

SUBMITTAL SHEET

TORSION SPRING – GEOMETRIES

Project Name _____

Specification Section _____

Ceiling Type _____

SUBSTRATE: ALUMINUM

- .032"* .050"
 .040" .063"

(*0.032" for panel sizes 24" x 24" and 24" x 48", for interior only)

SIZES

- 12" x 24" 12" x 96" 24" x 48" 30" x 30" 42" x 42"
 12" x 48" 18" x 36" 24" x 60" 30" x 60" 42" x 48"
 12" x 60" 18" x 72" 24" x 72" 36" x 36" 48" x 48"
 12" x 72" 24" x 24" 24" x 96" 36" x 72" Other: _____

(Other sizes available; length/width may be limited by perforation selection, contact CertainTeed for details.)

SHAPE/ CONFIGURATION

Shape

- Square/Rectangular Trapezoidal
 Triangular Hexagonal

Contact manufacturer for alternative shapes and to specify configurations.

COLOR/FINISH

- Cotton White - #0280 Natural - #7163
 Other # _____

PERFORATION PATTERN

- #102 #109 #119 #150 #202 #625
 #103 #111 #124 #185 #301 #750
 #106 #112 #127 #188 #315 Other: _____
 #107 #115 #132 #201 #375 Non-Perforated

PERF BORDER

- 1/4" Standard Other: _____

ACOUSTICAL BACKER

- Black Non-Woven*
 Black Polywrapped Pad
 None

* For use with interior perforated material only.

ACOUSTICAL RATING

_____ (NRC)

TRIM

- Wall Angle
 Floating Edgeline Extruded Trim _____
 Other _____

Color/Finish # _____

CUT-OUTS

- Square, Size: _____
 Round, Diameter: _____

EXPOSURE

- Interior Only

Shop Drawings required on all Geometries projects

To Contact Us:

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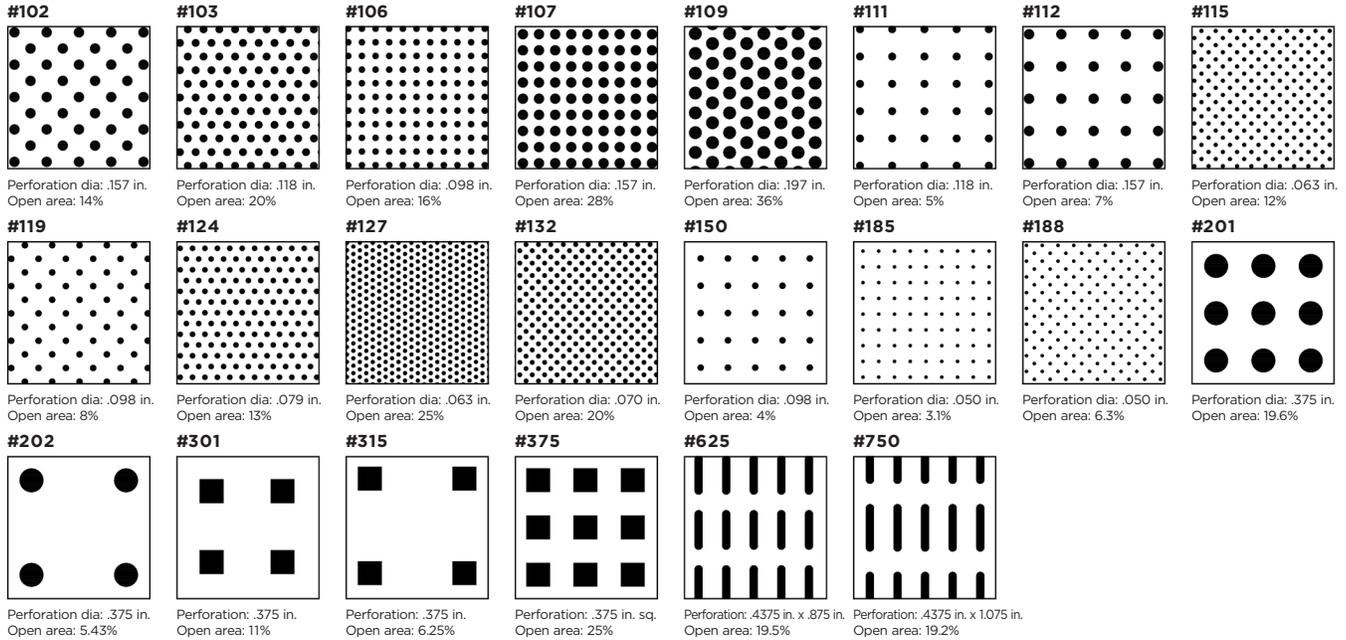
ARCHITECTURAL

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PERFORATIONS

Perforated panels improve acoustical performance as well as create aesthetic effects. Perforations not available on laminated (film).



SOUND ABSORPTION (NRC) SUMMARY*

Sound absorption can be achieved by the addition of backing ceiling panels with acoustical fabric or pad.

Perforation Pattern	% Open Area	Acoustical Infill	NRC
#103	20%	Non-Woven Acoustic	0.80
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.90
#106	16%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.85
#115	12%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1.5" - 1.5 pcf Polywrapped Fiberglass	0.95
		1.5" - 1.5 pcf Polywrapped Fiberglass	0.90
#119	8%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.75
#127	25%	Non-Woven Acoustic	0.70
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.95
#132	20%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.90
#185	3.1%	Non-Woven Acoustic	0.65
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.75
#188	6.3%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.90
#201	19.6%	Non-Woven Acoustic	0.75
		Non-Woven Acoustic and 1" - 1.5 pcf Polywrapped Fiberglass	0.75

* Acoustical tests performed in accordance with ASTM C423 and E795, in a type E400 mounting. Test reports available upon request.

PHYSICAL DATA

Substrate: Aluminum

Warranty: 1 year Limited Warranty

Seismic rating: Zones A,B,C,D,E,F

Fire rating: Class A Fire Rated per ASTM E84

- Painted or anodized metal: Flame spread: ≤ 25, Smoke ≤ 50
- Film on metal: Flame spread: ≤ 25, Smoke ≤ 50 (for interior only)

Class A Fire Rated per CAN/ULC-S102

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

Weight: Varies 1.0 - 1.5 lbs./sq.ft.

Wind load: N/A

Recycled content: Up to 85%

Light reflectance (LR) Coefficient per ASTM E1264 & ASTM E1477:

- Cotton White: LR = 0.81

For technical details, go to certainteed.com/architectural • 800.366.4327