: Type A
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Acoustic Rating

NRC = 0.9

NRC may vary based on site conditions and layout. Contact us for detailed test data.



Details

Lead Time 10-15 business days

Warranty Five (5) years

Maintenance Use a vacuum to remove dust and debris from the surface. For larger installations or hard-to-reach areas, compressed air can be used. Contact us for guidance on spot cleaning and maintenance.

Certifications

GREEN.



3D Acoustic Ceiling

Ahead is a curated lineup of 3D acoustic ceiling panels, engineered to add depth, provide acoustic diffusion, soften reflections, and elevate the visual character of a space. Each profile offers its own geometry and aesthetic, transforming ceilings from a flat surface into a design feature.

Gothic

Modern Arches

Vaulted inspiration meets modern acoustics. Gothic's five modular shapes connect to form continuous arches, echoing the grace of Gothic design while quietly controlling sound and reducing unwanted reverberation.



Dimensions

Standard Size	24"L x 24"W x 6"D
Standard Profiles	A, B, C, D, E

Connection Options

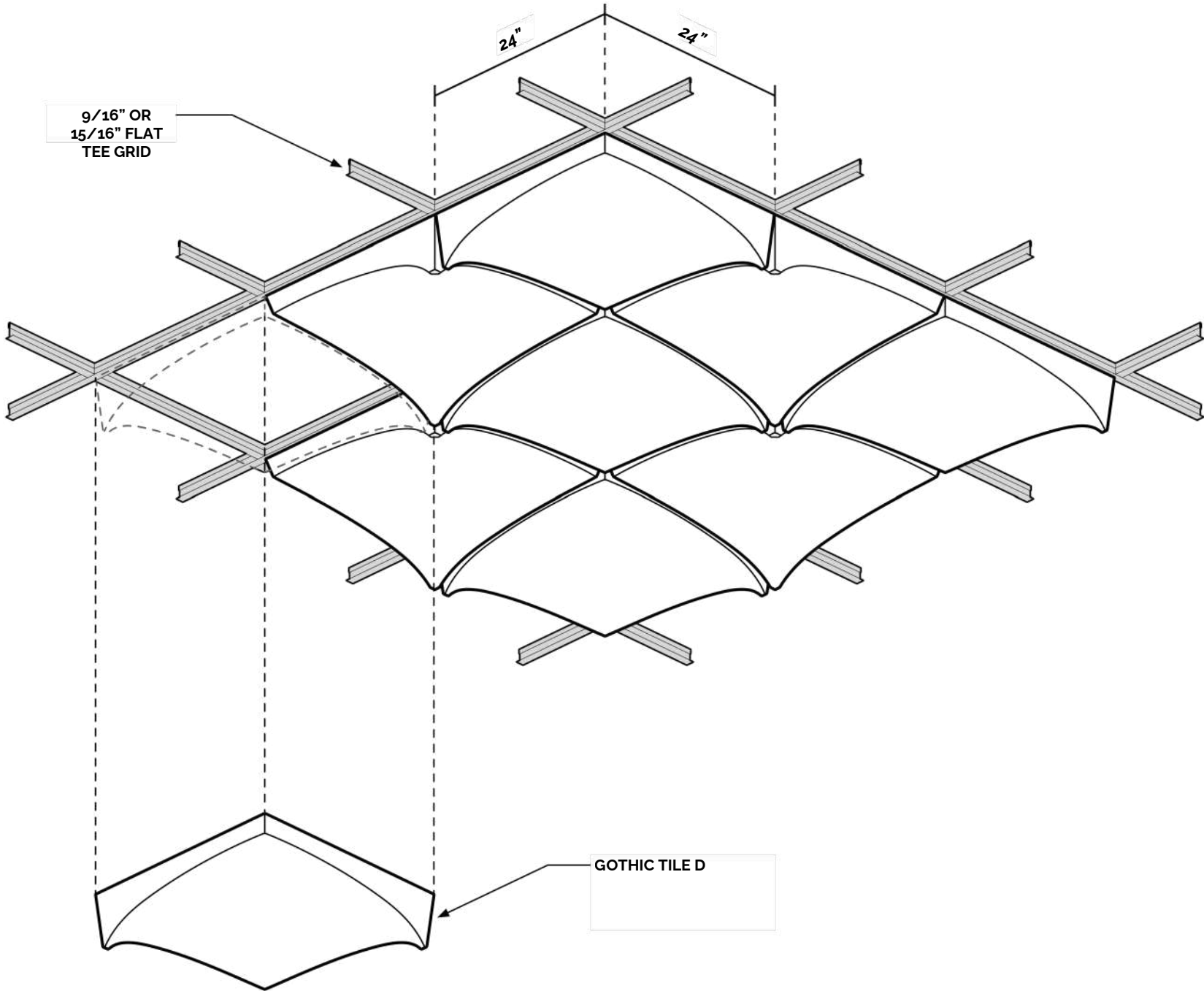
9/16" or 15/16" Flat Tee Grid	Magnetic Clips Grid Clips Torsion Spring
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Color

5mm Palette Gothic Tiles can be specified in any of our 64 standard colors.

Tee Grid Color We recommend coordinating the ceiling grid color with the tile color to maintain a consistent visual finish and account for material flexibility.

Note: Profiles A & C are currently available. Profiles B, D, and E will be introduced from 2026 onwards.



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE

Tile Types

Design

Gothic comes in five standard tile types, each with its own unique profile pitch. Coordinate tiles to create a variety of dynamic ceiling aesthetics.

Plan View

All Gothic tiles range from 2" to 6" in depth. In plan view, black arrows and lines mark the deepest areas of each tile.

Note: Profiles A & C are currently available. Profiles B, D, and E will be introduced from 2026 onwards.

PROFILE TYPES

GOTHIC A

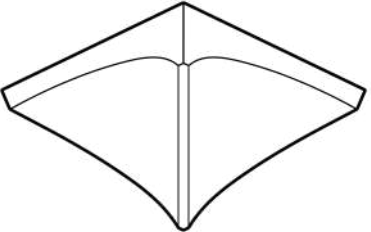
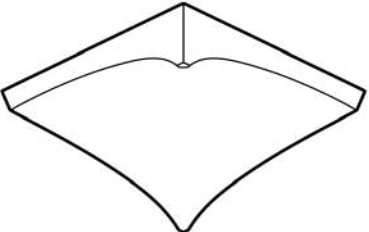
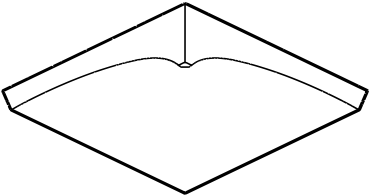
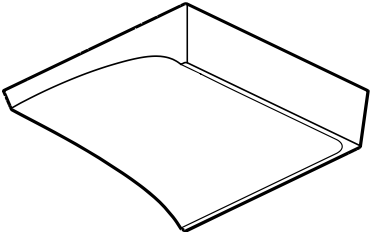
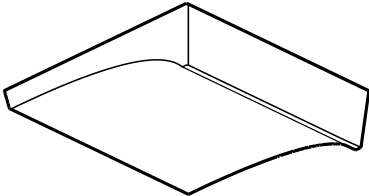
GOTHIC B

GOTHIC C

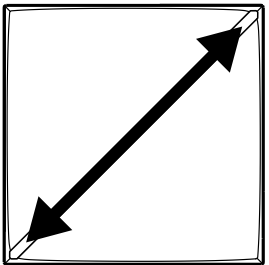
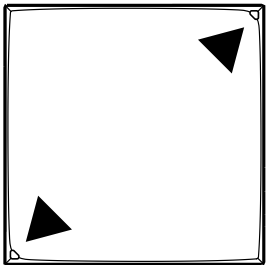
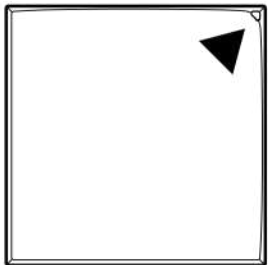
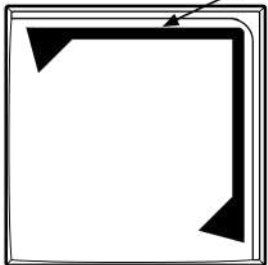
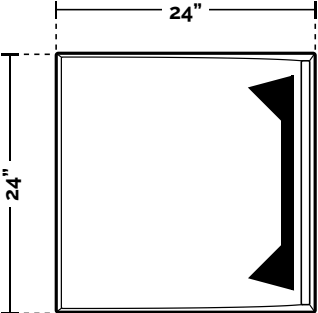
GOTHIC D

GOTHIC E

PERSPECTIVE

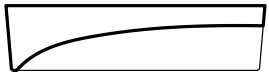
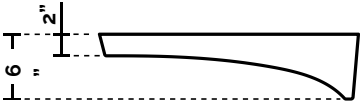


PLAN VIEW



BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

ELEVATIONS



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE

Typical Layouts

Uniform A Use only A tiles to create a continuous rhythm of arches.

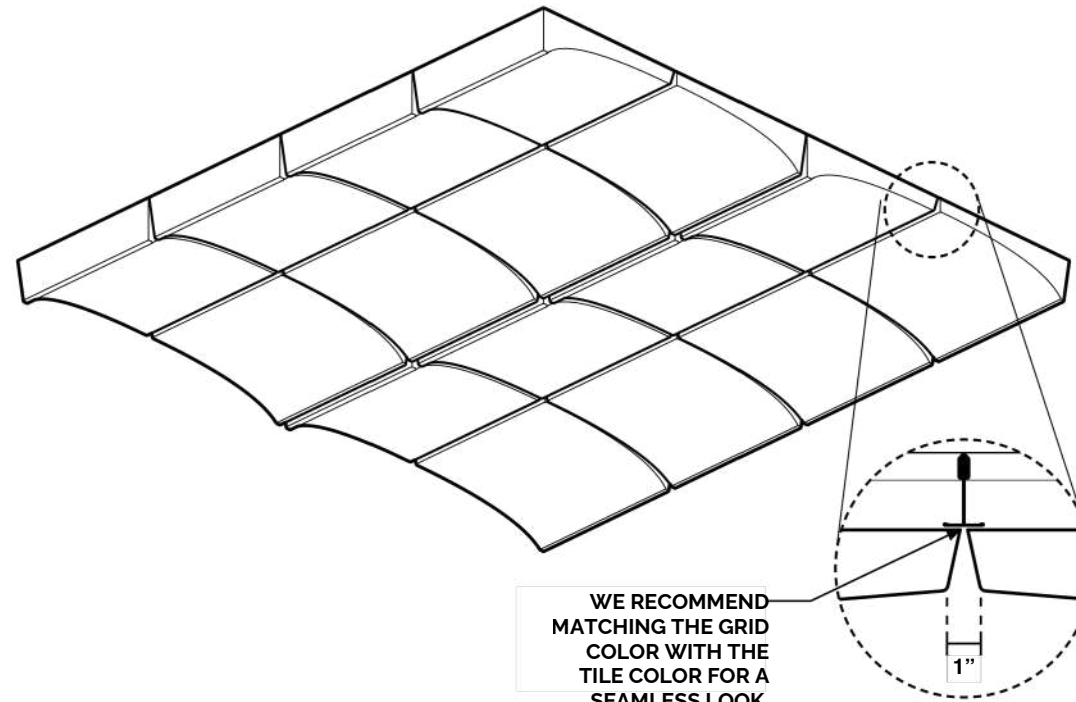
Uniform D Use only D tiles to form a gentle sequence of vaults.

