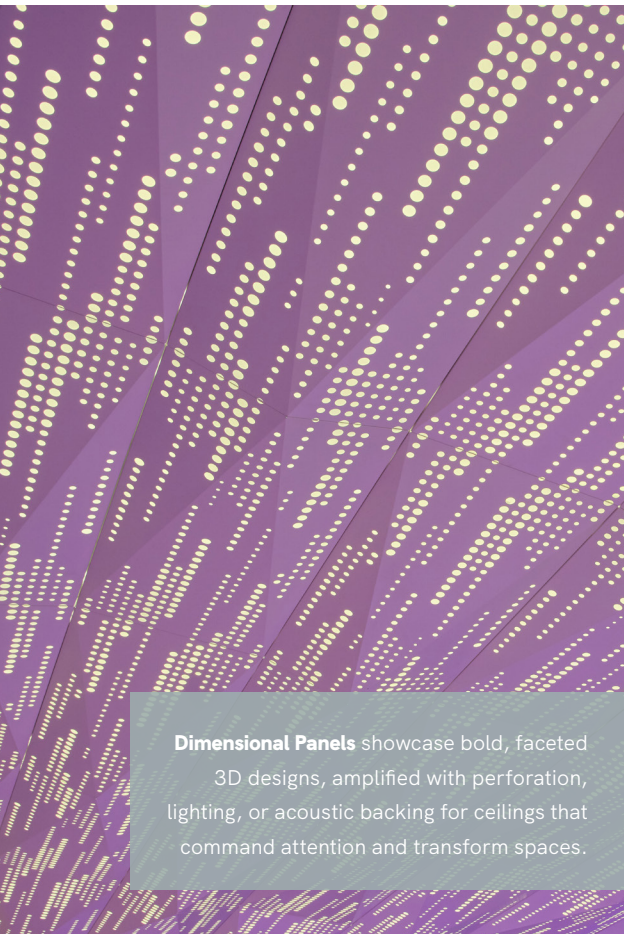
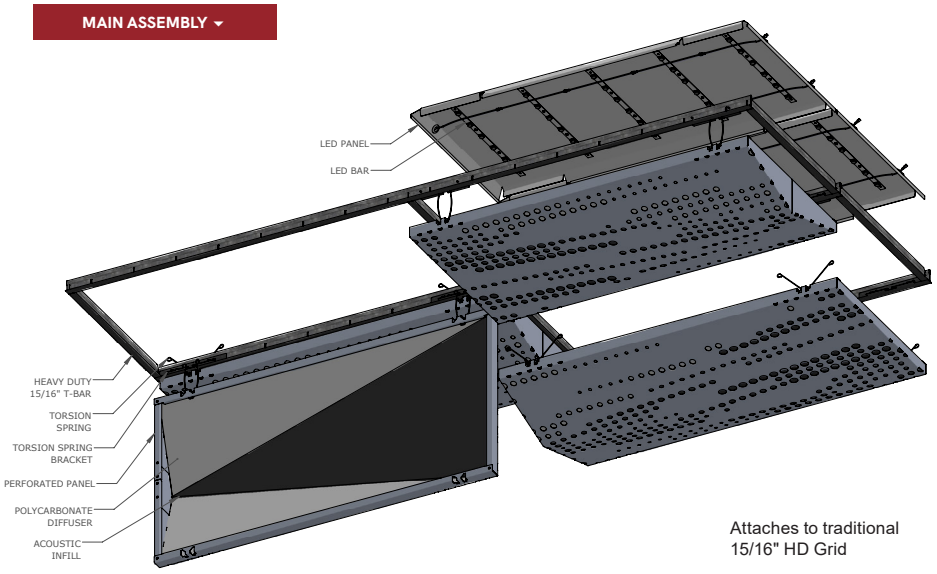
PANEL:Form™ | DIMENSIONAL PANELS



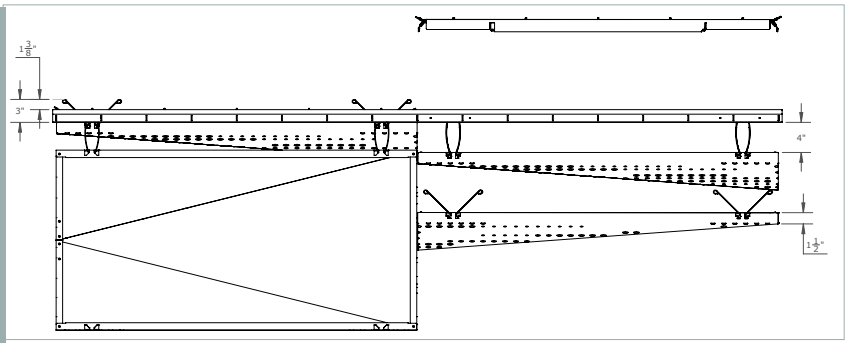
Dimensional Panels showcase bold, faceted 3D designs, amplified with perforation, lighting, or acoustic backing for ceilings that command attention and transform spaces.

