

# SUBMITTAL SHEET

# TORSION SPRING – EXPRESSIONS™

Project Name \_\_\_\_\_

Specification Section \_\_\_\_\_

Ceiling Type \_\_\_\_\_

**SUBSTRATE:  
ALUMINUM**

- .040"  
 .050"  
 .063"

**SIZES**

- 24" x 24"  
 24" x 48"

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

**COLOR/FINISH**

- Cotton White - #0280  
 Natural - #7163  
 Other # \_\_\_\_\_

**PERFORATION  
PATTERN**

- |   |  |
|---|--|
| <input type="checkbox"/> Confetti<br><input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D      | <input type="checkbox"/> Waves<br><input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E |
| <input type="checkbox"/> Rain<br><input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D          | <input type="checkbox"/> Circles<br><input type="checkbox"/> A   |
| <input type="checkbox"/> Midnight Star<br><input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D |  |

**PERF BORDER**

- 1/4" Standard  
 Other: \_\_\_\_\_

**ACOUSTICAL  
BACKER**

- Black Non-Woven (For use with perforated material only)  
 Black Polywrapped Pad (For use with perforated material only)  
 None

**ACOUSTICAL RATING** \_\_\_\_\_ (NRC)

**TRIM**

- Wall Angle  
 Floating Edgeline Extruded Trim \_\_\_\_\_  
 Other \_\_\_\_\_

Color/Finish # \_\_\_\_\_

**CUT-OUTS**

- Square, Size: \_\_\_\_\_  
 Round, Diameter: \_\_\_\_\_

**EXPOSURE**

- Interior Only

**To Contact Us:**

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Norcross, GA 30093  
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fax: 770.806.0214  
www.CertainTeed.com/Architectural

ARCHITECTURAL

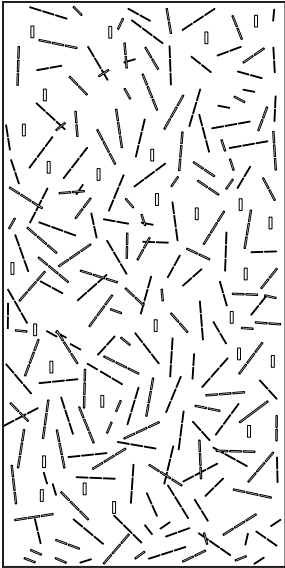
**CertainTeed**  
SAINT-GOBAIN

# SUBMITTAL SHEET **TORSION SPRING - EXPRESSIONS™**

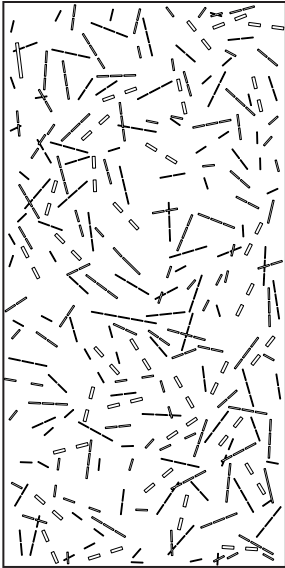
## PERFORATIONS

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

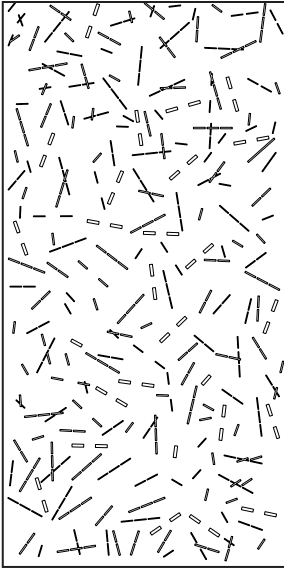
**CONFETTI** | Available in 2' x 2' and 2' x 4' panel sizes with four pattern variations. Open area is 4.2%.



