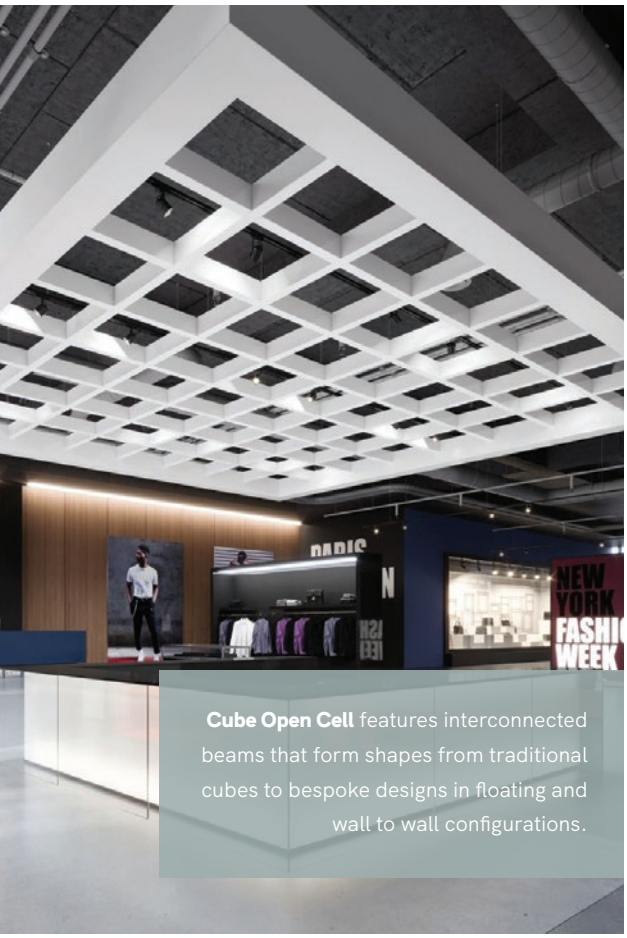
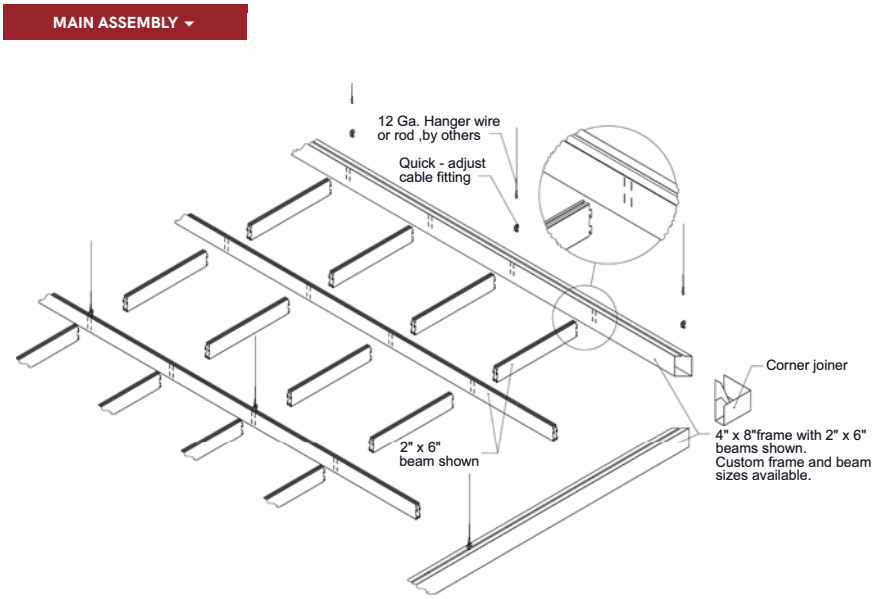
AERO:Form™ | CUBE OPEN CELL - FABRICATED



Cube Open Cell features interconnected beams that form shapes from traditional cubes to bespoke designs in floating and wall to wall configurations.