Unique Layout All Gothic layouts can be customized in multiple configurations beyond these examples.

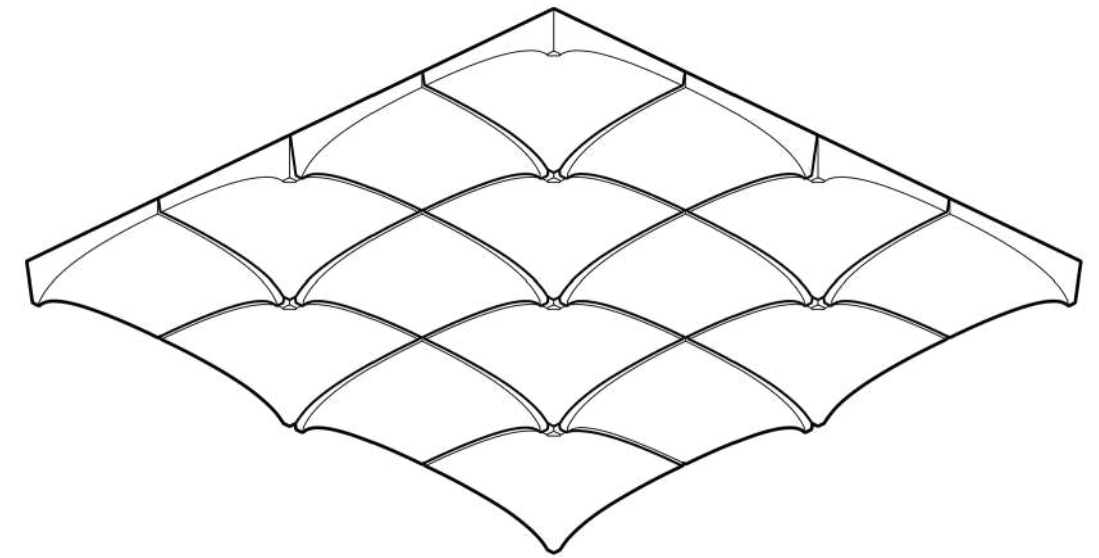
In plan view, ensure black arrows and lines align at meeting points to confirm a compatible layout.

Note: Profiles A & C are currently available. Profiles B, D, and E will be introduced from 2026 onwards.

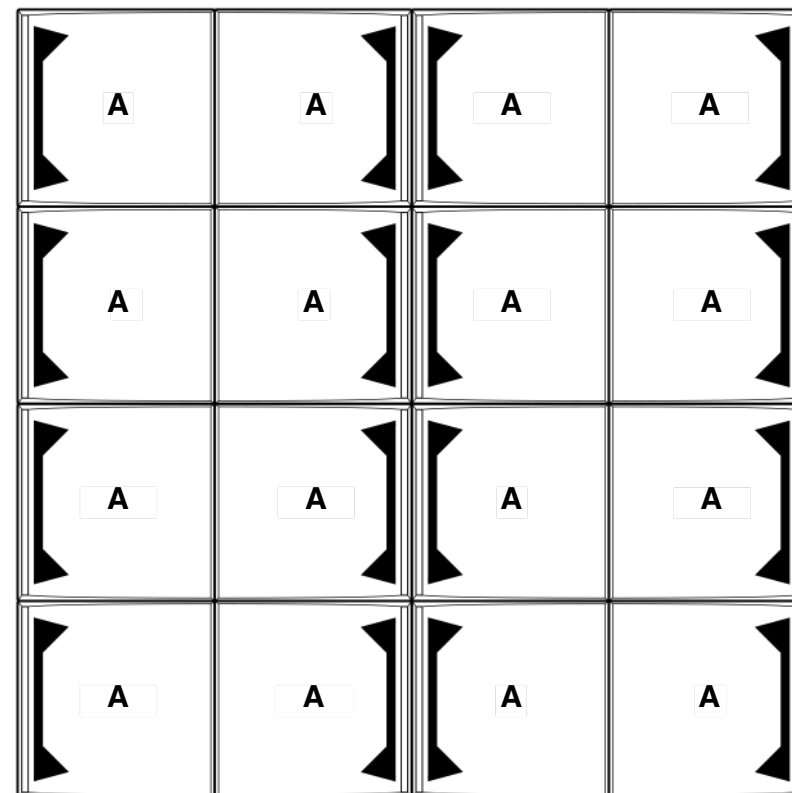
UNIFORM A



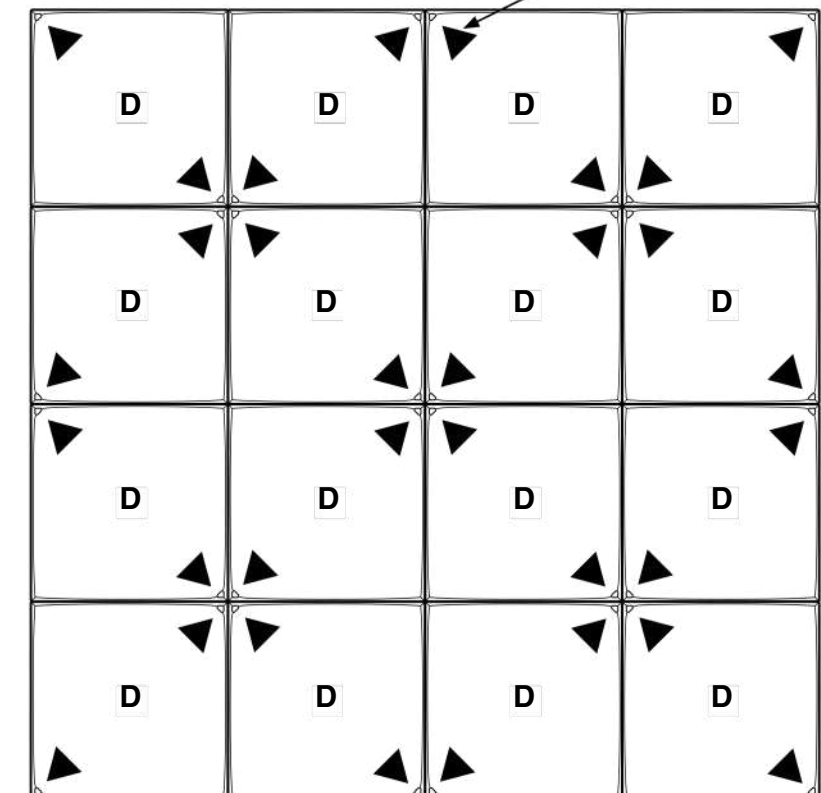
UNIFORM D



UNIFORM A PLAN VIEW



UNIFORM D PLAN VIEW



BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES

ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



Typical Layouts

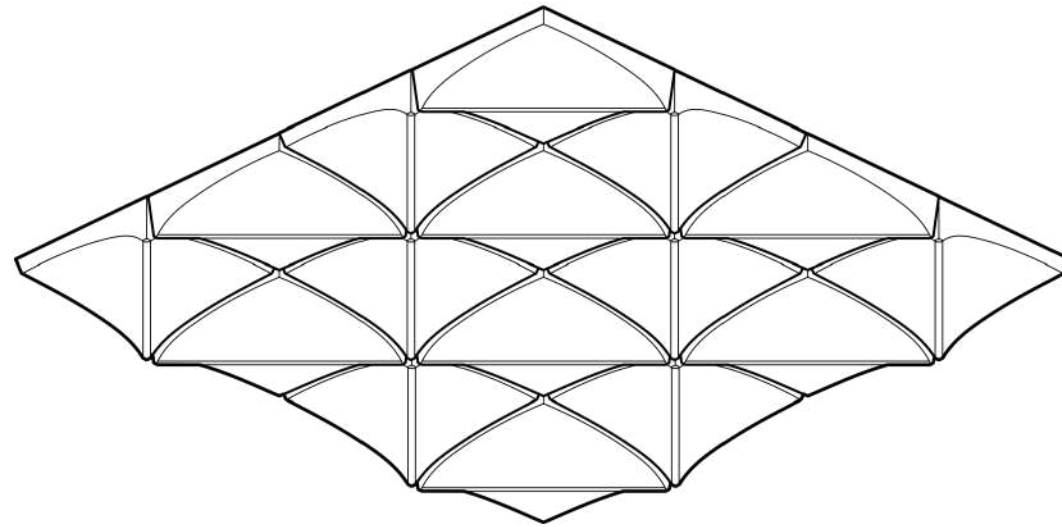
Uniform E Arrange E tiles to build a repeating diamond pattern.

Mix D & E Using a mix of D & E tiles, create a series of angled waves.

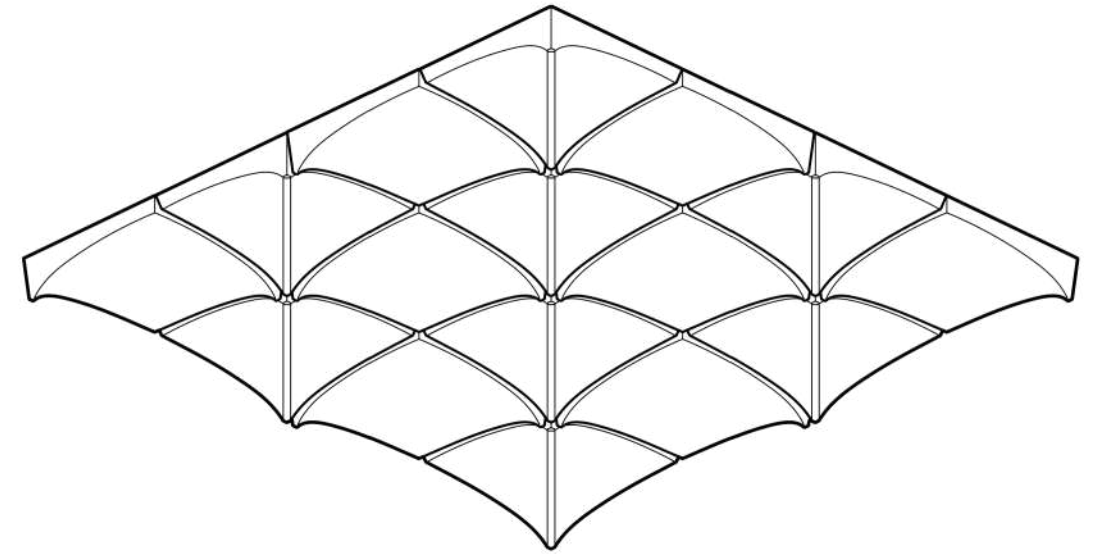
Unique Layout Combine D and E tiles to create angled, wave-like patterns.

