



Turn any ceiling into an artistic playground with Torsion Spring - Expressions™. Choose from five distinctive, patent-pending designs—or craft your own. Fill your ceiling canvas with geometric, fluid, and abstract patterns, or add imagery to create an entirely unique work of art. Our metal perforation technology gives you the freedom to realize your design intent and build inspiring spaces.

FEATURES AND BENEFITS

- Panel sizes:
 - 2' x 2'
 - 2' x 4'
- Custom perforate an image across multiple panels
- Five patent-pending perforation patterns plus custom design capability
- Swing-down feature allows 100% full downward accessibility to the plenum
- Waste reduction with factory fabricated dimensional material
- Down weight: reduce dead load with lightweight aluminum
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services
- Interior application only

ATTRIBUTES



FIRE RATING:
CLASS A
PER ASTM E84
AND CAN/ULC-S102



SEISMIC RATING:
ZONES A, B, C, D, E, F



CUSTOMIZATION
AVAILABLE

LEED® v4

RECYCLED CONTENT

up to 85%

- ✓ EA: Optimize Energy Performance
- ✓ MR: Building Product Disclosure
- ✓ EQ: Low-Emitting Materials
- ✓ EQ: Indoor Air Quality Assessment
- ✓ EQ: Daylight
- ✓ EQ: Acoustic Performance

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

CERTIFICATIONS



GREENGUARD:
GOLD CERTIFIED



EPD AVAILABLE

COLORS AND FINISHES

A wide choice of colors and finishes as well as custom color matching are available upon request. See website for the most up to date information and to order samples.

NOTE: Colors are for illustration purposes only.

STANDARD PAINT COLORS



CUSTOM COLORS



STANDARD METALLIC



WHITE FINISH OPTIONS

Powder-coat paint finish for Arctic White #1015P (Gloss 10-20); Crystalline White #1050P (Gloss 45-55); Supernova White #1085P (Gloss 80-90). Aviation White #1011P: Powder-coat paint finish offering - LRV 90 - 9% gloss finish; Aviation White #1011C: Coil-coat paint finish offering - LRV 93 - 5% low gloss finish.



