

Rockfon® Spanair® Torsion Spring Concealed Metal Panel

Primary Applications:

Create durable, accessible, acoustically enhanceable ceilings for airports, passenger terminals, corridors, assembly halls, convocation centers and stadiums.

Features and Benefits:

- Torsion spring panels are constructed of recycled aluminum
- EZ Spring™ design allows springs to nest in panels for ease of job site installation
- Torsion spring panels integrate and conceal the suspension grid
- For use in interior applications
- 24 inches by 24 inches, 24 inches by 48 inches and 24 inches by 72 inches meet the requirements of IBC 2009 for installation in seismic areas (A through F)
- Square edge design
- Standard sizes of 24 inches by 24 inches, 24 inches by 48 inches or custom sizes down to 12 inches wide and up to 48 inches long
- Torsion spring panels have been shaker table tested per AC156 2010 and meet the requirements for installation in seismic areas (A through F)
- Available solid or perforated
- Torsion spring placement allows for downward accessibility
- Easily incorporates air, fire, audio and other services
- Torsion spring panels contain no organic compounds that support mold or microbial growth
- Torsion spring panel attributes may contribute to LEED® Certification project credits
- Torsion spring panels easily install in T-bar grid, slotted to accept springs
- Class A Fire Rating (non-combustible material)
- Acoustical enhancement with a variety of perforation designs and Acoutex™ backer
- 100% recycled content; recyclable at end of useful life

PRODUCTS

| | | |
|---|---|--|
| Material | Surface Painted | |
| <input type="checkbox"/> 0.032 in. aluminum | Standard Basic Painted Colors | Metalwood® II Finishes |
| Panels | <input type="checkbox"/> 01 White | <input type="checkbox"/> 650R Maple |
| <input type="checkbox"/> 4 Standard painted colors | <input type="checkbox"/> 08 Black | <input type="checkbox"/> 651R Cherry |
| <input type="checkbox"/> Rockfon Color-all™ painted colors | <input type="checkbox"/> 44 Satin Silver | <input type="checkbox"/> 652R Pumpkin Maple |
| <input type="checkbox"/> Metalwood® finishes | <input type="checkbox"/> 888 Winchester Grey | <input type="checkbox"/> 653R Oak |
| <input type="checkbox"/> Woodscenes® painted colors | Premium Painted Colors | <input type="checkbox"/> 654R Karri |
| Size | <input type="checkbox"/> 701 Stone | <input type="checkbox"/> 655R Bamboo |
| <input type="checkbox"/> 24 in. x 24 in. <input type="checkbox"/> 24 in. x 48 in. | <input type="checkbox"/> 702 Plaster | <input type="checkbox"/> 656R Walnut |
| <input type="checkbox"/> Custom (other): _____ x _____ | <input type="checkbox"/> 703 Gravel | Woodscenes® Painted Colors |
| Surface | <input type="checkbox"/> 704 Mastic | <input type="checkbox"/> 800 Lazy Maple |
| <input type="checkbox"/> Solid | <input type="checkbox"/> 705 Zinc | <input type="checkbox"/> 801 Aged Teak |
| <input type="checkbox"/> Standard perforation pattern | <input type="checkbox"/> 706 Concrete | <input type="checkbox"/> 803 Burnished Cherry |
| <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> R <input type="checkbox"/> V | <input type="checkbox"/> 707 Tarmac | <input type="checkbox"/> 804 Sleek Cherry |
| <input type="checkbox"/> J <input type="checkbox"/> Q <input type="checkbox"/> AA | <input type="checkbox"/> 708 Anthracite | <input type="checkbox"/> 805 Weathered Oak |
| <input type="checkbox"/> Other | <input type="checkbox"/> 720 Stucco | <input type="checkbox"/> 806 Barnwood Grey |
| | <input type="checkbox"/> 721 Chalk | |
| | <input type="checkbox"/> 722 Linen | * Coordinating solid color to match Metalwood® woodgrain finishes. |
| | <input type="checkbox"/> 723 Hemp | |
| | <input type="checkbox"/> 724 Cork | |
| | <input type="checkbox"/> 725 Earth | |
| | <input type="checkbox"/> 726 Clay | |
| | <input type="checkbox"/> 727 Humus | |
| | <input type="checkbox"/> 740 Light | |
| | <input type="checkbox"/> 741 Sunrise | |
| | <input type="checkbox"/> 742 Fresh | |
| | <input type="checkbox"/> 743 Breeze | |
| | <input type="checkbox"/> 744 Aqua | |
| | <input type="checkbox"/> 745 Misty | |
| | <input type="checkbox"/> 746 Twilight | |
| | <input type="checkbox"/> 750 Chili | |
| | <input type="checkbox"/> 751 Curacao | |
| | <input type="checkbox"/> 752 Vitamin | |
| | <input type="checkbox"/> 760 Copper | |
| | <input type="checkbox"/> 761 Gold | |
| | <input type="checkbox"/> 762 Mercury | |
| | <input type="checkbox"/> 770 Garnet | |
| | <input type="checkbox"/> 771 Scarlet | |
| | <input type="checkbox"/> 772 Ermine | |
| | <input type="checkbox"/> 773 Emerald | |
| | <input type="checkbox"/> 795 Champagne Metallic | |
| | <input type="checkbox"/> 796 Beige Metallic | |
| | <input type="checkbox"/> 797 Iron Glimmer Metallic | |
| | <input type="checkbox"/> 798 Copper Metallic | |
| | <input type="checkbox"/> 401 Maple* | |
| | <input type="checkbox"/> 402 Oak* | |
| | <input type="checkbox"/> 403 Cherry* | |
| | <input type="checkbox"/> 404 Pumpkin Maple* | |
| | <input type="checkbox"/> 405 Karri* | |
| | <input type="checkbox"/> 406 Walnut* | |
| Profile | Accessories: | |
| <input type="checkbox"/> ATS 463 (square edge) | <input type="checkbox"/> Acoutex™ acoustical backer | <input type="checkbox"/> Encapsulated acoustical bag |