MAIN ASSEMBLY



Attaches to traditional 15/16" HD Grid

PANEL ATTACHMENT



PHYSICAL DATA

- Material substrates – Aluminum | Fabricated
- Thickness .041" - .060" design dependent
- Fire Performance - Class A: Tested per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.
- Weight – Varies from 1.0-1.5 lbs./sq.ft.
- Warranty – One Year Limited
- Surface Finish - Factory-applied polyester paint. Available in Standard Colors, Color Matched and Wood Look Powder-Coated and laminated.
- Seismic areas – Dimensional Panels have been engineered for use in all seismic areas. Installations may require additional attachment from panel to suspension bar. Check with local code officials or a licensed engineer for additional requirements.

SUSTAINABILITY

LEED CONTRIBUTION – METAL

- LEED BD+C v4 (MR: Regional & Recycled Materials).
- Schools EQ: Acoustic Performance.
- ID+C EQ: Low-Emitting Materials.
- No VOCs.
- EPD available.
- Aluminum contains up to 80% recycled content.

LEED CONTRIBUTION – FELT

- BD+C v4 (MR: Product Disclosure, Recycled Content).
- Schools EQ: Acoustic Performance.
- Up to 60% post-consumer PET felt.
- No VOCs.
- EPD & GREENGUARD Gold certified.

LEED® is a registered trademark of the U.S. Green Building Council

FEATURES

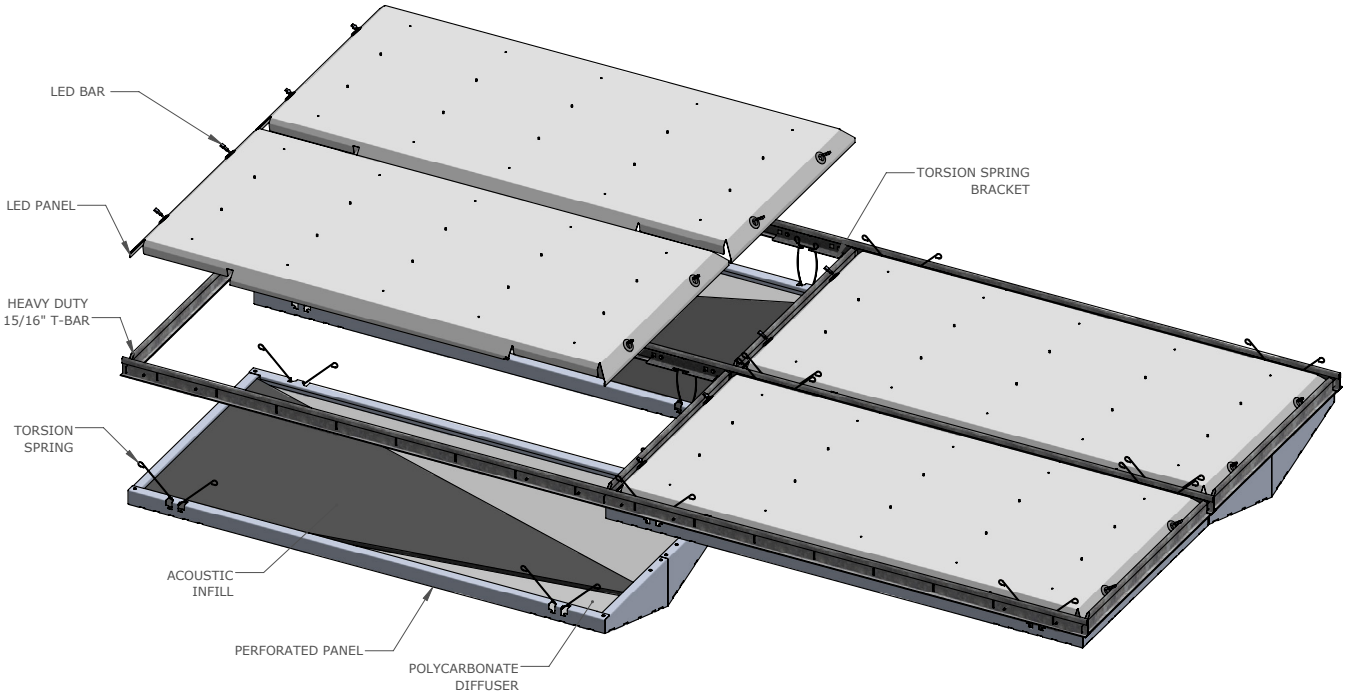
- Create faceted, multi-dimensional designs that can also enhance lighting and acoustics in your space.
- Unlimited finish options - custom colors, wood looks, and films.
- Custom sizes & shapes – At Maxxit custom is what we do best. We will make any shape or size you can design.
- Perforations run to the panel edge and are matched to adjacent panels for a more seamless appearance.
- Attaches to both traditional 15/16" HD Grid and Maxxit's custom suspension system.
- Torsion spring design allows for easy access to light panel. Panels can remain hinged to suspension to avoid damage.
- Cleanable using CDC recommended and EPA-approved disinfectants for fog, spray & wipe.
- Backlighting options include White and RGBW LED (see Lighting Specification page for details).
- Acoustical Options - Perforated panels can be fitted with acoustic infills or architectural felt to reduce noise and enhance visual interest.