As long as the arrows and lines meet and align in plan view, the configuration is correct.

UNIFORM E

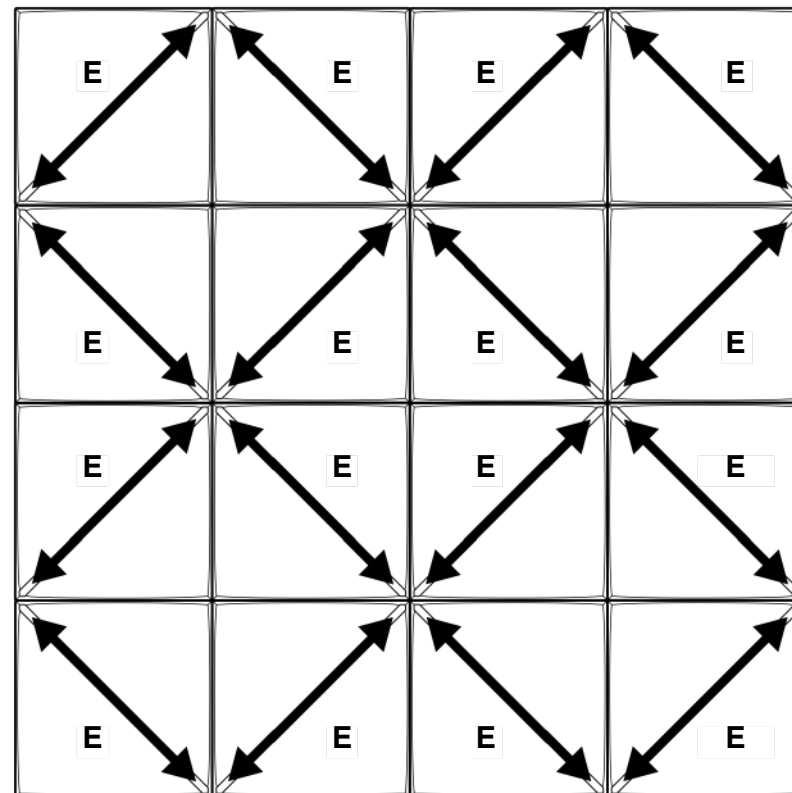


MIX D & E

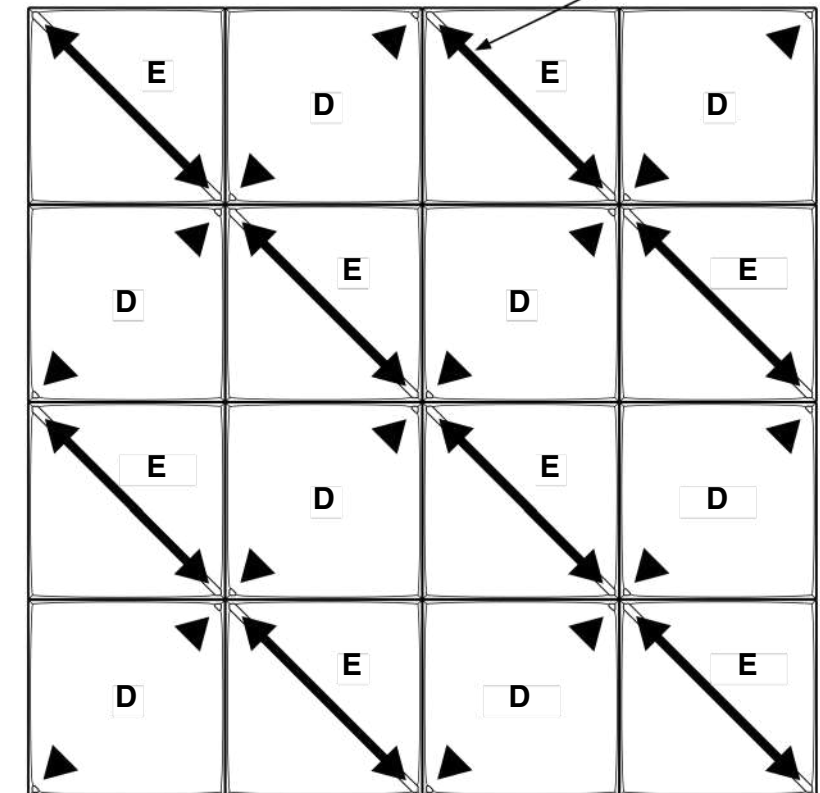


Note: Profiles A & C are currently available. Profiles B, D, and E will be introduced from 2026 onwards.

UNIFORM E PLAN VIEW



MIX D & E PLAN VIEW



BLACK ARROWS AND LINES INDICATE DEEPEST PORTION OF TILES



Tech

Acoustics	ASTM C 423-17: Type E-400
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Details

Lead Time	10-15 business days
Warranty	Five (5) years
Maintenance	Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.

Acoustic Rating

NRC = 0.90

The rating shown reflects a ceiling array composed of 16 mixed tiles, arranged in a 4x4 grid.

Certifications

GREEN.



Canyon

Silence, Shaped in Waves

Canyon features flexible, wave-like layers engineered to diffuse sound and soften interior acoustics, delivering a gentle ripple aesthetic with high performance.



Dimensions

Standard Size 24" L x 24" W x 4.5" D

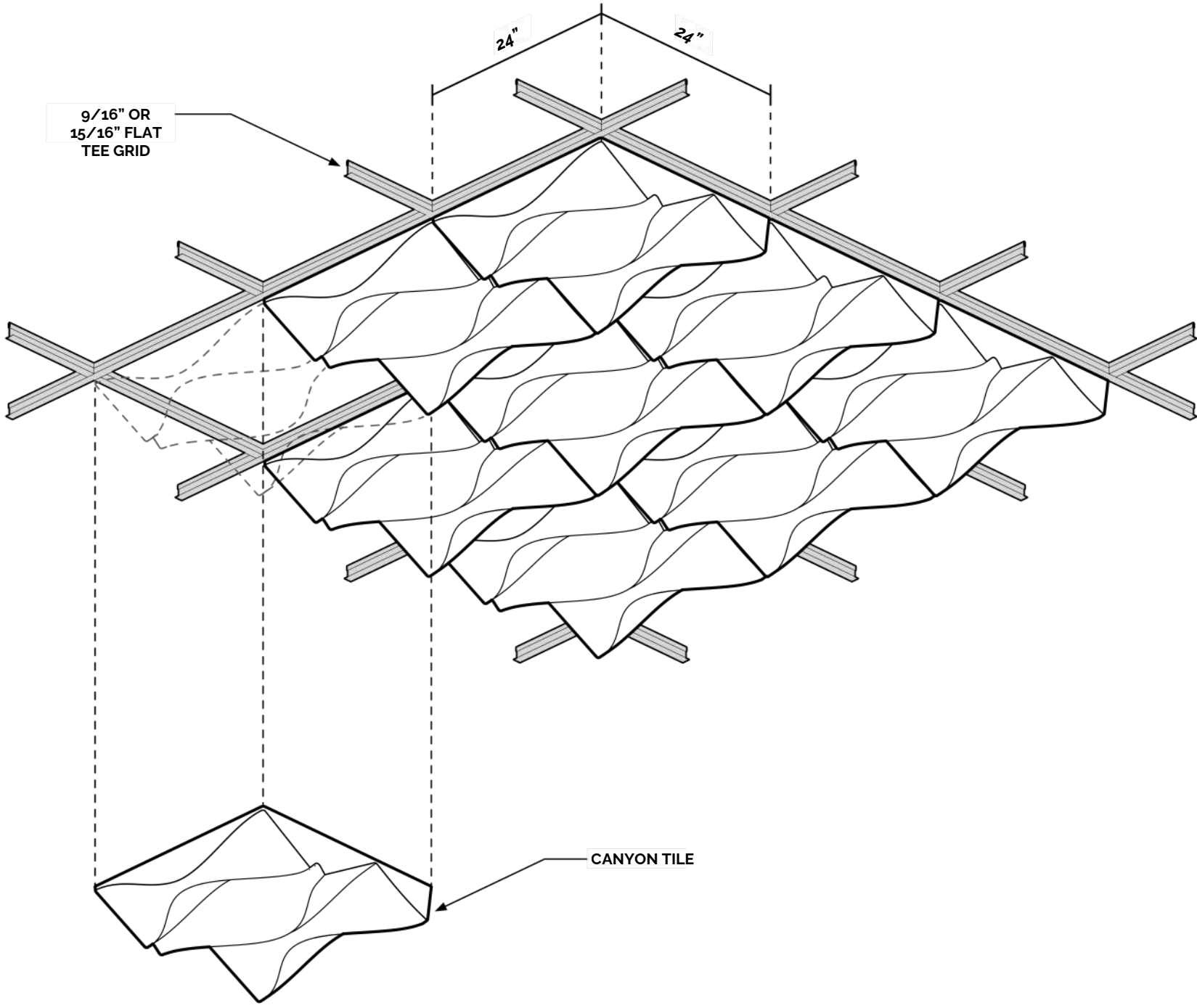
Connection Options

9/16" or 15/16" Flat Tee Grid
 Magnetic Clips
 Grid Clips
 Torsion Spring

Color

Colour Palette Canyon tiles can be specified in any of our 64 standard colors.

Tee Grid Color We recommend matching the tee grid to the tile color to maintain a consistent look and accommodate material flexibility.



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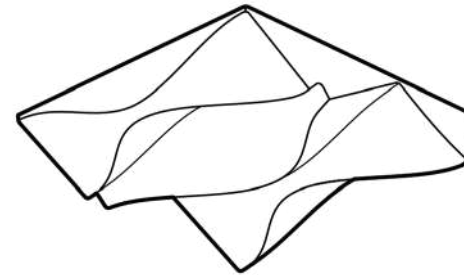
Tile Types & Layouts

- Design**
 Canyon uses one repeating tile to form a continuous wave-like surface.
- Uniform**
 Tiles are placed end-to-end in a consistent orientation.
- Combination**
 TAP tiles are engineered to work seamlessly with every system in our range.

