

SUBMITTAL SHEET

TORSION SPRING – CURVED

Project Name _____

Specification Section _____

Ceiling Type _____

Return Form To Hunter Douglas

E-mail: ceiling.samples@hunterdouglas.com

Fax: 770.806.0214

**SUBSTRATE:
ALUMINUM**

☐ .032"
☐ .040"

☐ .050"
☐ .063"

SIZES

☐ 12" x 24"
☐ 12" x 48"
☐ 12" x 60"
☐ 12" x 72"

☐ 12" x 96"
☐ 24" x 24"
☐ 24" x 48"
☐ 24" x 60"

☐ 24" x 72"
☐ 24" x 96"
☐ 30" x 30"
☐ 30" x 60"

☐ 42" x 42"
☐ 42" x 48"
☐ 48" x 48"
☐ Other _____

(Length may be limited by perf selection. Contact Hunter Douglas for details.)

RADIUS/ORIENTATION

Radius: _____ (Minimum 96")

Suspension Grid Orientation:

☐ Vault
☐ Valley
☐ Both

For multiple radii, contact Hunter Douglas

COLOR/FINISH

☐ Cotton White – #0280
☐ Other # _____

☐ Natural – #7163

**PERFORATION
PATTERN**

☐ #102
☐ #103
☐ #106
☐ #107
☐ #111

☐ #112
☐ #119
☐ #127
☐ #132
☐ #150

☐ #185
☐ #188
☐ #201
☐ #375
☐ #625

☐ Other _____
☐ Non-Perforated

PERF BORDER

☐ 1/4" Standard

☐ Other _____

**ACOUSTICAL
BACKER**

☐ Black Non-Woven
☐ Black Polywrapped Pad
☐ None

**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 Curved Ceiling projects.

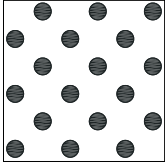
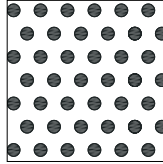
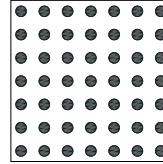
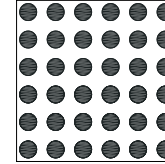
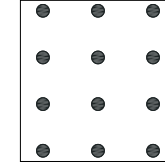
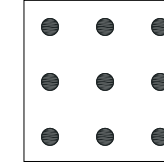
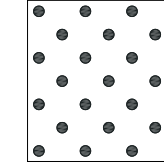
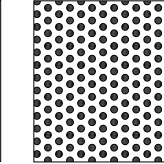
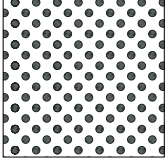
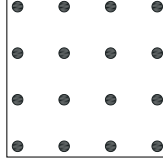
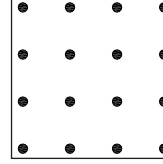
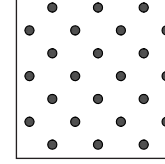
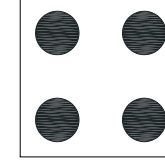
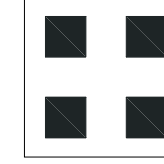
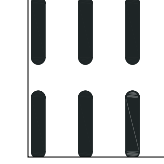
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HunterDouglas 
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PERFORATIONS

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

#102  Perforation dia: .157 in. Open area: 14%	#103  Perforation dia: .118 in. Open area: 20%	#106  Perforation dia: .098 in. Open area: 16%	#107  Perforation dia: .157 in. Open area: 28%	#111  Perforation dia: .118 in. Open area: 5%	#112  Perforation dia: .157 in. Open area: 7%	#119  Perforation dia: .098 in. Open area: 8%	#127  Perforation dia: .063 in. Open area: 25%
#132  Perforation dia: .070 in. Open area: 20%	#150  Perforation dia: .098 in. Open area: 4%	#185  Perforation dia: .050 in. Open Area: 3.1%	#188  Perforation dia: .050 in. Open Area: 6.3%	#201  Perforation dia: .375 in. Open area: 20%	#375  Perforation: .375 in. sq. Open area: 25%	#625  Perforation: .125 in. x .625 in. Open area: 19.5%	

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
#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 ASTM 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 ≤ 50Weight: 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