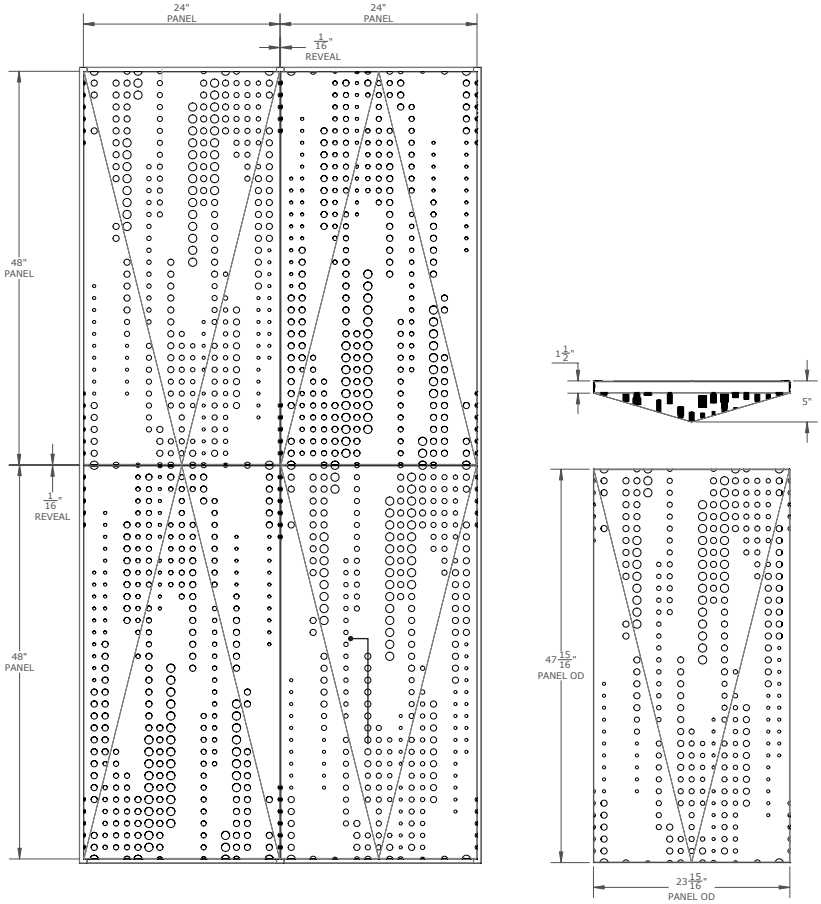
Physical data, Features and Sustainability on this page pertain to the Panels. Refer to the Lighting section for details on lighting.

MAXXIT CEILINGS & WALLS

PANEL SPECIFICATION

Ceiling panels are designed to be mounted onto standard 15/16" HD Grid using torsion springs. Sound absorption can be enhanced by placing acoustic liners or felt panels behind perforated surfaces.





Perforated surface is crafted using unique tiles arranged strategically to minimize visual repetition, creating a seamless look throughout the space. Ceiling panels have edge-to-edge perforations, subtly blending where each panel joins for a unified look. Polycarbonate diffusers are included for even light distribution while protecting the internal LED components (hosted within LED panels).

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MAXXIT CEILINGS & WALLS

LIGHTING SPECIFICATION

The Maxxit Dimensional back-lit panel system integrates LED lighting directly into its lightweight, perforated metal ceiling panels, creating a sophisticated, seamless lighting solution. Designed with ease of installation in mind, the back-lit panels feature a modular system that allows for quick assembly and consistent illumination across large spaces. With customizable options for brightness, color temperature, and control systems, Dimensional back-lit panels are ideal for commercial environments, offering both functional lighting and a high-end, modern look. Available in White and RGB versions.

