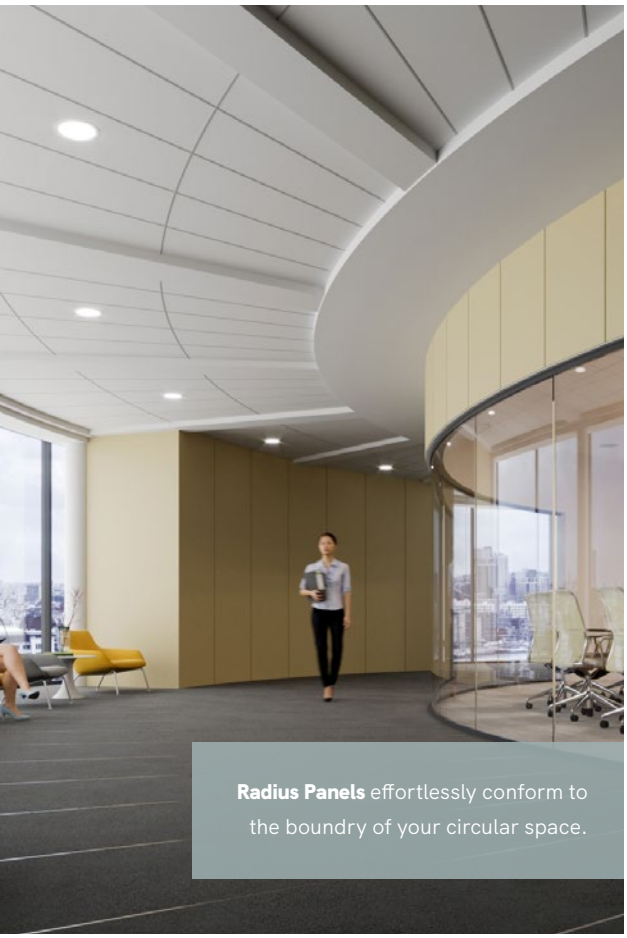
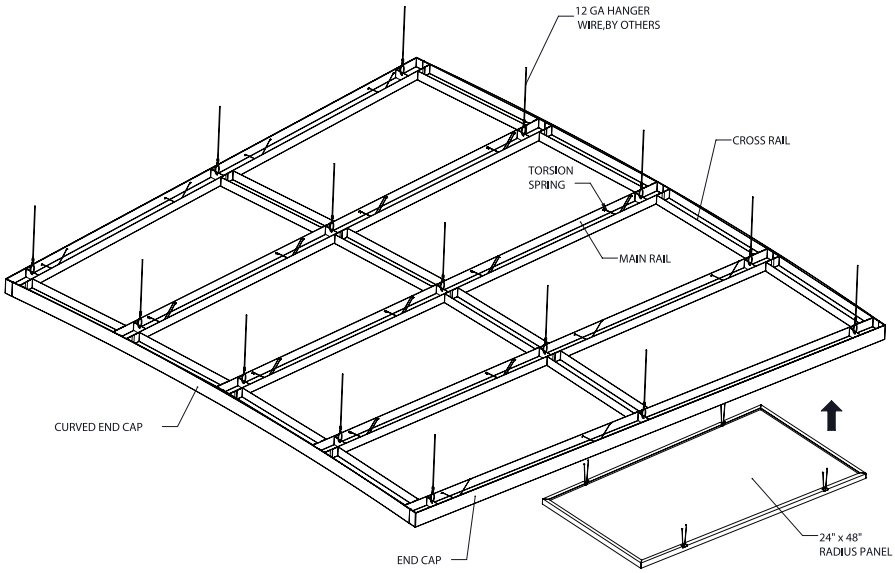
PANEL:Form™ | RADIUS PANELS



MAIN ASSEMBLY



PHYSICAL DATA

- Material substrate – 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.
- Seismic areas – Radius 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.
- Acoustical Options - Perforated panels are supplied with acoustic infills to absorb sound - NRC values based on design and application.

SUSTAINABILITY

LEED CONTRIBUTION –

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

FEATURES

- Trapezoid shaped panels create a perfect compliment to your radius designs.
- Unlimited finish options – custom colors, wood looks & films.
- Custom sizes.
- Quick ship and expedited shipping.
- Available in acoustic perforated styles.
- Lightweight, pre-assembled & easy to install.
- Versatile attachment options - attaches to both 15/16" HD Grid and Maxxit's custom suspension system.
- Easy plenum access – torsion spring design allows for easy downward access panel removal. Panels remain hinged to suspension to avoid damage.
- Cleanable using CDC recommended and EPA-approved disinfectants for fog, spray & wipe.
- Integrated lighting options available.