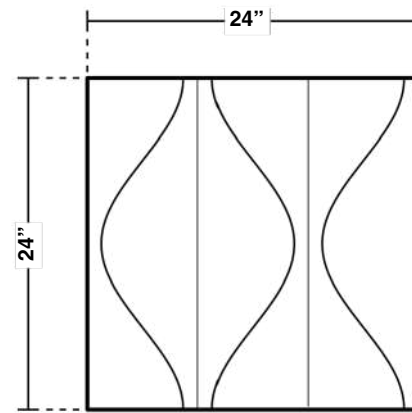
PROFILE

MESH

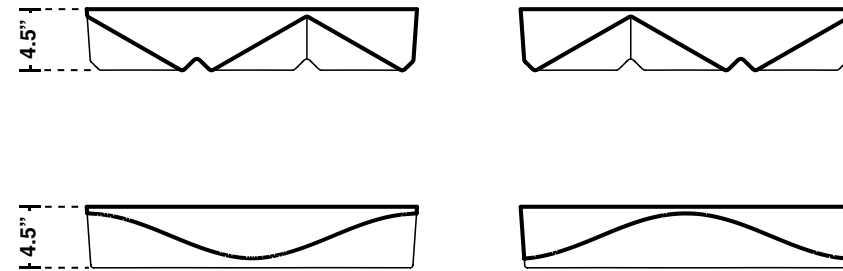
PERSPECTIVE



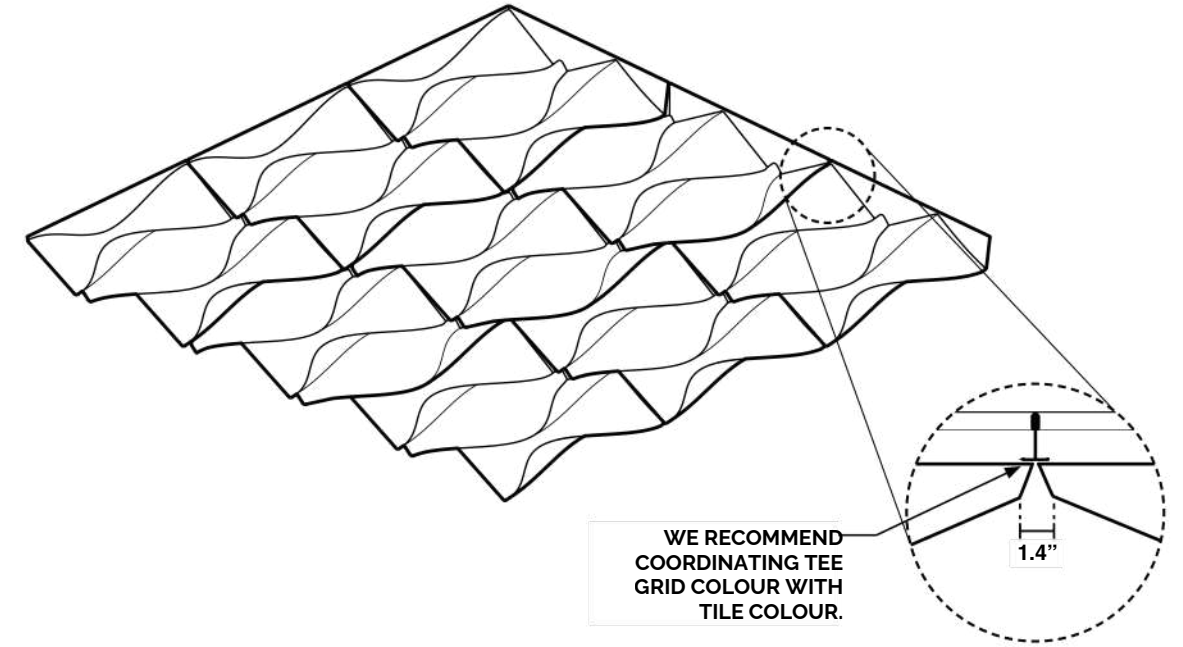
PLAN VIEW



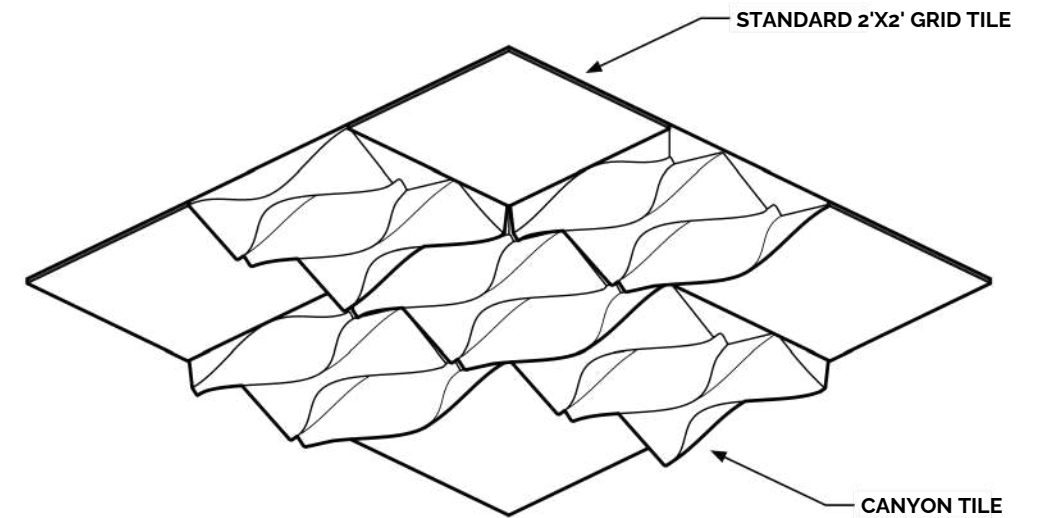
ELEVATIONS



UNIFORM LAYOUT



COMBINATION LAYOUT



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE



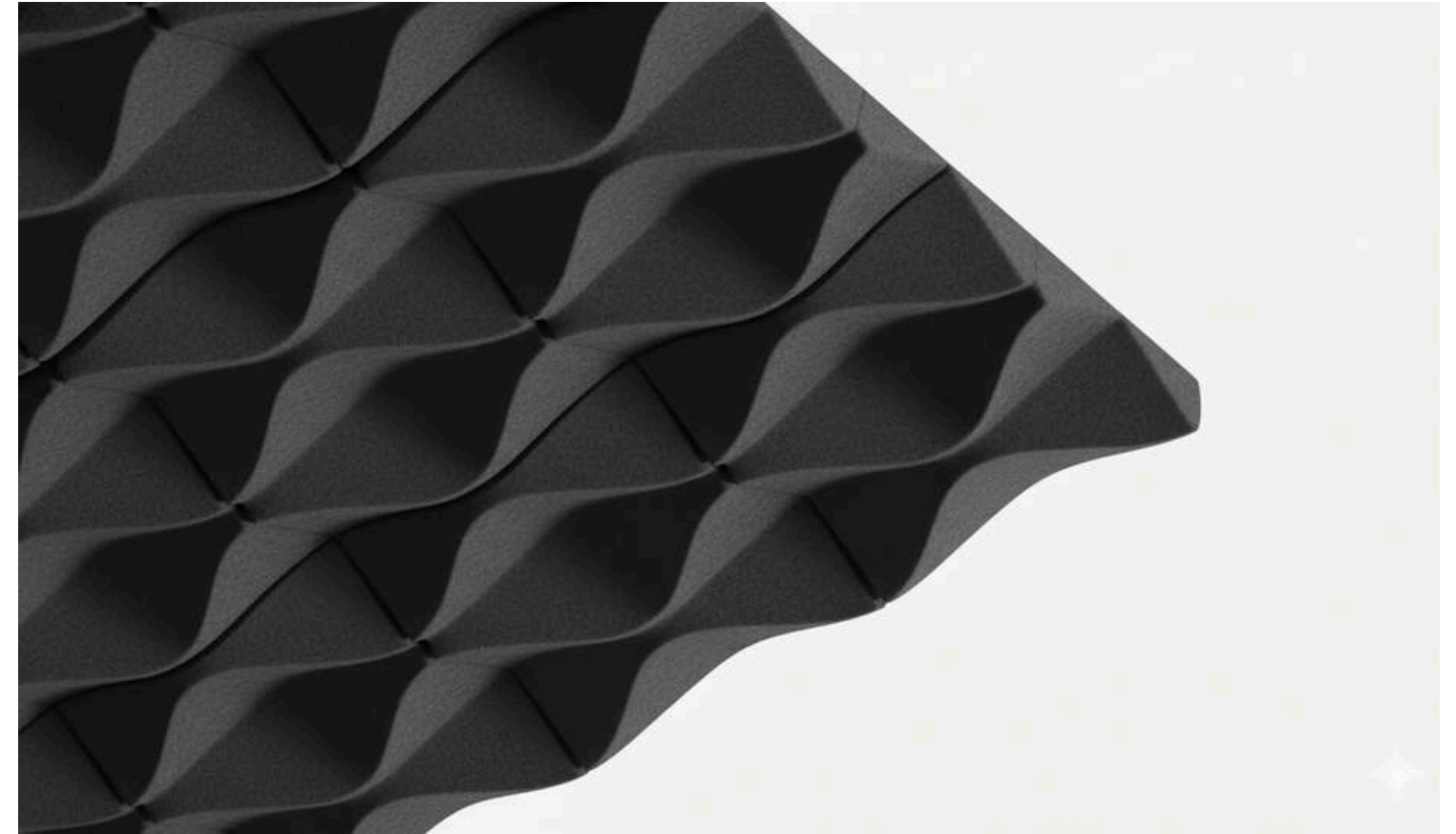
Tech

Acoustics	ASTM C 423-17: Type E-400
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Acoustic Rating

NRC = 0.95

A ceiling tile grid arranged in four rows of four.



Details

Lead Time	10-15 business days
Warranty	Five (5) years
Maintenance	Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.

Certifications

GREEN. 



Gridform

Quiet, Held in Geometry

Gridform's coffered ceiling sinks unwanted sound. Recessed square panels bring airy, ancient dimensionality, while open tile options provide flexibility for existing fixtures. With Gridform, any space becomes an architectural acoustic feature.



Dimensions

Standard Size	24"L x 24"W x 3.65"D
Tile Types	A, B, C, D, E, F See "Tile Types" page for more details.
Tile Recess	Gridform tiles feature closed centers, with Open versions available for every type.