BACKLIT PANELS BACKLIGHTING SPECIFICATIONS

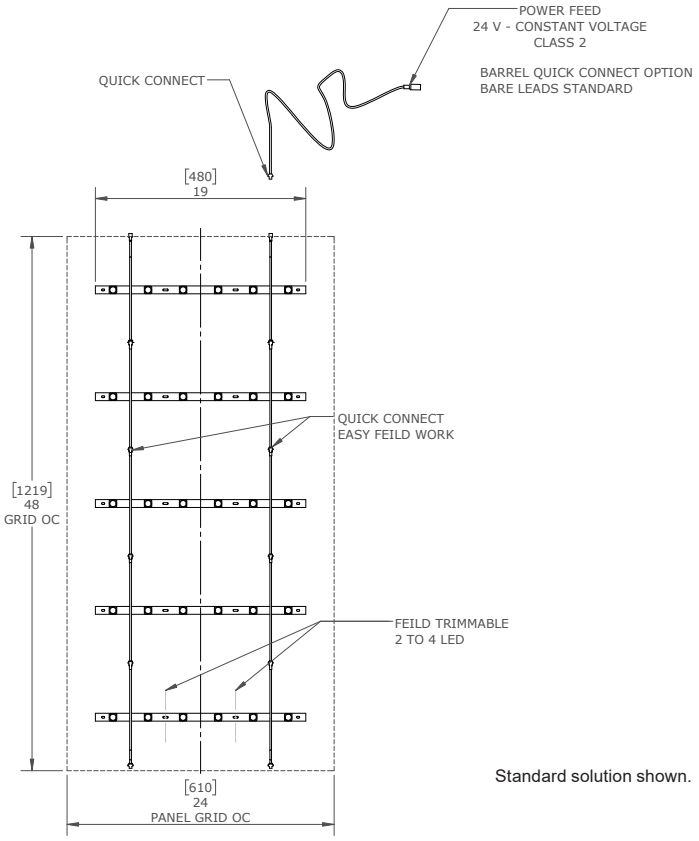
PHYSICAL DATA	STANDARD WHITE	HIGH OUTPUT WHITE	RGBW
TOTAL LUMENS	2270 Lm / Panel	5940 Lm / Panel	1800 Lm / Panel
POWER CONSUMPTION	25 Watts / Panel	66 Watts / Panel	72 Watts / Panel
VOLTAGE	24 Volt DC	24 Volt DC	24 Volt DC
COLOR TEMP	3500K, 4100K	3500K, 4100K	up to 6500 K (White) • Red • Green • Blue
CRI	≥90	≥90	≥80
DIMMING OPTIONS	Phase-Cut (TRIAC/ELV), 0–10V, DALI, DMX512, Wireless	Phase-Cut (TRIAC/ELV), 0–10V, DALI, DMX512, Wireles	DMX/RDM 0.1%-100%
EFFICACY	91 lm/w	83 lm/w	Varies depending on color temperature and wattage
BEAM ANGLE	210°	170°	117°
SIZE (L X W X D)	48" x 24" x 2.75" (30 light modules per panel)	48" x 24" x 2.75" (66 light modules per panel)	48" x 24" x 2.75" (12 bars/108 LEDs per panel)
CERTIFICATIONS	UL recognized component (E362079), Class2 UL listed (E346146) Dry/damp location, indoor use only	UL recognized component (E362079), Class2 UL listed (E346146) Dry/damp location, indoor use only	UL Recognized Component, IP20
OPERATING TEMPERATURE	-20°C (-4°F) ~ +60°C (+140°F)	-30° C (-22° F) ~ +40° C (+104° F)	-20°C (-4°F) ~ +60°C (+140°F)
DRIVER	5-in-1 Dimmable LED Driver 24V	5-in-1 Dimmable LED Driver 24V	5-in-1 Dimmable LED Driver 24V



LIGHTING SPECIFICATION

White Backlighting - STANDARD

- 5-bar, 30 LED ladder configuration
- Engineered for energy efficiency while delivering bright, uniform illumination.
- 210 degree forward-facing diodes provide direct illumination with enhanced color consistency and even light distribution.
- Ideal for interior spaces and applications requiring scalable backlighting dimensions.
- Offers streamlined on-site customization options for efficient installation.
- Up to three standard panels can be powered from a single driver, reducing costs, minimizing component count, and simplifying installation.



