

SUBMITTAL SHEET

TORSION SPRING – GEOMETRIES

Project Name _____

Specification Section _____

Ceiling Type _____

Return Form To Hunter Douglas

E-mail: ceiling.samples@hunterdouglas.com

Fax: 770.806.0214

SUBSTRATE: .032" .050"
ALUMINUM .040" .063"

SIZES 12" x 24" 12" x 96" 24" x 72" 42" x 42"
 12" x 48" 24" x 24" 24" x 96" 42" x 48"
 12" x 60" 24" x 48" 30" x 30" 48" x 48"
 12" x 72" 24" x 60" 30" x 60" Other: _____
(Length may be limited by perf selection. Contact Hunter Douglas for details.)

SHAPE/CONFIGURATION

Shape

Square/Rectangular Trapezoidal
 Triangular Hexagonal

Contact Hunter Douglas for alternative shapes and to specify configurations.

COLOR/FINISH

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

PERFORATION PATTERN

#102 #111 #127 #188 Other: _____
 #103 #112 #132 #201 Non-Perforated
 #106 #115 #150 #375
 #107 #119 #185 #625

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:

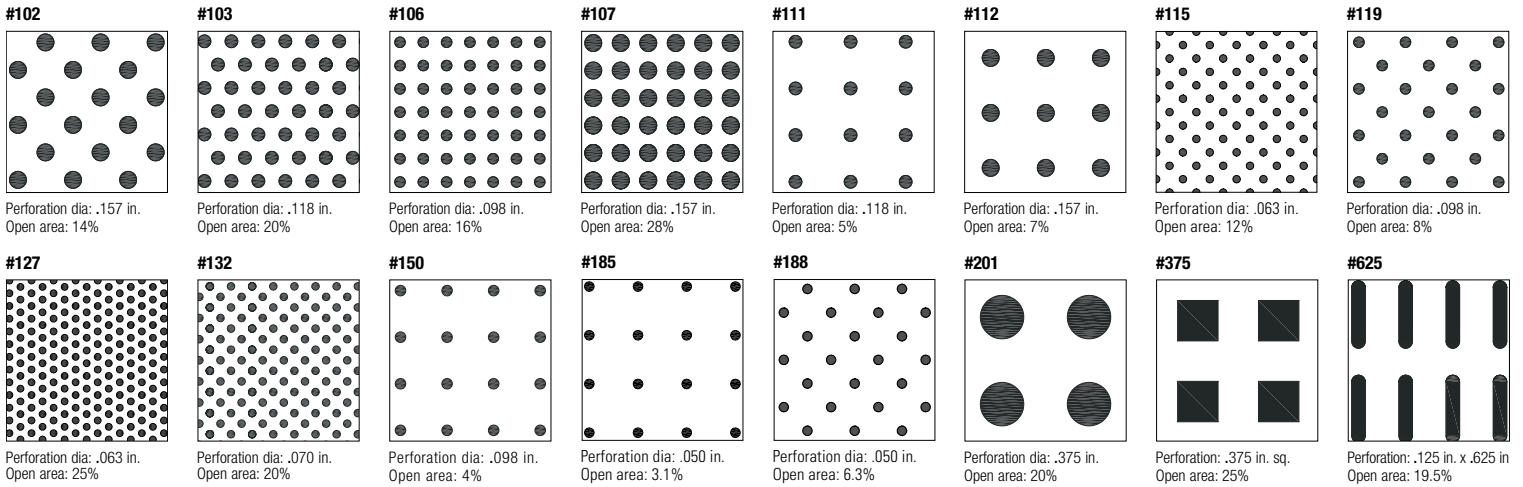
5015 Oakbrook Parkway, Suite 100
Norcross, GA 30093
phone: 800.366.4327
fax: 770.806.0214
HDarchitectural.com

HunterDouglas 
Architectural

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PERFORATIONS

Perforated panels improve acoustical performance as well as create aesthetic effects.



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

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

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