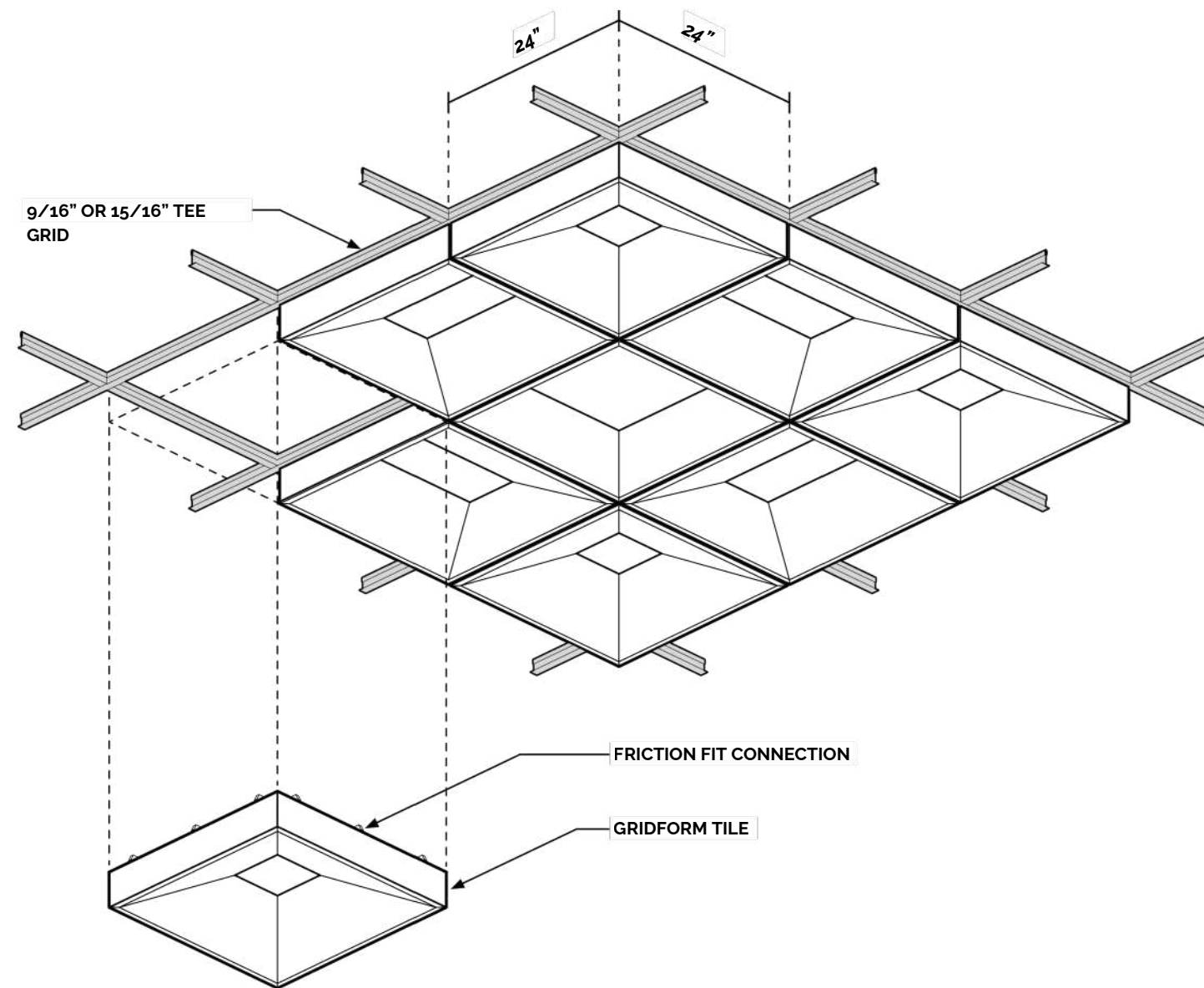
Connection

9/16" or 15/16" Flat Tee Grid	Friction Fit
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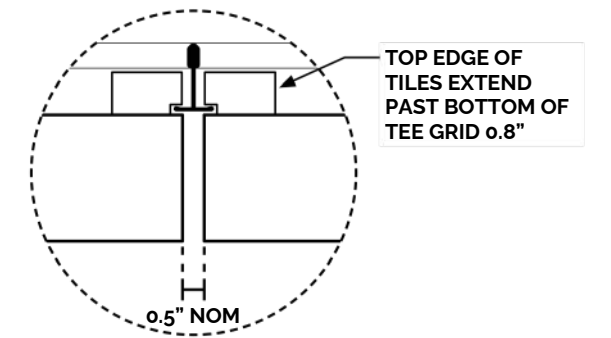
Color

9mm Palette	Gridform tiles can be specified in any of our 64 standard colors.
Color Match	Got a custom color or print in mind? UV printing lets us match nearly any tone or printed design.

Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.



FRICITION FIT CONNECTION DETAIL



Tile Types

Design

Gridform tiles come in six standard profiles, each with a distinct recess depth or position. Coordinated together, they create a dynamic coffered ceiling.

A Tiles

Gridform B and C tiles feature a 12" L x 6" W rectangular recess, either centered or offset.

B & C Tiles

Gridform B and C tiles feature a 12" L x 6" W rectangular recess, offered either centered or shifted.

Ideal for array edges or for achieving a slimmer profile.

Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.

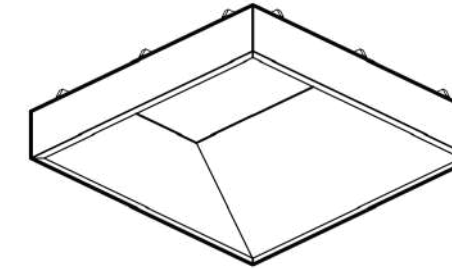
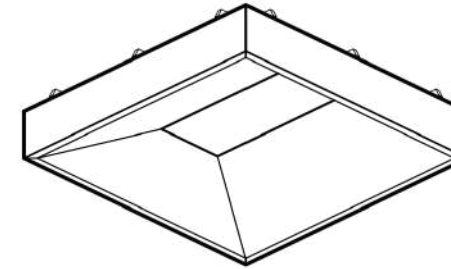
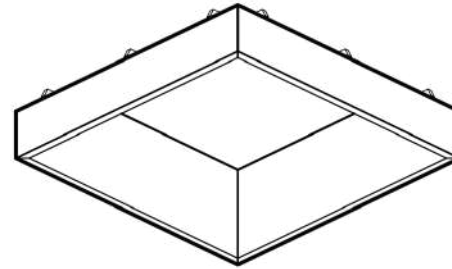
PROFILE TYPES

GRIDFORM A

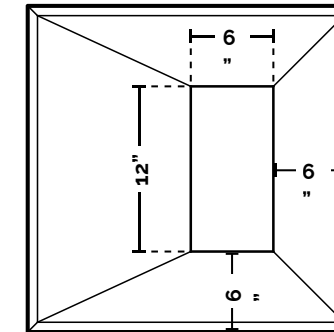
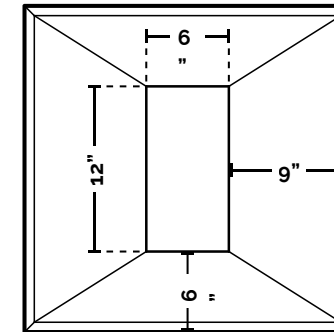
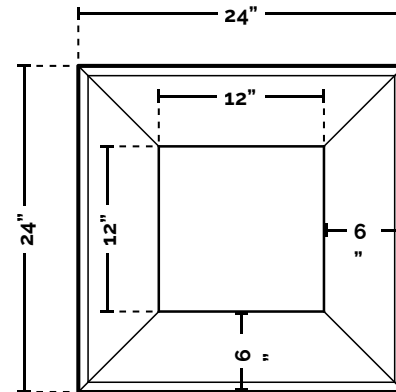
GRIDFORM B

GRIDFORM C

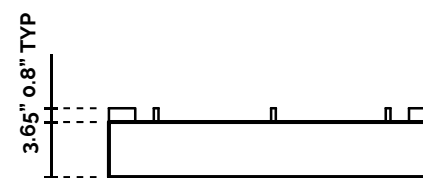
PERSPECTIVE



PLAN VIEW



TYPICAL ELEVATION



ALL DIMENSIONS NOMINAL UNLESS NOTED OTHERWISE

Tile Types - Continued

D, E & F Tiles

Gridform D, E & F tiles have a 6" x 6" recess that may be centered or shifted in multiple orientations.

Perfect for corner conditions or for building a uniform field.

Tile Layouts

Refer to the "Typical Layouts" pages for ideas on how to mix tile types.

Tile types can be freely mixed to create a layout unique to your project.

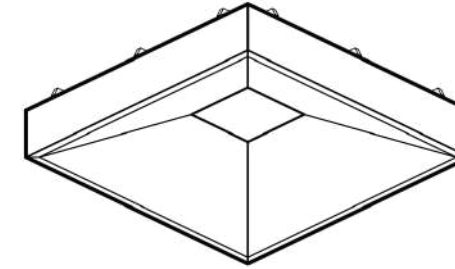
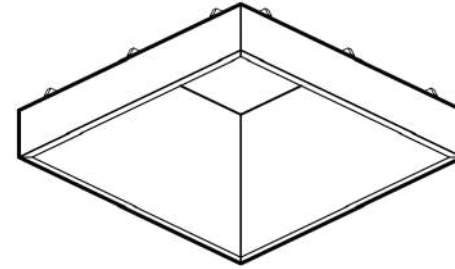
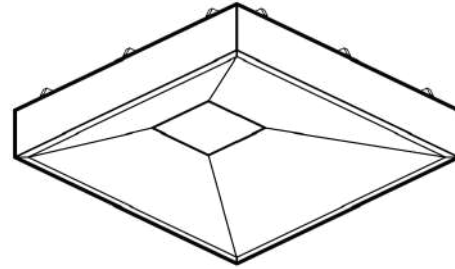
PROFILE TYPES

GRIDFORM D

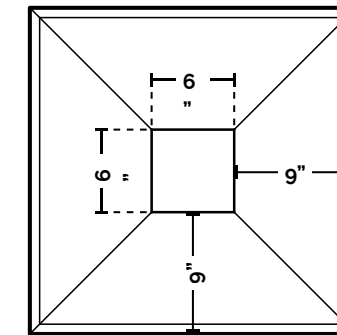
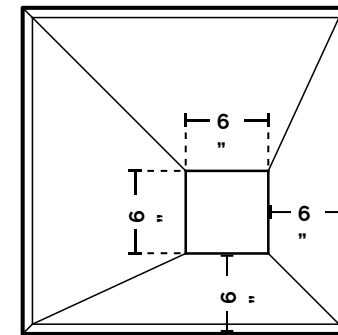
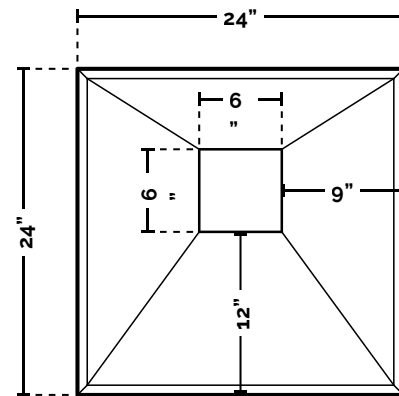
GRIDFORM E

GRIDFORM F

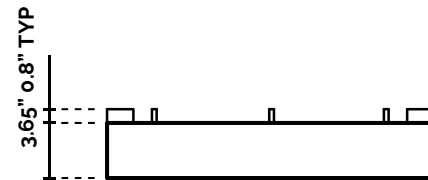
PERSPECTIVE



PLAN VIEW



TYPICAL ELEVATION



Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.