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 .67 – 1.10 lbs./ln.ft.
- Warranty – One Year Limited
- Surface Finish - Factory-applied polyester paint. Available in Standard Colors, Color Matched and Wood Look Powder-Coated.
- Seismic areas – Cube Open Cells have been engineered for use in all seismic areas. Installations may require additional attachment from baffle to suspension bar. Check with local code officials or a licensed engineer for additional requirements.
- Acoustical Options - Perforated baffles are supplied with acoustic infills to absorb sound - NRC values vary 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

- Create on trend linear designs.
- Unlimited finish options – custom colors, wood looks, films.
- Custom sizes & shapes – At Maxxit custom is what we do best. We will make any shape or size you can design.
- Standard sizes – in addition to custom we also have quick ship standard products available made to order.
  - Lengths - up to 12′
  - Depths - up to 15″
  - Widths - up to 24″
- Quick ship and expedited shipping.
- Available in acoustic perforated styles.
- Lightweight, pre-assembled & easy to install.
- Versatile attachment options for Unistrut®, 15/16″ HD Grid and Cable hung applications.
- 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

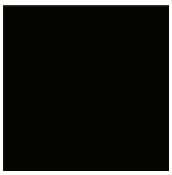
Brazilian Walnut

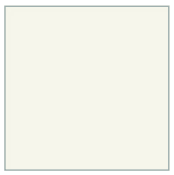
Black Ash

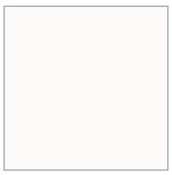
STANDARD COLORS

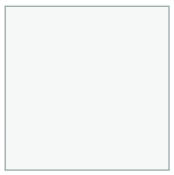
Maxxit powder coat finishes offer superior chemical, scratch and UV resistance, they do not emit VOC's and are available in a broad range of textures, glosses and specialty looks.

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

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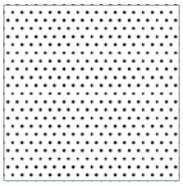
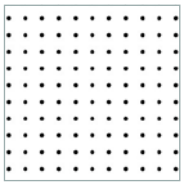
PERFORATIONS

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.

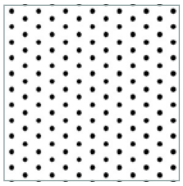
Standard Perforations Angles – Staggered 60°



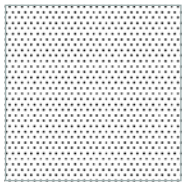
S02 Staggered
Diameter 0.063
Open area 4.5%
Centers 0.281



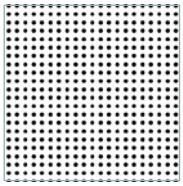
S03 Straight
Diameter 0.125
Open area 4.9%
Centers 0.5



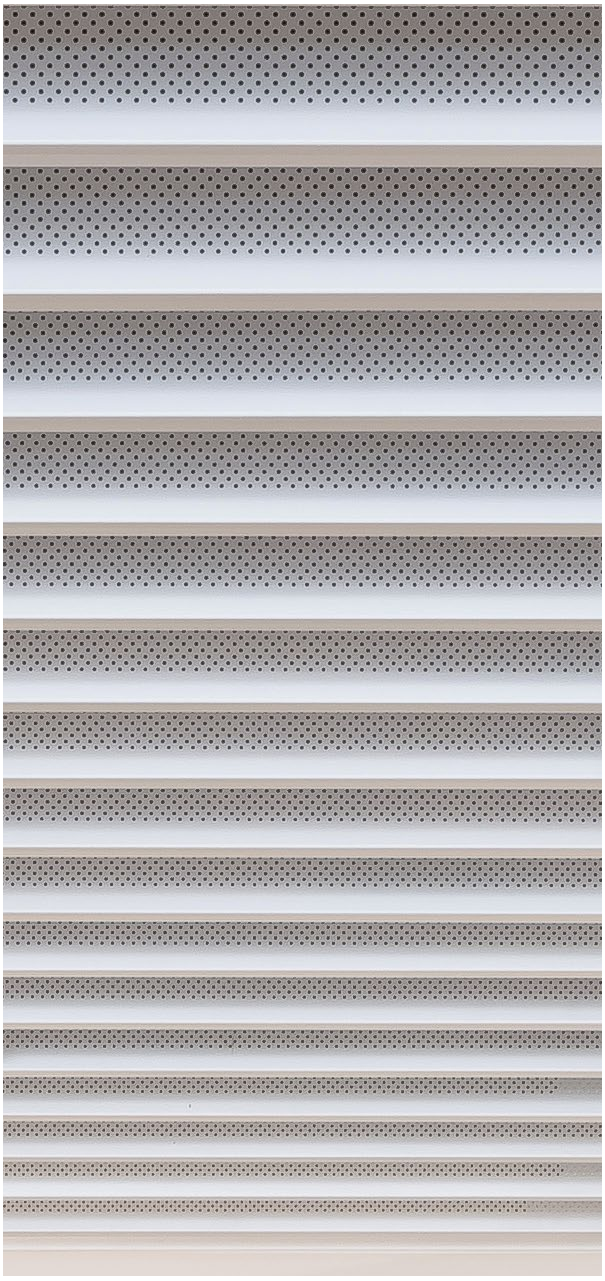
S04 Staggered
Diameter 0.125
Open area 9.9%
Centers 0.379