Standard solution shown.

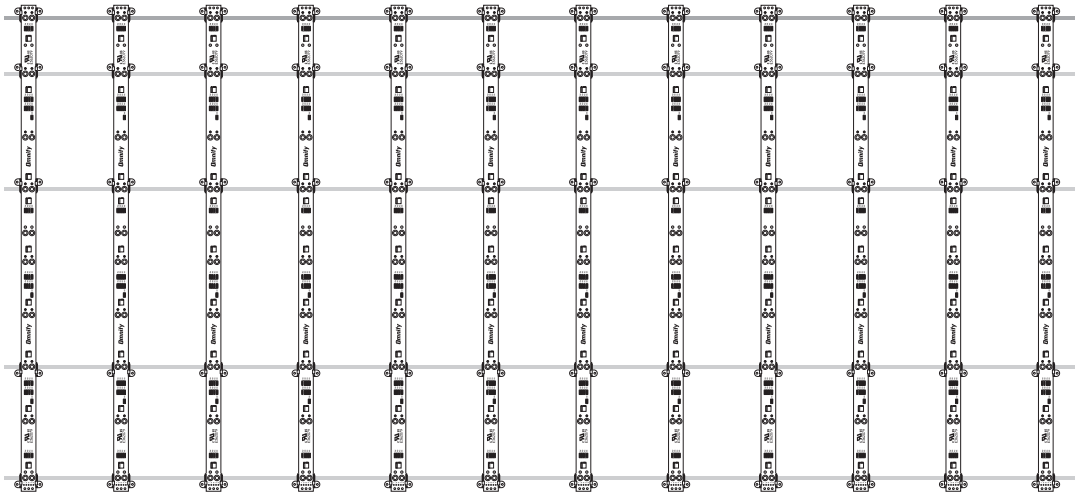
White Backlighting - HIGH OUTPUT

- 11-bar, 66 LED ladder configuration
- Delivers bright, uniform illumination across large backlit surfaces in both ceiling and feature walls.
- Provides optimal lumen output for high- performance lighting.
- 170 degree wide beam optica ensure uniform light distribution and consisten illumination
- A dedicated driver is required for each panel to ensure consistent performance and reliable operation.

RGBW Backlighting

- A reliable RGBW 4-in-1 5050 LEDs with high performance
- Forward facing diodes for direct color lux and light uniformity
- Wide range of color options, include white (up to 6500K), red, green and blue
- Indoor use only





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MAXXIT
CEILINGS & WALLS

WOOD LOOK FINISHES

Standard Powder Coated Paint Finishes (Interior & Exterior) Formaldehyde-Free


National Walnut


Chestnut


Rosewood


European Cherry


Knotty Pine


Oak Fine


Maple


American Douglas


American Maple


Teak

Custom Colors

FIND YOUR PERFECT MATCH

At Maxxit we have a passion for finishes; wood, metallic, oil rubbed, whatever your challenge is we can match it!



Send us a color sample so we can quickly provide a color match.

Standard Laminated (Film) Finishes (Interior only). Formaldehyde-free


Canadian Oak


White Oak


American Natural


North Oak


European Walnut


Brazilian Walnut

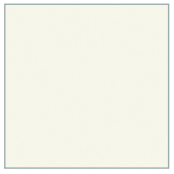

Black Ash

STANDARD COLORS

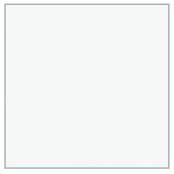
Maxxit powder coat finishes offer superior chemical, scratch and UV resistance, they do not emit VOC's and are available in a broad range of textures, glosses and specialty looks.

Powder Coated Paint Finishes (Interior & Exterior) Formaldehyde-Free


Black
(25-35 Gloss)


White
(17-20 Gloss) | LRV 79-80


Chalkstone White
2-6 Gloss | LRV 85-86


Snow White
(25-30 Gloss) | LRV 83-84


Sterling Silver
(20 Gloss)


Sunrise Yellow
(20 Gloss)


Tan Straw
(20 Gloss)


Blush Rose
(20 Gloss)


Forest Green
(20 Gloss)


Grey
(65-75 Gloss)


Mid Beige
(20 Gloss)


Pure Orange
(20 Gloss)

Custom Colors


Custom colors available

Powder Coated, Bonded Metallic Finishes (Interior & Exterior) Formaldehyde-Free


Dark Bronze


Forged Charcoal


Gold


Golden Bronze


Metallic Sterling Silver


Soft Nickel


Blush Copper

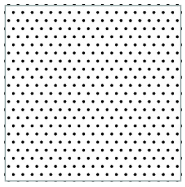
MAXXIT
CEILINGS & WALLS

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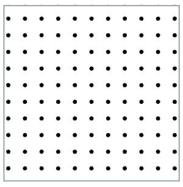
PERFORATIONS

Perforation patterns may be limited or not available for some product styles and designs. Perforation border size varies based on product style, size, and perforation pattern. For specific details, please reach out to your Maxxit representative.

