PANEL:Form™ | TRADITIONAL PANELS

MAIN ASSEMBLY ▾

4'.0" MAX CROSS TEE SPACING CENTERED MID PANEL, TYP.

MAIN TEE

TORSION SPRING

CROSS TEE

24" x 48" TORSION SPRING PANEL

12 GA HANGER ACCESSIBLE PANEL

48" MAX ALONG MAIN TEE

12" MAX MAIN TEE OVERHANG, TYP.

DOWNWARD ACCESSIBLE PANEL

MAIN TEE

FACTORY TORSION SPRING PANEL END

TORSION SPRING AS REQUIRED TO FIT

FRONT VIEW

TORSION SPRING PANEL ▸

12 GA HANGER WIRE, BY OTHERS

CROSS TEE

MAIN TEE

TORSION SPRING
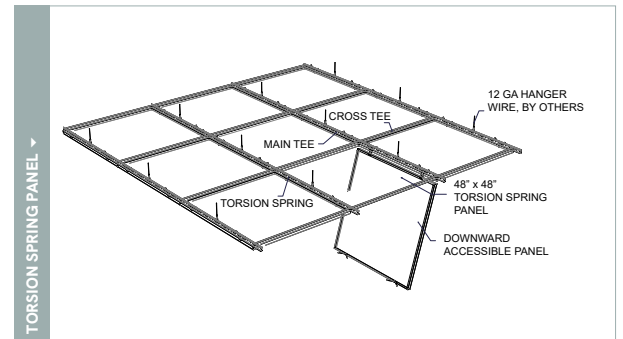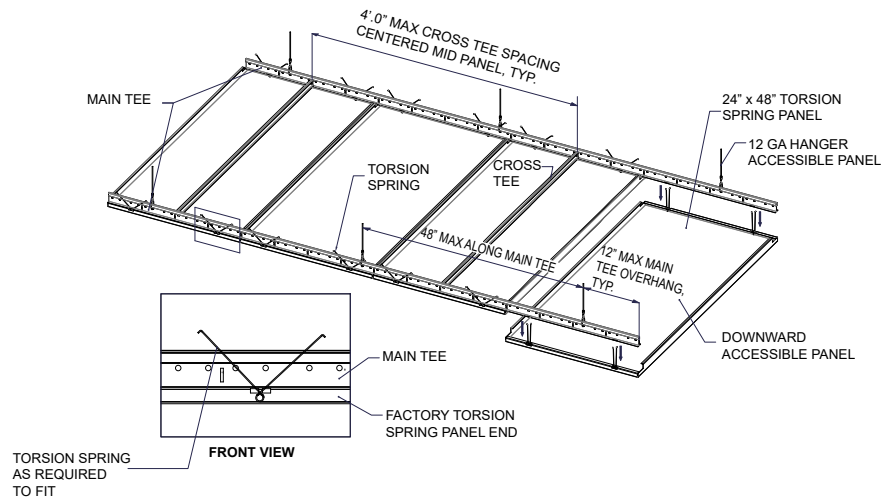
48" x 48" TORSION SPRING PANEL

DOWNWARD ACCESSIBLE PANEL

Traditional Panels are highly durable, precision engineered for a smooth, uniform appearance and easy plenum access.

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 – Traditional 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 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

- Offer a clean, uniform design that enhances acoustics while providing a classic, functional ceiling finish.
- 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.
  - ▸ 2' x 2' panel
  - ▸ 2' x 4' panel
  - ▸ 3' x 3' panel
- Quick ship and expedited shipping.
- Available in acoustic perforated styles.
- Lightweight, pre-assembled & easy to install.
- Versatile attachment options; available in torsion spring, hook on and multiple lay-in designs. Panels can be designed to work with Maxxit suspension systems or industry standard grid systems.
- Easy plenum access.
- Cleanable using CDC recommended and EPA-approved disinfectants for fog, spray & wipe.
- Integrated lighting options available.

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CEILINGS & WALLS

WOOD LOOK FINISHES

Standard Powder Coated Paint Finishes (Interior & Exterior) Formaldehyde-Free
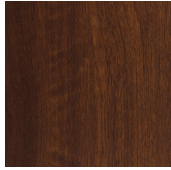
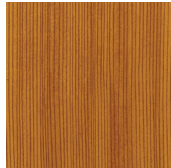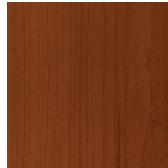|				
National Walnut	Chestnut	Rosewood	European Cherry	Knotty Pine
Oak Fine	Maple	American Douglas	American Maple	Teak
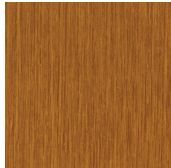
Custom Colors

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	Italian Walnut	North Oak	Black Walnut	Brazilian Walnut