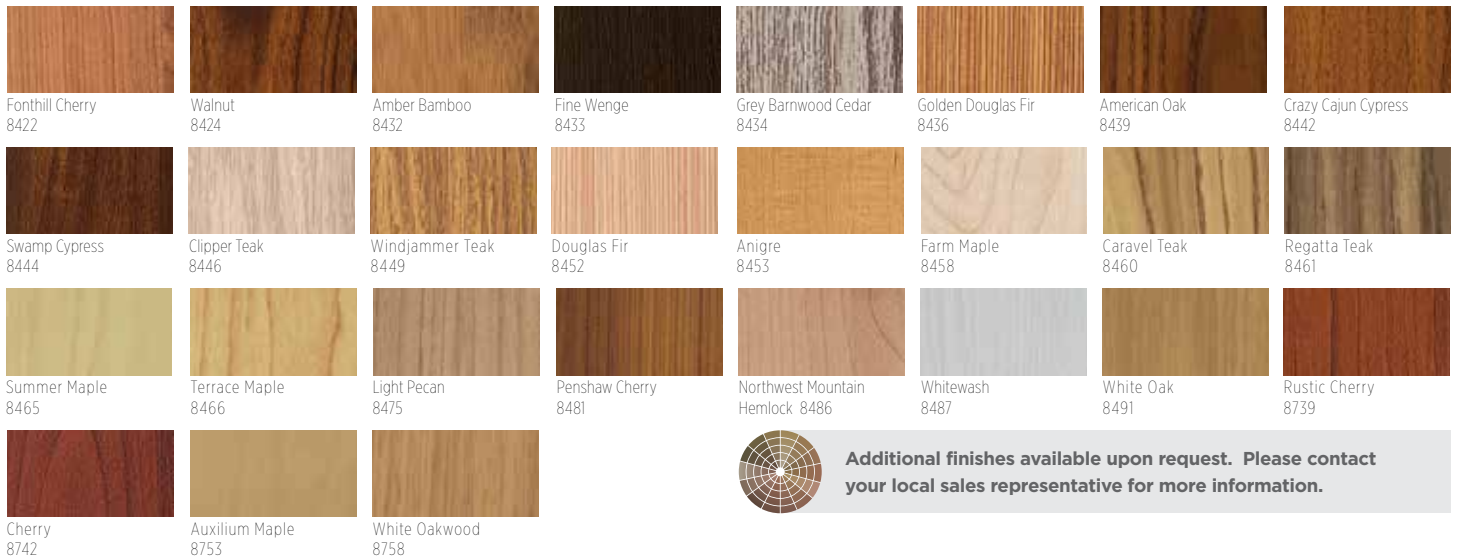
BLACK FINISH OPTIONS

Powder-coat paint finish for Starless Black #5000P (Matte); Raven Black #5030P (Gloss 25-35); Sable Black #5060P (Gloss 65-75); Wet Glass Black #5095P (Gloss 90-95)



DECORATED (POWDER-COAT) WOOD-LOOK OPTIONS

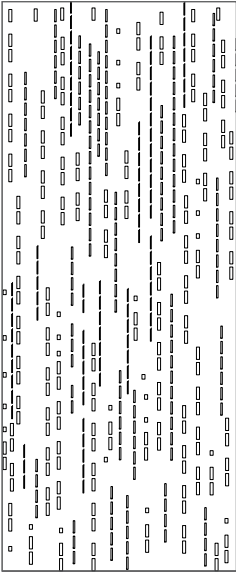
Powder-coat paint finish. Formaldehyde-free, Class A composite panel. This finish is recommended for exterior conditions.



Additional finishes available upon request. Please contact your local sales representative for more information.

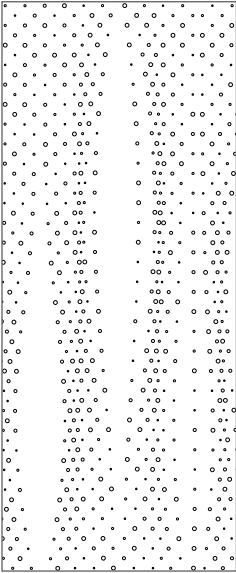
PERFORATION PATTERNS

Rain



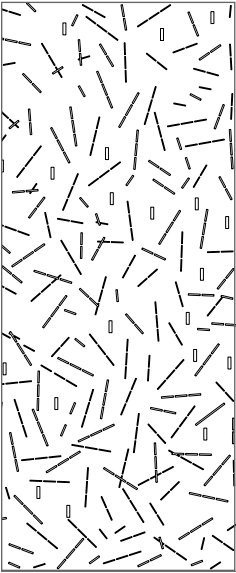
Panel Pattern A
Open Area - 8.1%
(2' x 2' & 2' x 4')

Waves



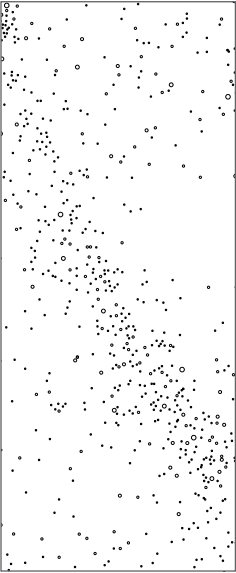
Panel Pattern A
Open Area - 3.5%
(2' x 2' & 2' x 4')

Confetti



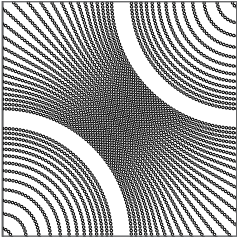
Panel Pattern A
Open Area - 4.2%
(2' x 2' & 2' x 4')

Midnight Star



Panel Pattern A
Open Area - 1.1%
(2' x 2' & 2' x 4')

Circles



Panel Pattern A
Open Area - 23.3%
(2' x 2' only)