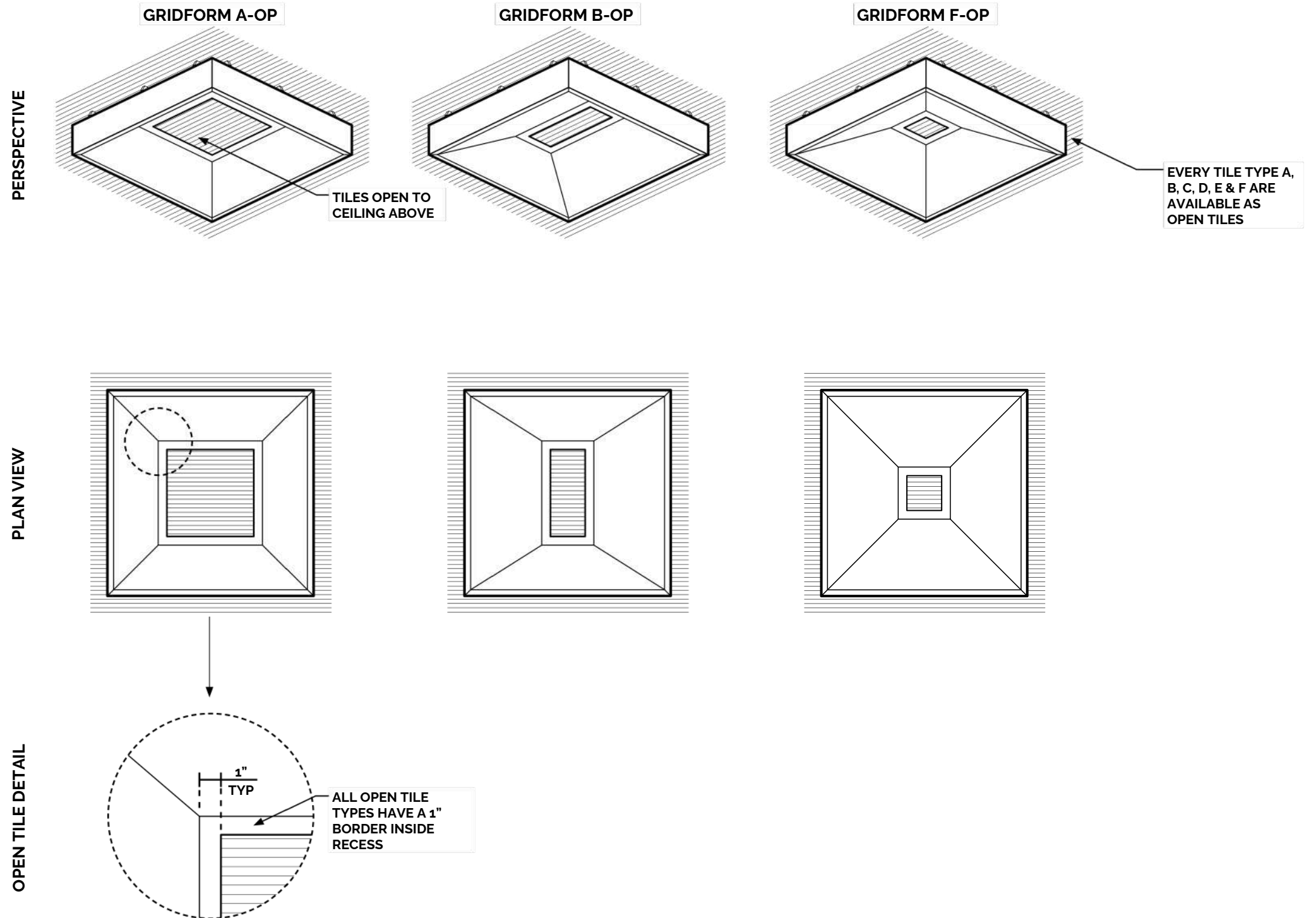
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Open Tiles

- Tile Flexibility**
 All six Gridform tile types have an Open version, where the recess is removed and the ceiling above is exposed.
- Ceiling and Equipment**
 With open tiles, the ceiling above remains accessible, offering flexibility for lighting, sprinklers, and other services.
- Recess Border**
 Open tiles include a 1" border around the recess for added rigidity.
- Tile Types Compatibility**
 All tile types can be ordered with an opening; the drawings illustrate just a few possibilities.

PROFILE TYPE EXAMPLES



Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.



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Typical Layouts

Border

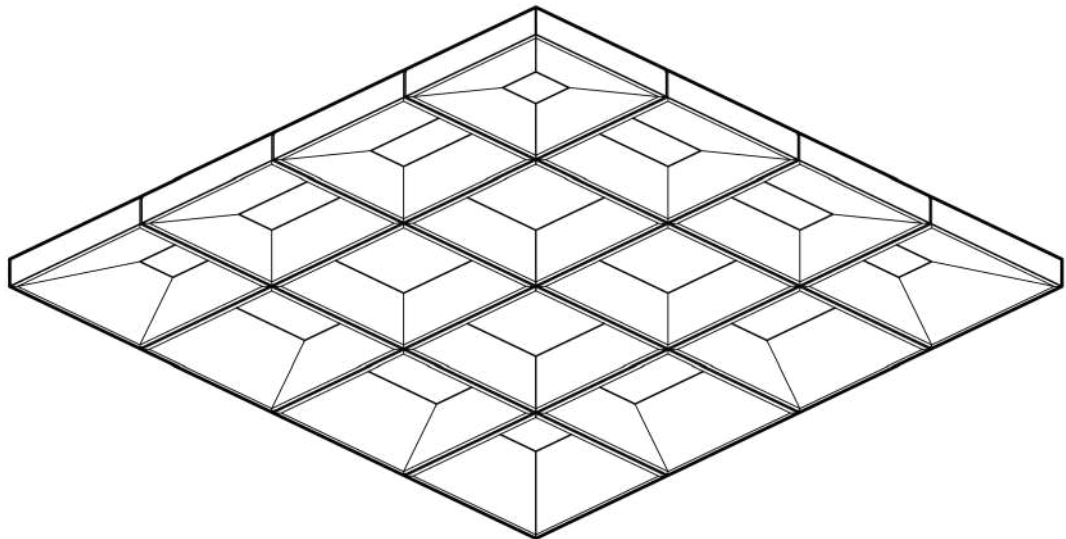
Gridform can combine tile types to form a coffered ceiling with a clear border along the room's edge.

In-Line

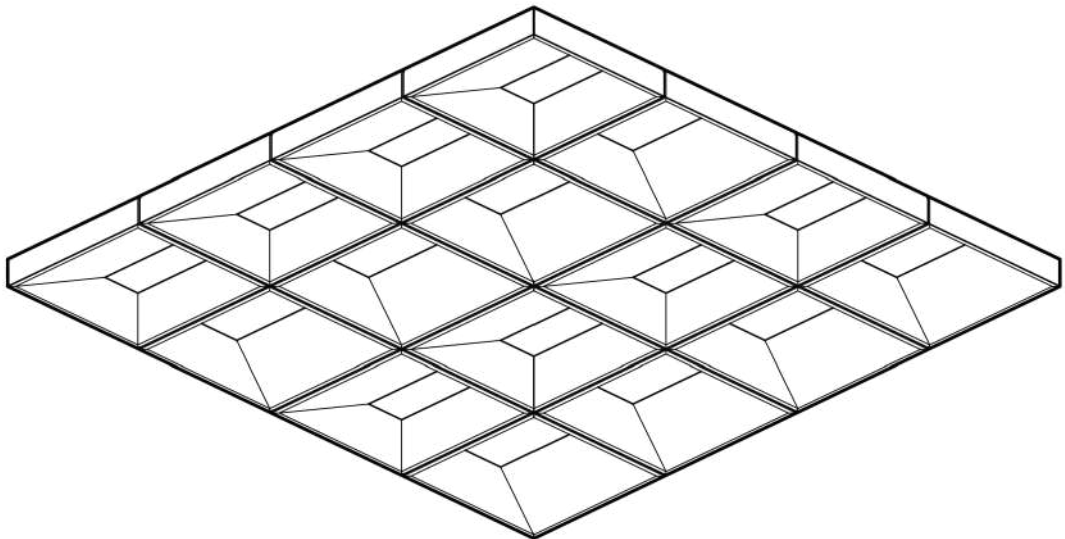
With just B or C tiles, this Gridform layout can carve a path and guide movement through a space.

Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.