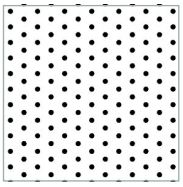
Standard Perforations Angles – Staggered 60°



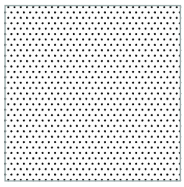
S02 Staggered
Diameter 0.063
Open area 4.5%
Centers 0.281



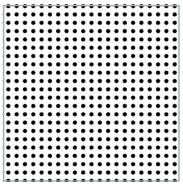
S03 Straight
Diameter 0.125
Open area 4.9%
Centers 0.5



S04 Staggered
Diameter 0.125
Open area 9.9%
Centers 0.379

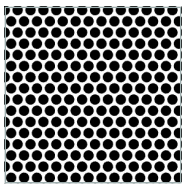


S05 Staggered
Diameter 0.063
Open area 10.1%
Centers 0.188

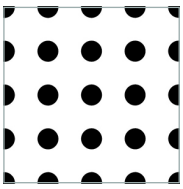


S06 Straight
Diameter 0.125
Open area 19.6%
Centers 0.25

Premium Perforations Angles – Diagonal 45° | Staggered 60°



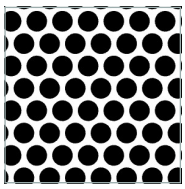
P07 Staggered
Diameter 0.25
Open area 58.1%
Centers 0.312



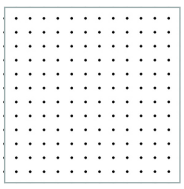
P08 Straight
Diameter 0.563
Open area 17.5%
Centers 1.191



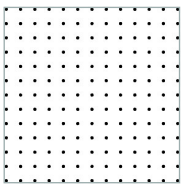
P09 Staggered
Diameter 0.5
Open area 40.3%
Centers 0.75



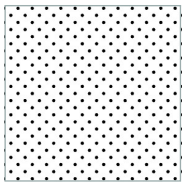
P10 Staggered
Diameter 0.5
Open area 58%
Centers 0.625



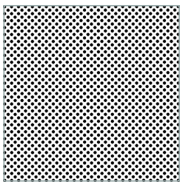
P11 Straight
Diameter 0.063
Open area 2.1%
Centers 0.379



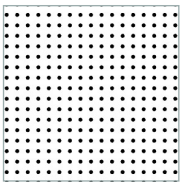
P12 Straight
Diameter 0.098
Open area 4.1%
Centers 0.427



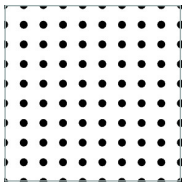
P13 Diagonal
Diameter 0.098
Open area 8.3%
Centers 0.427



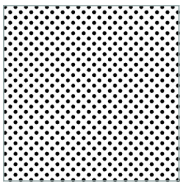
P14 Diagonal
Diameter 0.078
Open area 26.5%
Centers 0.19



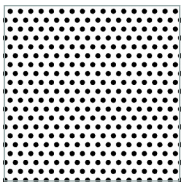
P15 Straight
Diameter 0.118
Open area 11%
Centers 0.315



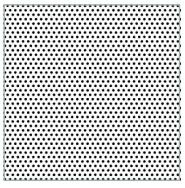
P16 Straight
Diameter 0.236
Open area 12.6%
Centers 0.591



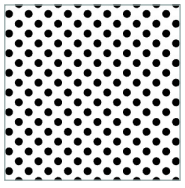
P17 Diagonal
Diameter 0.118
Open area 22.1%
Centers 0.315



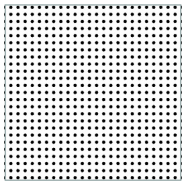
P18 Staggered
Diameter 0.125
Open area 22.7%
Centers 0.25