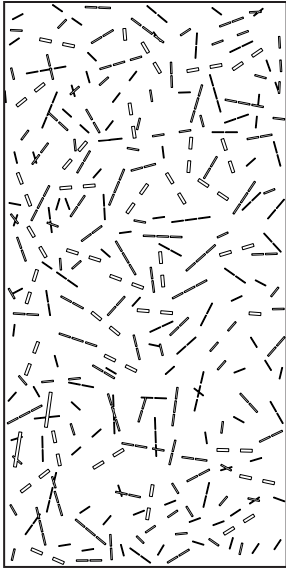
Panel Pattern A



Panel Pattern B



Panel Pattern C



Panel Pattern D

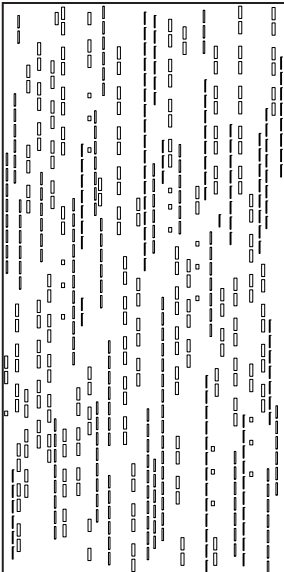
**RAIN** | Available in 2' x 2' and 2' x 4' panel sizes with four pattern variations. Open area is 8.1%.



Panel Pattern A



Panel Pattern B



Panel Pattern C



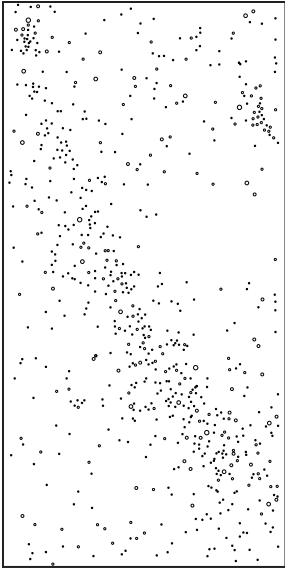
Panel Pattern D

# SUBMITTAL SHEET TORSION SPRING - EXPRESSIONS™

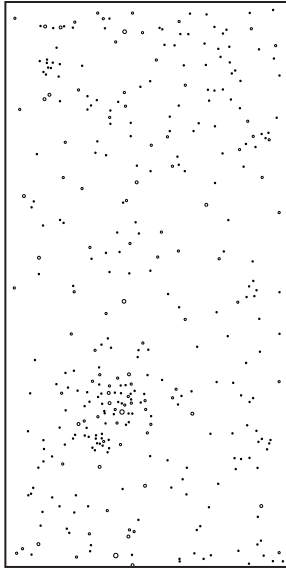
## PERFORATIONS

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

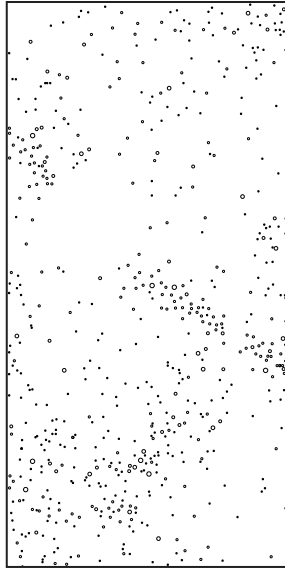
**MIDNIGHT STAR** | Available in 2' x 2' and 2' x 4' panel sizes with four pattern variations. Open area is 1.1%.