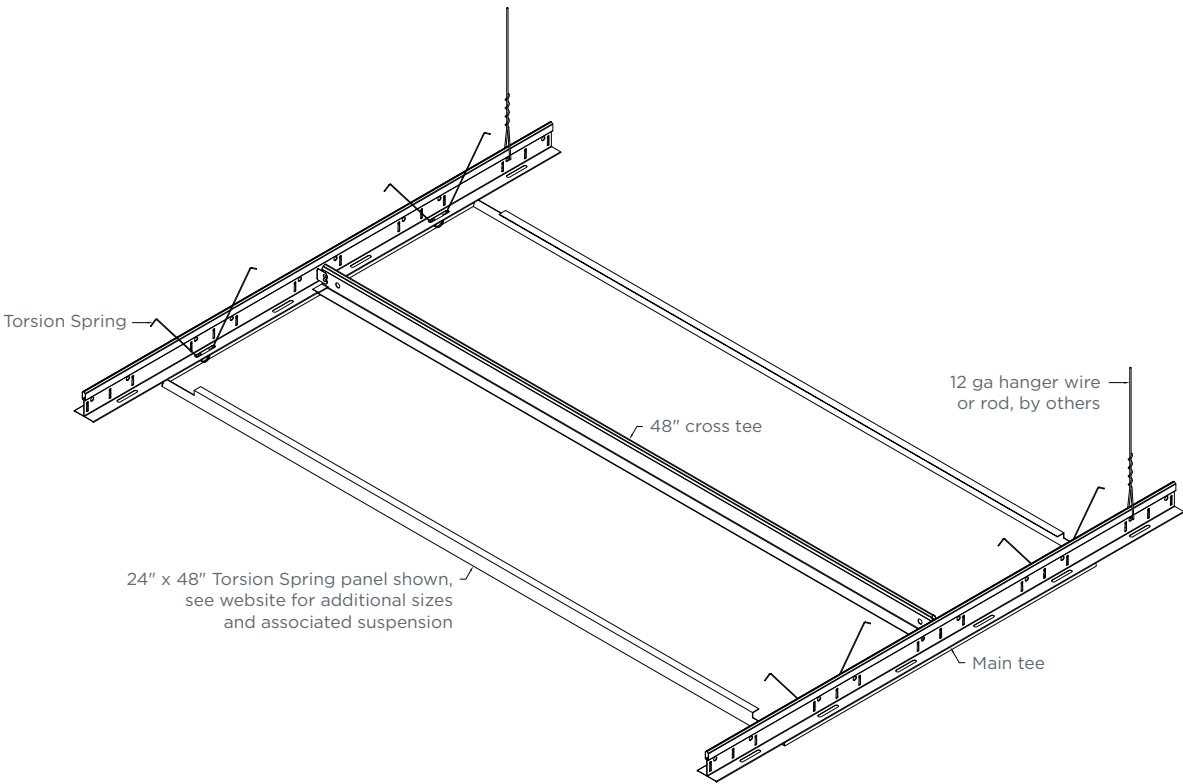
Custom Design
2' x 2' & 2' x 4'



Additional perforation pattern variations are available to prevent repetition in the ceiling or wall installation. Visit the website to learn more.

INSTALLATION EXAMPLES

Typical Isometrics



Additional options available for design flexibility,
contact your local sales representative to get started.



PHYSICAL DATA

MATERIAL

Aluminum

WEIGHT

Varies 1.0 - 1.5 lbs./sq.ft.

FIRE RATING

Class A Fire Rated per ASTM E84

- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

Class A Fire Rated per CAN/ULC-S102

- Painted or anodized metal: Flame spread: ≤ 25 ,
Smoke ≤ 50

SEISMIC RATING

Zones A,B,C,D,E,F

WIND LOAD

N/A

RECYCLED CONTENT

Up to 85%

LIGHT REFLECTANCE (LR) COEFFICIENT

PER ASTM E1264 & ASTM E1477

- Varies with finish
- Cotton White: LR = 0.81
- Aviation White #1011C: LR = 0.93

WARRANTY

1-year Limited Warranty.

Full warranty information can be found
at certainteed.com/warranty

Acoustical tests performed in accordance with ASTM C423 in a type E400 mounting.
Test reports available upon request.



CertainTeed ARCHITECTURAL

METAL • WOOD • FELT • FIBERGLASS & MINERAL FIBER • GYPSUM • SUSPENSION & INTEGRATED SYSTEMS

20 Moores Road, Malvern, PA 19355 800-366-4327 certainteed.com/architectural