P19 Staggered
Diameter 0.063
Open area 22.7%
Centers 0.125



P20 Diagonal
Diameter 0.263
Open area 31.2%
Centers 0.591

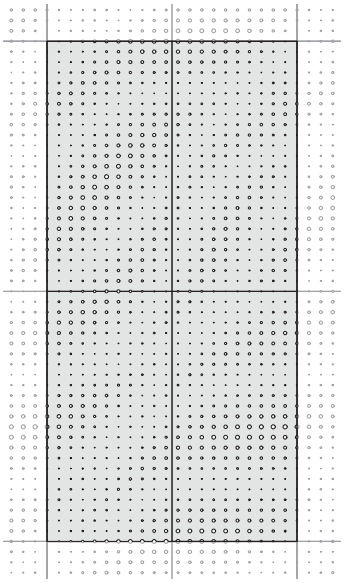


P21 Straight
Diameter 0.098
Open area 16.5%
Centers 0.214

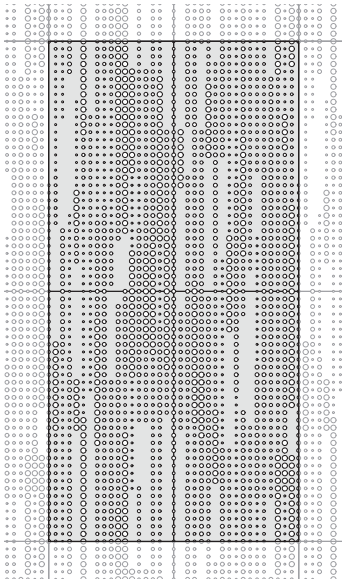


MADE TO ORDER PATTERNS

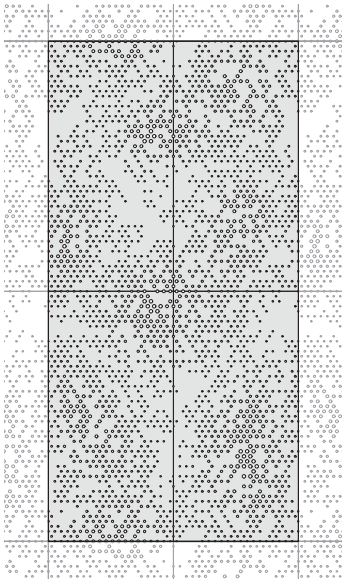
Custom Patterns Six distinct design families, each with customizable parameters. Whether it's adjusting hole diameter, pattern density, or scale, we can create virtually endless variations of each pattern to suit individual needs and preferences. **Create your perfect design:**



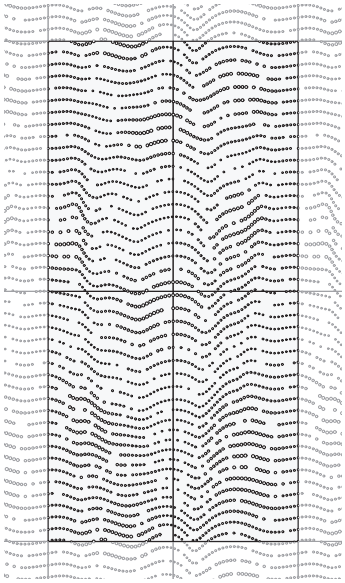
Aqua Flow



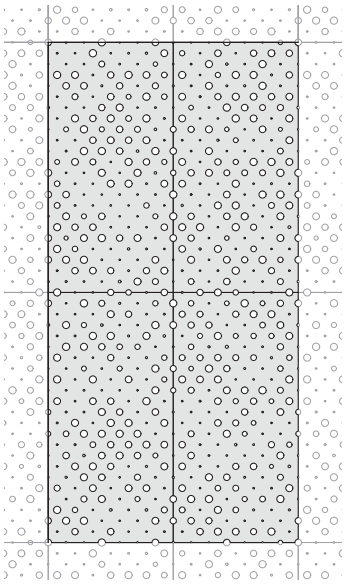
Bitstream



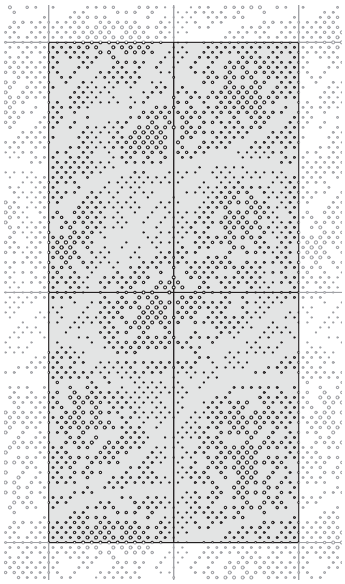
Nebula Mist



Ripple



Starlight



Woodland

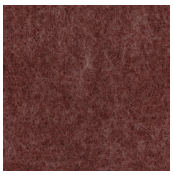
Perforated Imaging Perforated imaging employs high-tech manufacturing methods to create detailed images using perforations. Supply us an image, logo or text and we'll apply it onto a metal panel, providing your space with a customized design.