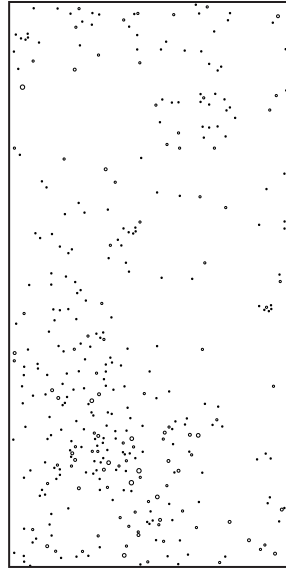
Panel Pattern A



Panel Pattern B

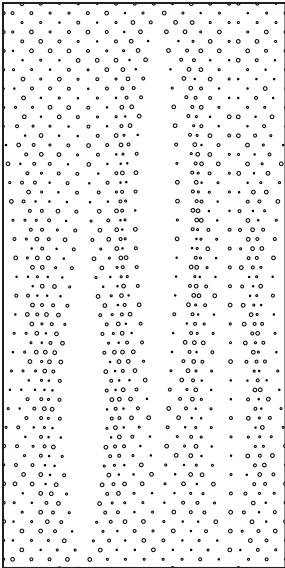


Panel Pattern C

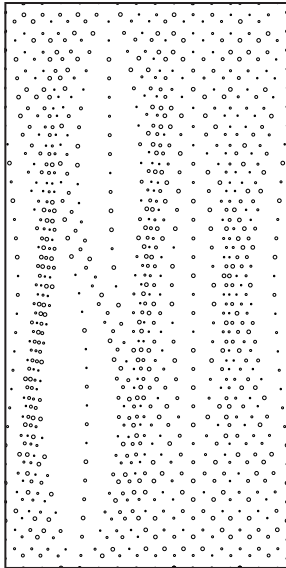


Panel Pattern D

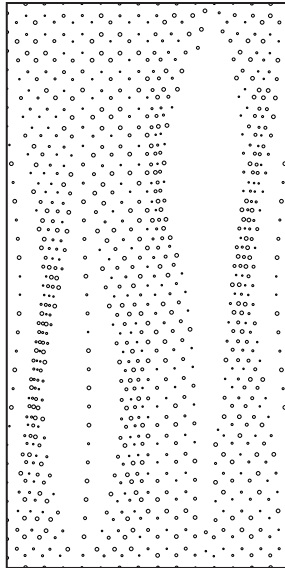
**WAVES** | Available in 2' x 2' and 2' x 4' panel sizes with five pattern variations. Open area is 3.5%.



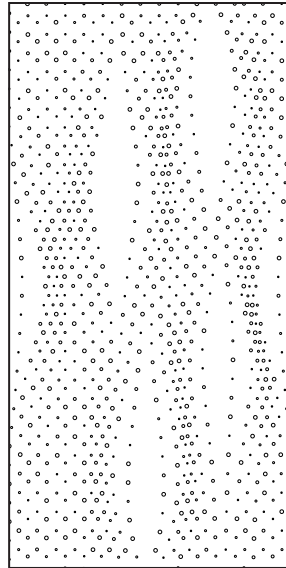
Panel Pattern A



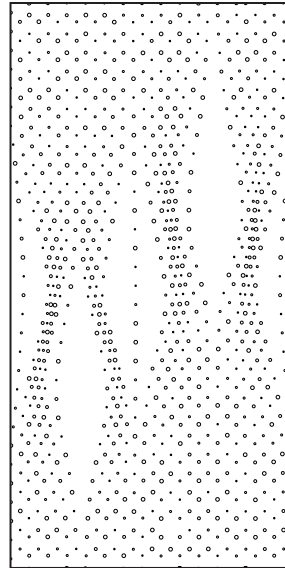
Panel Pattern B



Panel Pattern C



Panel Pattern D



Panel Pattern E

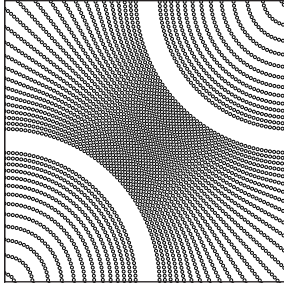
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## PERFORATIONS

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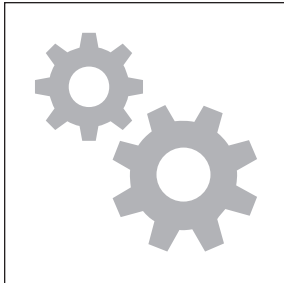
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**CIRCLES** | Available in 2' x 2' panel sizes in one pattern. Open area is 23.3%.



Panel Pattern A

**CUSTOM DESIGN** | Available in 2' x 2' and 2' x 4' panel sizes.



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

## PHYSICAL DATA

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**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:  $\leq 25$ , Smoke  $\leq 50$

Class A Fire Rated per CAN/ULC-S102

- Painted or anodized metal: Flame spread:  $\leq 25$ , Smoke  $\leq 50$

**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

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**For technical details, go to [CertainTeed.com/Architectural](https://www.CertainTeed.com/Architectural) • 800.366.4327**