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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

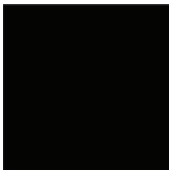

Brazilian Walnut

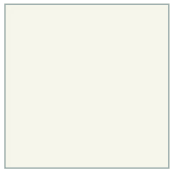

Black Ash

STANDARD COLORS

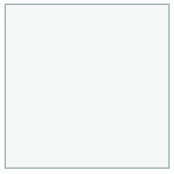
Maxxit powder coat finishes offer superior chemical, scratch and UV resistance, they do not emit VOC's and are available in a broad range of textures, glosses and specialty looks.

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

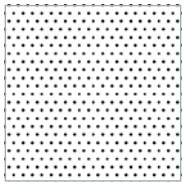
MAXXIT
CEILINGS & WALLS

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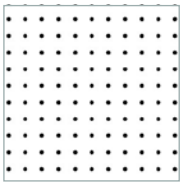
PERFORMATIONS

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.

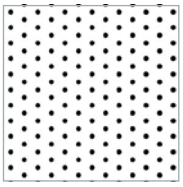
Standard Perforations Angles – Staggered 60°



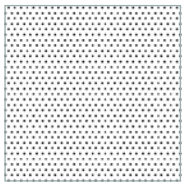
S02 Staggered
Diameter 0.063
Open area 4.5%
Centers 0.281



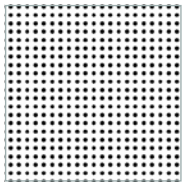
S03 Straight
Diameter 0.125
Open area 4.9%
Centers 0.5



S04 Staggered
Diameter 0.125
Open area 9.9%
Centers 0.379

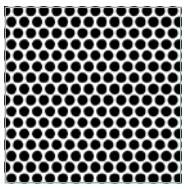


S05 Staggered
Diameter 0.063
Open area 10.1%
Centers 0.188

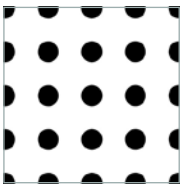


S06 Straight
Diameter 0.125
Open area 19.6%
Centers 0.25

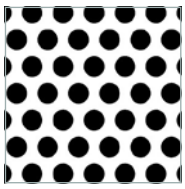
Premium Perforations Angles – Diagonal 45° | Staggered 60°



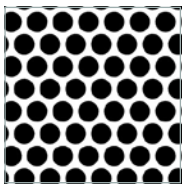
P07 Staggered
Diameter 0.25
Open area 58.1%
Centers 0.312



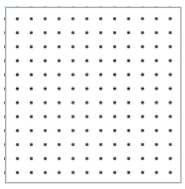
P08 Straight
Diameter 0.563
Open area 17.5%
Centers 1.191



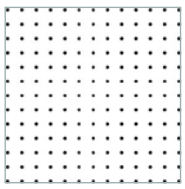
P09 Staggered
Diameter 0.5
Open area 40.3%
Centers 0.75



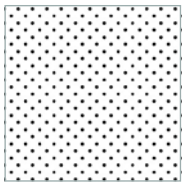
P10 Staggered
Diameter 0.5
Open area 58%
Centers 0.625



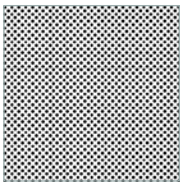
P11 Straight
Diameter 0.063
Open area 2.1%
Centers 0.379



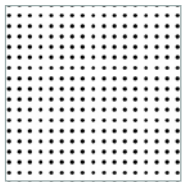
P12 Straight
Diameter 0.098
Open area 4.1%
Centers 0.427



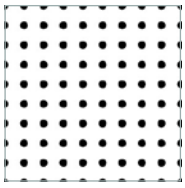
P13 Diagonal
Diameter 0.098
Open area 8.3%
Centers 0.427



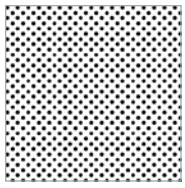
P14 Diagonal
Diameter 0.078
Open area 26.5%
Centers 0.19



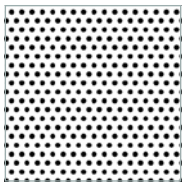
P15 Straight
Diameter 0.118
Open area 11%
Centers 0.315



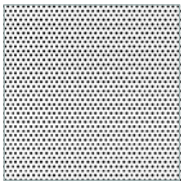
P16 Straight
Diameter 0.236
Open area 12.6%
Centers 0.591



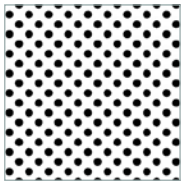
P17 Diagonal
Diameter 0.118
Open area 22.1%
Centers 0.315