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
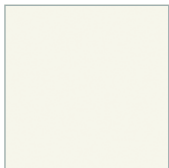
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Black (25-35 Gloss)	White (17-20 Gloss) | LRV 79-80	Chalkstone White 2-6 Gloss | LRV 85-86	Snow White (25-30 Gloss) | LRV 83-84	Sterling Silver (20 Gloss)	Sunrise Yellow (20 Gloss)	Tan Straw (20 Gloss)	Blush Rose (20 Gloss)
Forest Green (20 Gloss)	Grey (65-75 Gloss)	Mid Beige (20 Gloss)	Pure Orange (20 Gloss)				
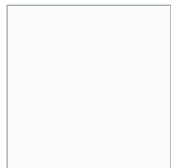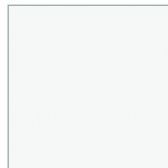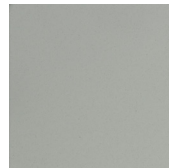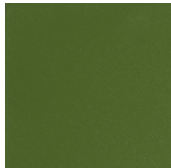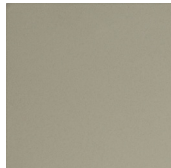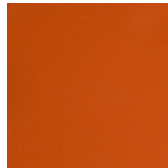
Custom Colors

Custom colors available

Powder Coated, Bonded Metallic Finishes (Interior & Exterior) Formaldehyde-Free
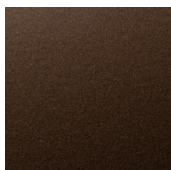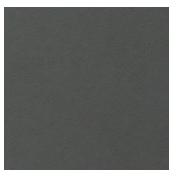
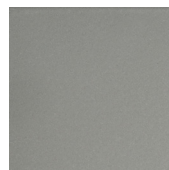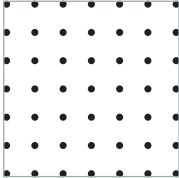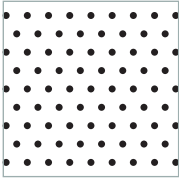|						
Dark Bronze	Forged Charcoal	Gold	Golden Bronze	Metallic Sterling Silver	Soft Nickel	Blush Copper
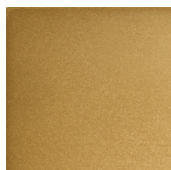
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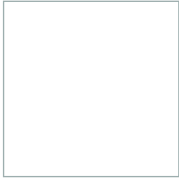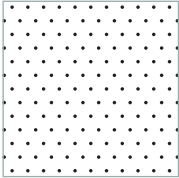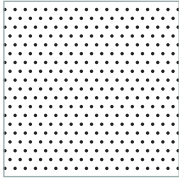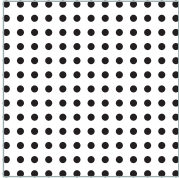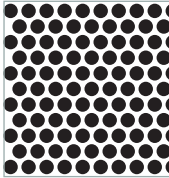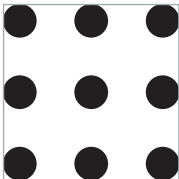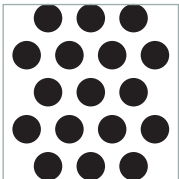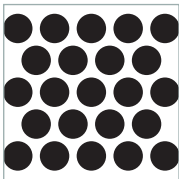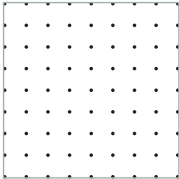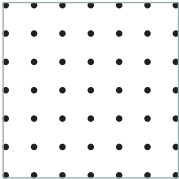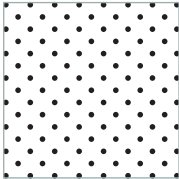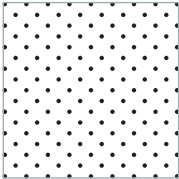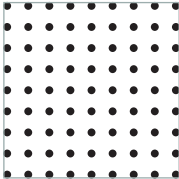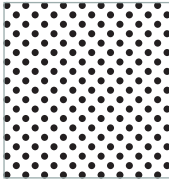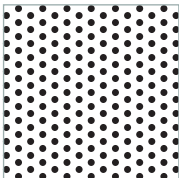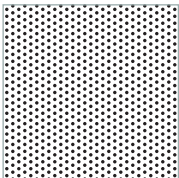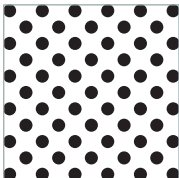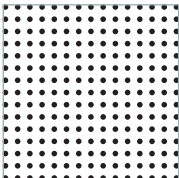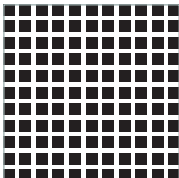
PERFORATIONS