MAXXIT
CEILINGS & WALLS

COLOR SELECTION

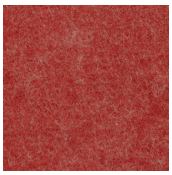
Standard Colors

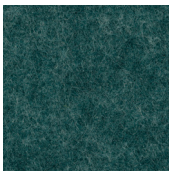

Mulberry


Sea Green


Jade


Honeycomb


Raspberry

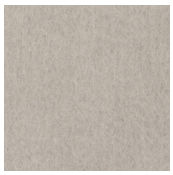

Ocean


Chestnut


Thyme


Burnt Orange


Sage

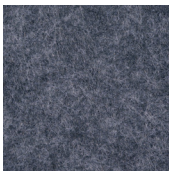

Cloud


Driftwood


Steel


Beige Plaster

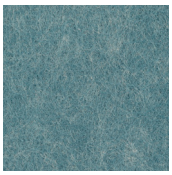
Cotton

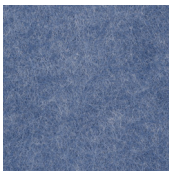

Denim

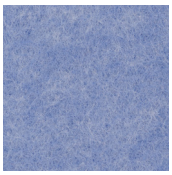

Smoky Blue

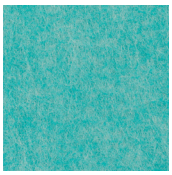

Lavender Mist


Aqua

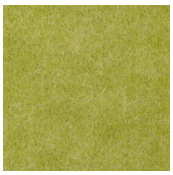

Clear Blue


Iris

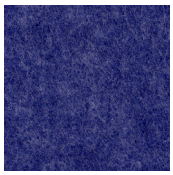

Cornflower


Cyan


Amethyst


Kiwi


Amber


Cobalt


Persimmon


Strawberry

All colors are available in both 9mm and 12mm, with the Quick Ship option offered exclusively in 9mm.

Please note: Colors shown may not be an exact representation of the actual product due to variations in lighting, screen settings, and printing processes. We recommend requesting a physical sample for the most accurate color match.

Standard Colors – Quick Ship

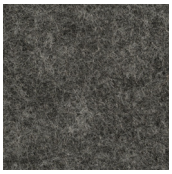

Raven


White Quartz


Ivory


Caramel


Smoke


Grey Quartz


Cream Marble


Olive Grey

Woodgrain Print Options


Dark Walnut


Natural Maple


Red Oak

Weathered Grey

White Oak

Limestone Print Options

Beige

Grey

White

PANEL:Form™ DESIGNS

BACKLIT ▸ Ceiling



BACKLIT ▸ Walls



CANOPY PARTITIONS ▸



CONCAVE ▸



DIMENSIONAL ▸



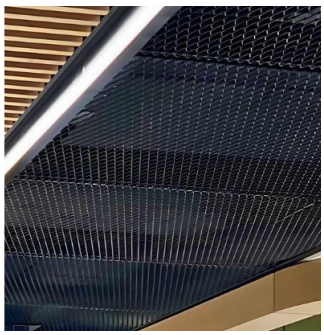
DESIGN PERFORTATED ▸ Ceiling



DESIGN PERFORATED ▸ Walls



MESH ▸



MOZAIX ▸



QUIET WALL ▸



RADIUS ▸



SEGMENTED ▸



TRADITIONAL ▸



WATER RIPPLE ▸



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CEILINGS & WALLS

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WHERE CREATIVE ENGINEERING MEETS ARCHITECTURAL VISION

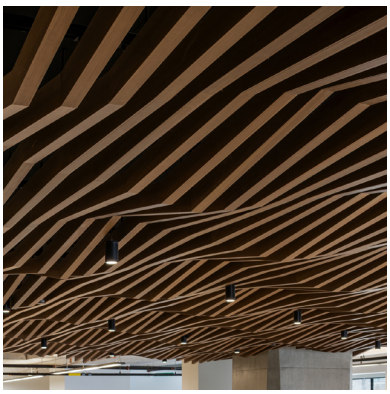
At Maxxit, we combine creative engineering, advanced manufacturing, and close collaboration to help architects and designers bring bold ideas to life. From standard to custom solutions, we turn imagination into precision-built reality.











Co:LAB Studio

Our custom design service empowers architects and designers to realize unique visions through tailored solutions, material innovation, and expert collaboration — turning bold ideas into architectural realities.

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