S05 Staggered
Diameter 0.063
Open area 10.1%
Centers 0.188



S06 Straight
Diameter 0.125
Open area 19.6%
Centers 0.25



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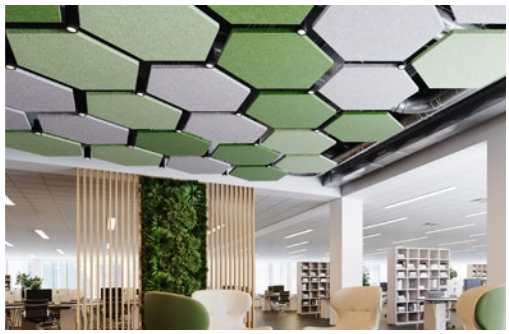
AERO:Form™ DESIGNS

CROSSROADS OPEN CELL ▸
Metal

CROSSROADS OPEN CELL ▸
Felt

CLOUDS ▸



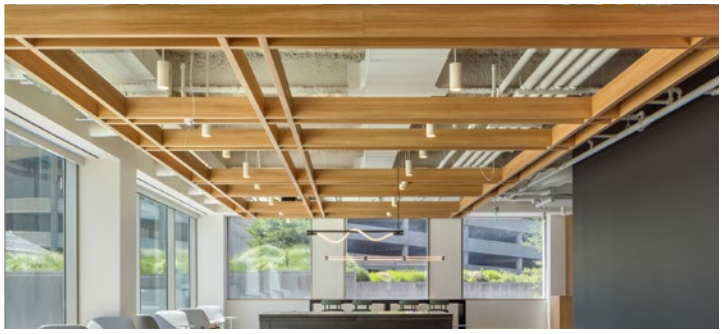
CUBE OPEN CELL ▸
Felt, Profile

CUBE OPEN CELL ▸
Felt, Blade

CUBE OPEN CELL ▸
Metal, Fabricated

CUBE OPEN CELL ▸
Metal, Extruded

PARALLEL OPEN CELL ▸



GRILLE OPEN CELL ▸

TRILATERAL OPEN CELL ▸

PENDANTS ▸

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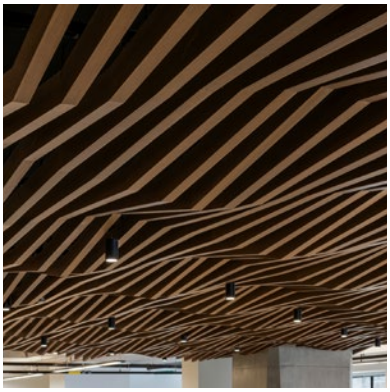
WHERE CREATIVE ENGINEERING MEETS ARCHITECTURAL VISION

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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