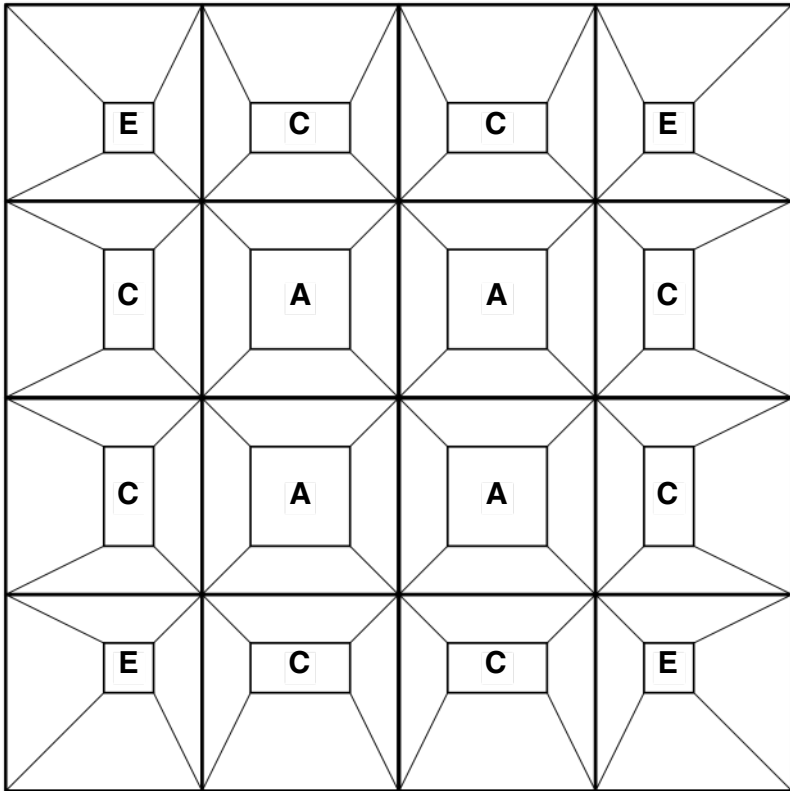
BORDER



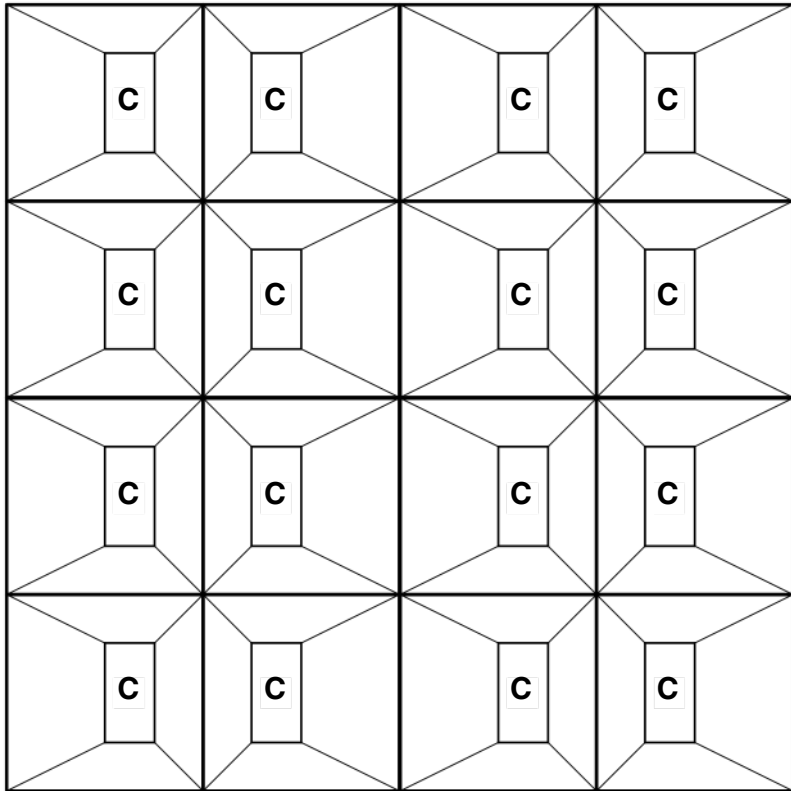
IN-LINE



BORDER PLAN VIEW



IN-LINE PLAN VIEW

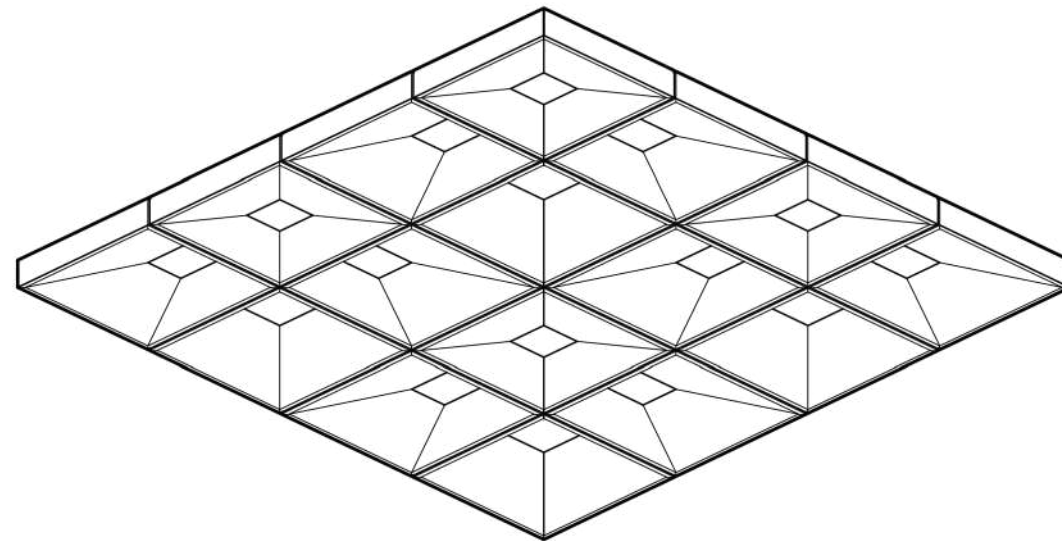


Typical Layouts - Continued

Star

Use the offset layout of Gridform E tiles to form larger clusters and star patterns.

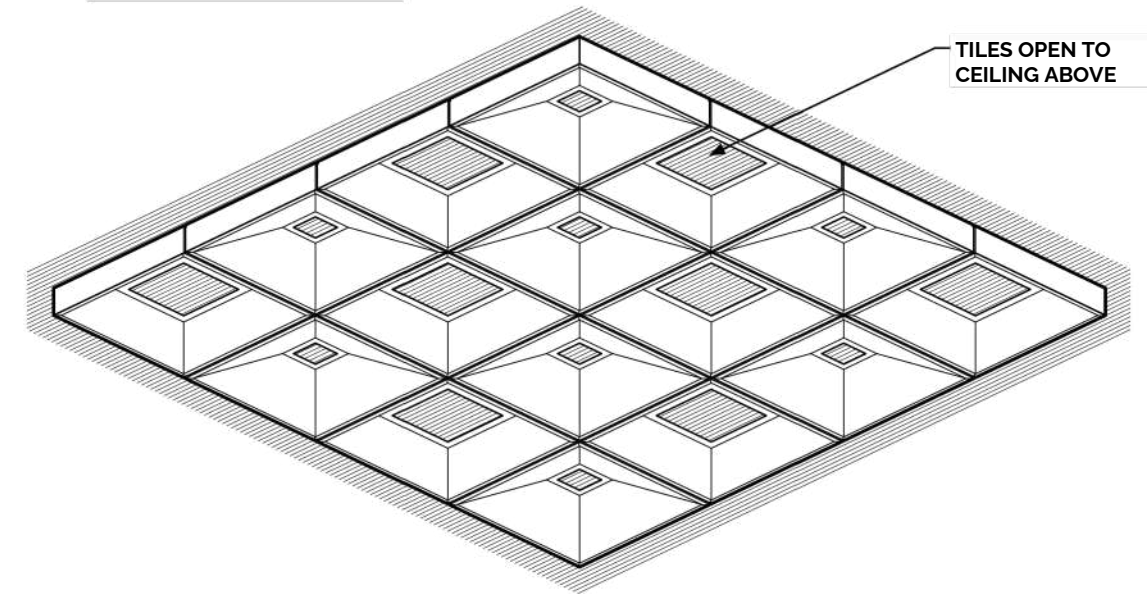
STAR



Open Checkerboard

Alternate A and F tiles to form a clean pattern. Open versions keep the ceiling accessible for fixtures and equipment.

OPEN CHECKERBOARD

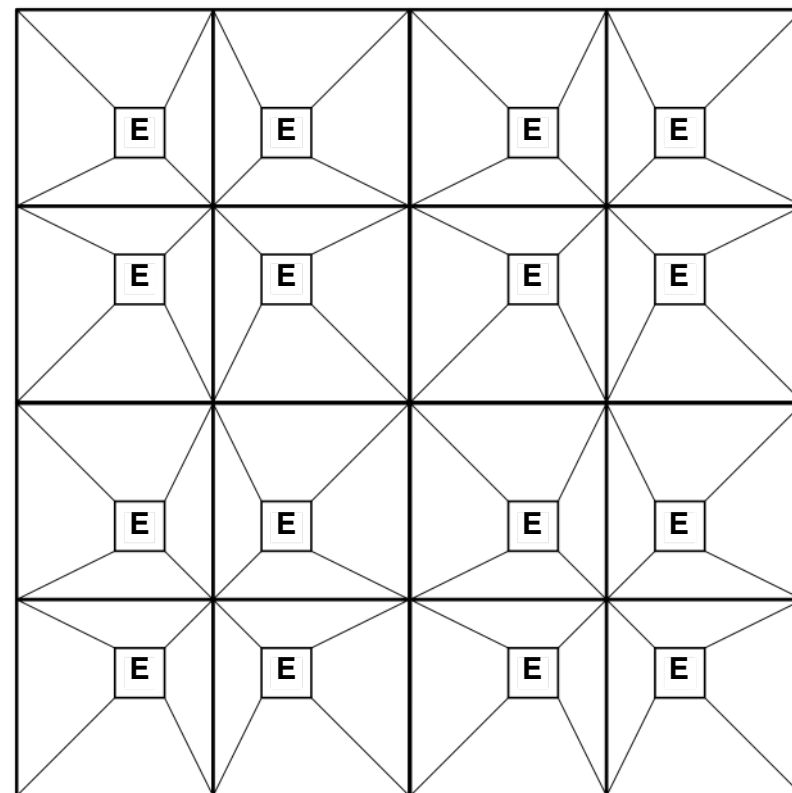


Unique Layout

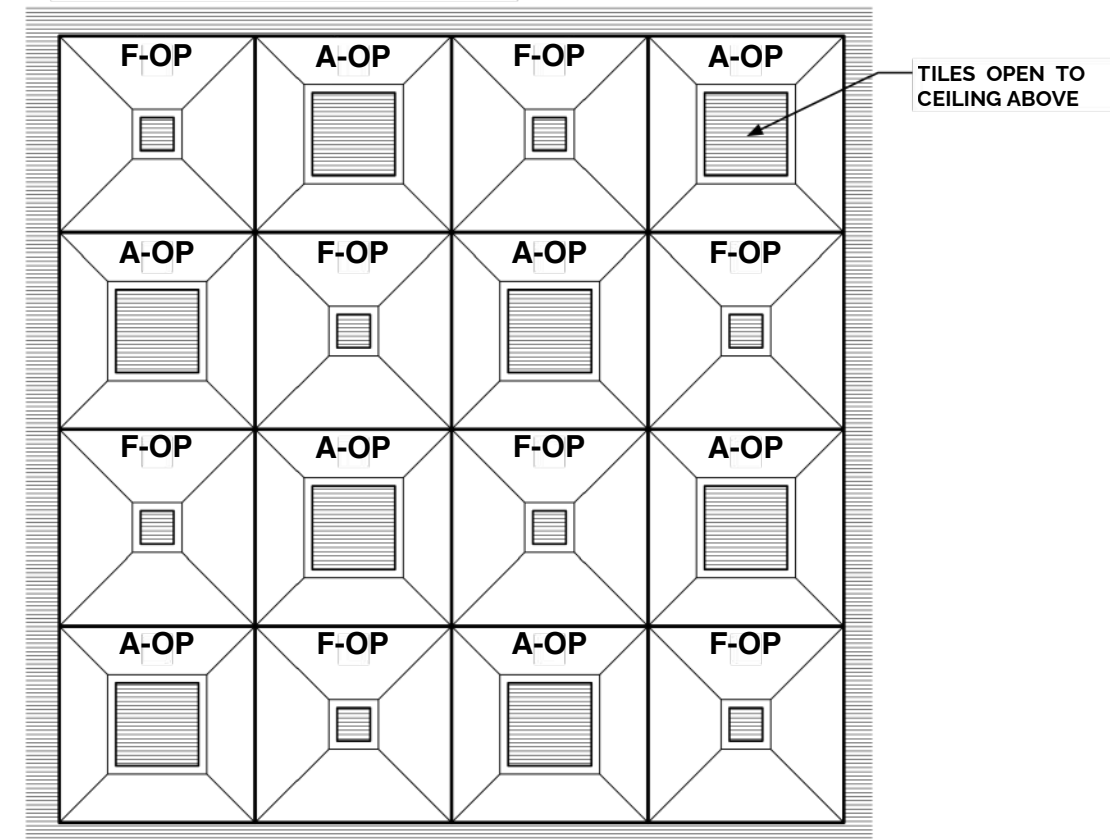
The designs shown represent just a few of the many possible configurations. Gridform allows you to create a layout fully tailored to your space.