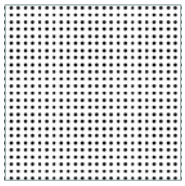
P18 Staggered
Diameter 0.125
Open area 22.7%
Centers 0.25



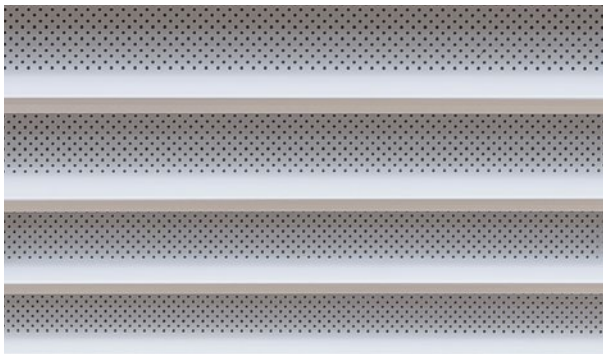
P19 Staggered
Diameter 0.063
Open area 22.7%
Centers 0.125

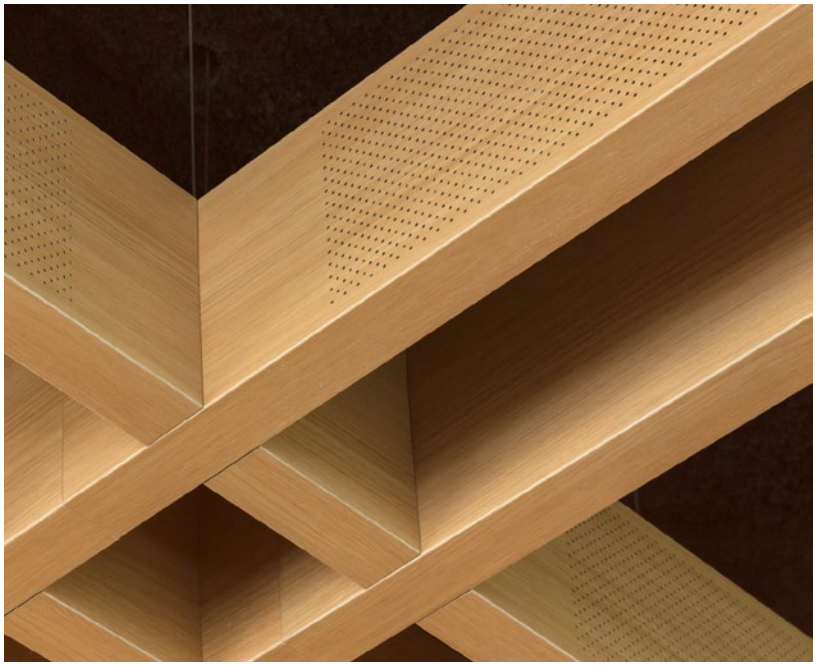


P20 Diagonal
Diameter 0.263
Open area 31.2%
Centers 0.591



P21 Straight
Diameter 0.098
Open area 16.5%
Centers 0.214





PANEL:Form™ DESIGNS

BACKLIT ▸ Ceiling



BACKLIT ▸ Walls



CANOPY PARTITIONS ▸



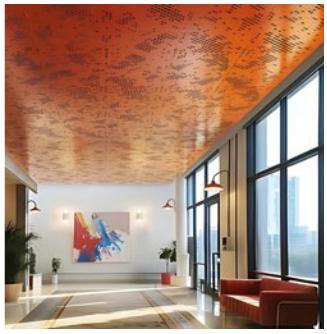
CONCAVE ▸



DIMENSIONAL ▸



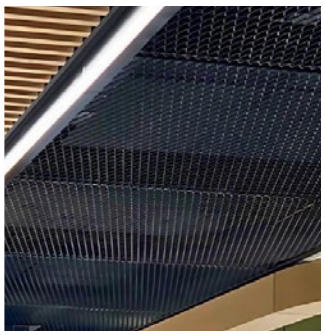
GRAPHIC PERFORATED ▸ Ceiling



GRAPHIC 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

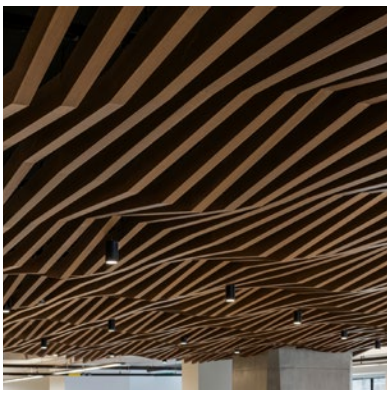
At Maxxit, we combine creative engineering, advanced manufacturing, and close collaboration to help architects and designers bring bold ideas to life. From standard to custom solutions, we turn imagination into precision-built reality.











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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