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°

Unperforated

S02 Staggered
Diameter 0.0625
Open area 4.50%
Centers 0.2812

S03 Straight
Diameter 0.125
Open area 4.90%
Centers 0.5

S04 Staggered
Diameter 0.125
Open area 9.90%
Centers 0.3788

S05 Staggered
Diameter 0.0625
Open area 10.10%
Centers 0.1875

S06 Straight
Diameter 0.125
Open area 19.60%
Centers 0.25

S07 Staggered
Diameter 0.25
Open area 58%
Centers 0.3125

S08 Straight
Diameter 0.5625
Open area 17.50%
Centers 1.1908

S09 Staggered
Diameter 0.5
Open area 40.30%
Centers 0.75

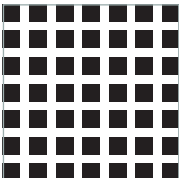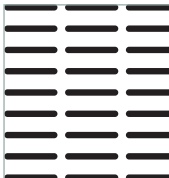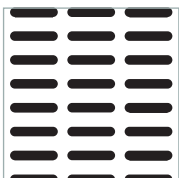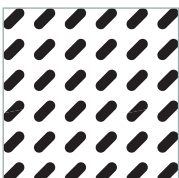**S10 Staggered**
Diameter 0.5
Open area 58%
Centers 0.625

Premium Perforations   Angles – Diagonal 45° | Staggered 60°

P11 Straight
Diameter 0.0625
Open area 2.10%
Centers 0.3788

P12 Straight
Diameter 0.098
Open area 4.14%
Centers 0.427

P13 Diagonal
Diameter 0.098
Open area 8.28%
Centers 0.3019

P14 Diagonal
Diameter 0.078
Open area 26.53%
Centers 0.1898

P15 Straight
Diameter 0.1181
Open area 11.04%
Centers 0.315

P16 Straight
Diameter 0.2362
Open area 12.57%
Centers 0.5906

P17 Diagonal
Diameter 0.1181
Open area 22.09%
Centers 0.2227

P18 Staggered
Diameter 0.125
Open area 22.70%
Centers 0.25

P19 Staggered
Diameter 0.0625
Open area 22.70%
Centers 0.125

P20 Diagonal
Diameter 0.2362
Open area 25.14%
Centers 0.4176

P21 Straight
Diameter 0.098
Open area 16.55%
Centers 0.2135

P22 Square Straight
Hole Size 0.197 x 0.197
Open area 44.60%
Centers 0.295

P23 Square Straight
Hole Size 0.315 x 0.315
Open area 40.99%
Centers 0.492

P24 Oblong Straight
Hole Size 0.984 x 0.059
Open area 26%
Centers 0.394

P25 Oblong Straight
Hole Size 0.787 x 0.079
Open area 31.90%
Centers 0.394

P26 Diagonal
Hole Size 0.394 x 0.079
Open area 25.75%
Centers 0.469

PANEL:Form™ DESIGNS

BACKLIT ▶ Ceiling

BACKLIT ▶ Walls

CANOPY PARTITIONS ▶

CONCAVE ▶

DIMENSIONAL ▶

DESIGN PERFORATED ▶ Ceiling

DESIGN PERFORATED ▶ Walls

MESH ▶

MOZAIX ▶

QUIET WALL ▶

RADIUS ▶

SEGMENTED ▶

TRADITIONAL ▶

WATER RIPPLE ▶

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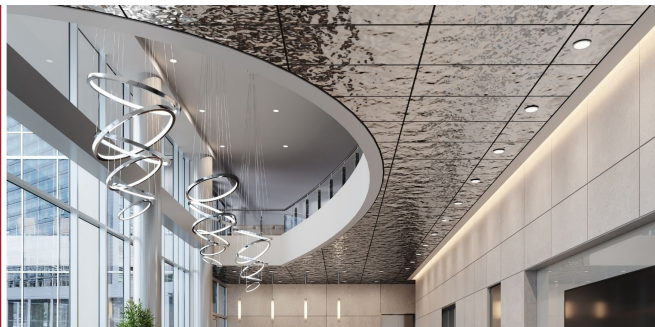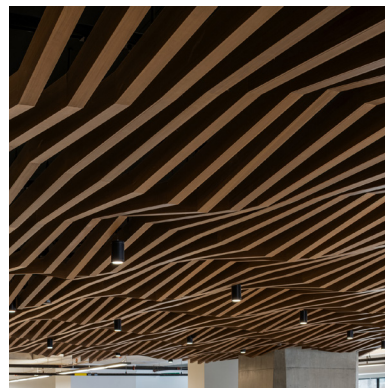CEILINGS & WALLS

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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