Tile types are fully coordinated, open or closed, with or without integrated lighting.

STAR PLAN VIEW



OPEN CHECKERBOARD PLAN VIEW



Note: Profiles A & F are currently available. Profiles B, C, D, and E will be introduced from 2026 onwards.



Tech

Acoustics	ASTM C 423-17: E-400
Fire Rating	ASTM E-84 – Class A
VOC	ASTM D5116 Compliant

Details

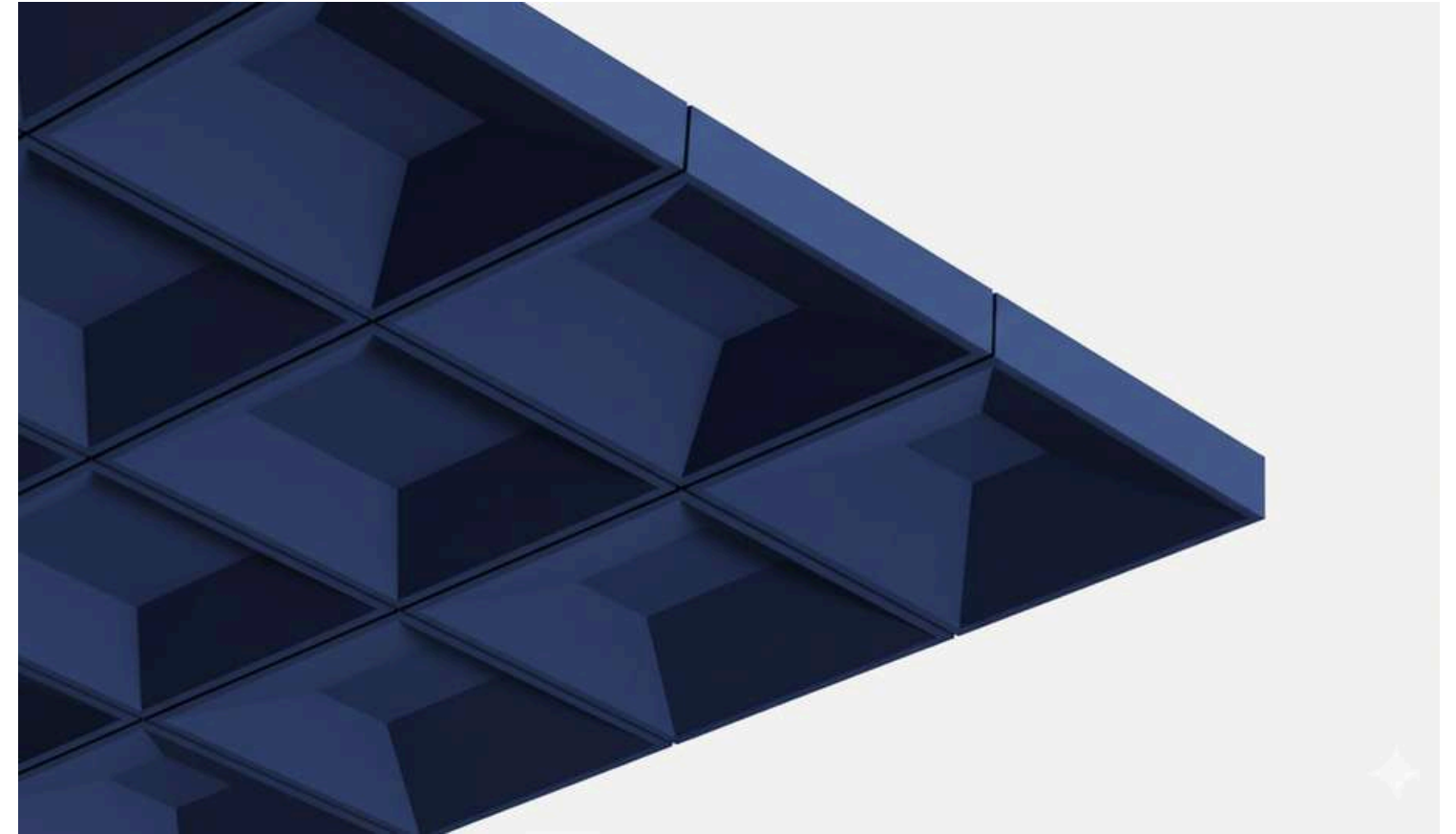
Lead Time	10-15 business days.
Warranty	Five (5) years
Maintenance	Vacuum to remove any particulate matter and air-borne debris or dust. Compressed air can be used to dust the material in difficult to reach areas for large assemblies. Contact us for more information relative to spot cleaning.

Acoustic Rating

Gridform Tile	NRC = 0.90
Gridform Open Tile	NRC = 0.85
	his rating applies to a 4-by-4 grid of mixed ceiling tiles.

Certifications

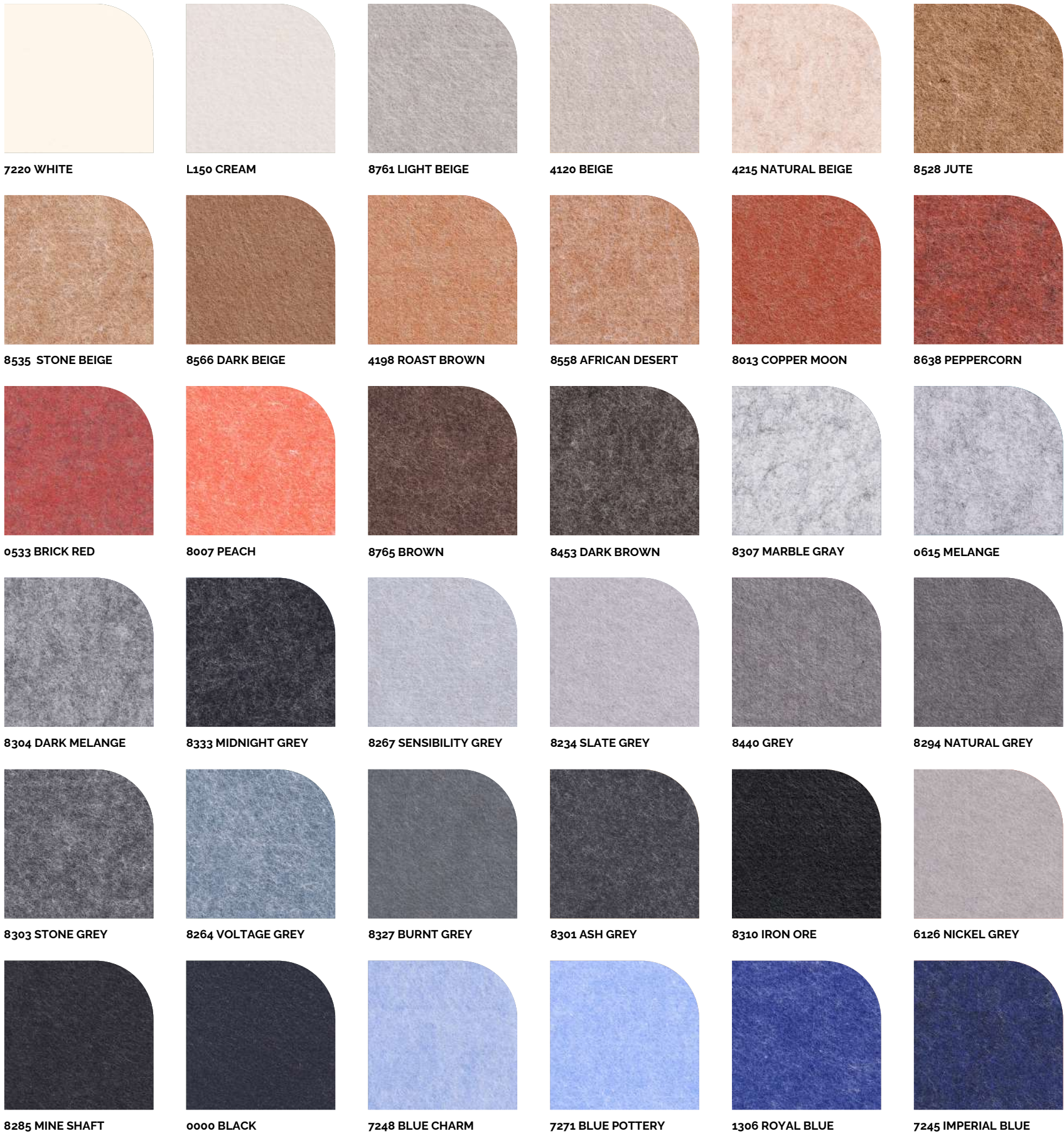
GREEN. 



Colour Palette

Available in 64 standard colours, curated to complement the Asian Paints catalogue. Choose from subtle, architectural neutrals in greys and beiges, or make a statement with vibrant reds, yellows, blues, and greens.

Colour accuracy may vary on screens and print. Material samples are recommended for final selection.



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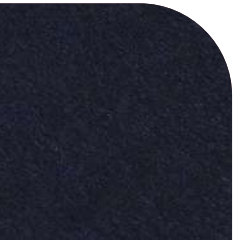
7329 SKY BLUE



7326 SAPPHIRE



7357 EMPHASIS BLUE



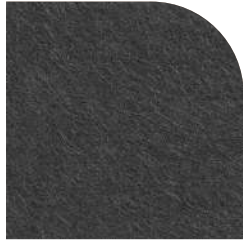
7221 NAVY BLUE



7505 TURQUOISE



7511 VALLEY GREEN



8389 ENCHANTED FOREST



7726 GRASS GREEN



7725 OLIVE GREEN



7689 GARDEN MOSS



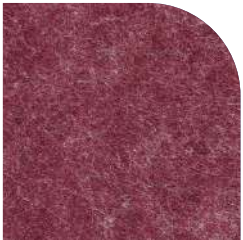
7581 URBAN GREEN



8093 RED



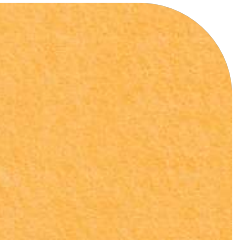
8085 URBAN RED



8109 MAROON



8701 DARK MAROON



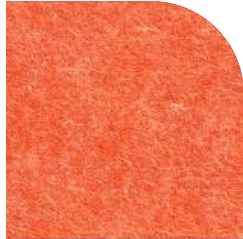
7943 YELLOW



7958 GOLD



7933 MUSTARD



8021 ORANGE



0427 TERRACOTTA



7966 TURMERIC



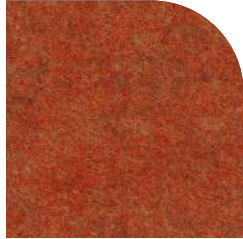
0419 NUT BROWN



8141 PASSIONFRUIT



0318 LIGHT BISCUIT



0578 VOLCANO



7109 PURPLE



8197 HEP PURPLE





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Let's connect. Reach us at admin@tapacoustics.com

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