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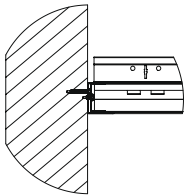
PHYSICAL DATA

- Type:** Torsion spring
- Material:** Painted aluminum or anodized aluminum
- Surface:** Solid and perforated
- Size:** 24 in. x 24 in., 24 in. x 48 in., Custom
- Edge Detail:** Square
- Texture:** Smooth
- Fire:** Class A: flame 0, smoke 0 per ASTM E-84
- Sound:** NRC 0.70—perforated with Acoutex™ backer
NRC 0.90—perforated with acoustical bag
- Performance:** Interior environments*
- Suspension:** HD Main Runner slotted face to receive torsion springs with cross tees
- Classification:** Type = XX, pattern C, G ASTM E-1264
- Warranty:** 1 year limited
- Sustainability:** 100% recycled content (40% post-industrial);
100% locally recyclable at end of useful life

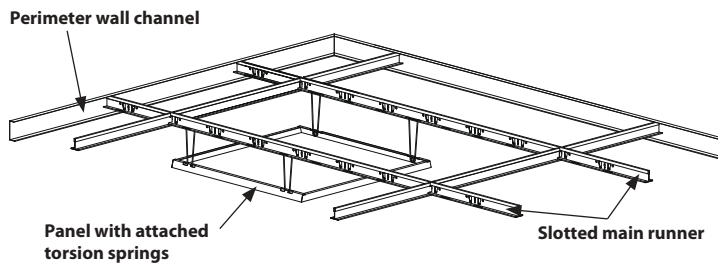
*Consult with engineer to evaluate suitability for intended application.

SECTIONS

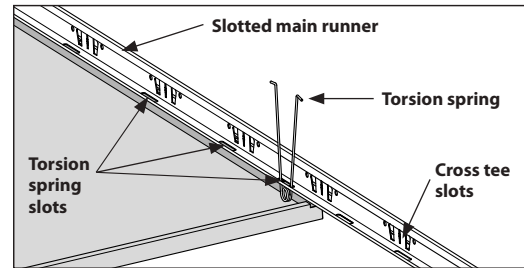
Wall Channel



Ceiling Plan Example

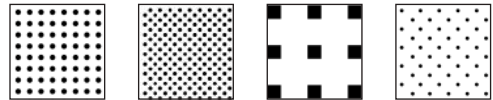


DETAILS

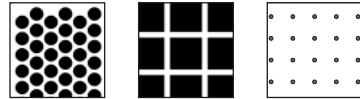


PERFORATION PATTERNS

Standard

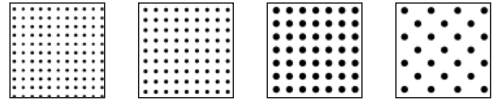


D 98R216L E 71R138D R 250S750L V 62R250D

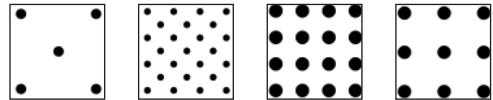


J 250R312S Q 60R169L AA 62R354L

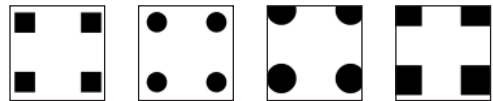
Premium



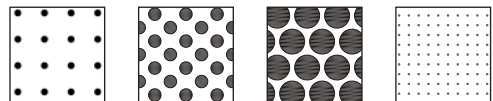
B 60R169D F 71R195L G 125R250L H 125R345



I 88R1000D K 50R345D L 250R500L N 250R750L



O 75S1125L P 75R1125L W 62R1312L Y 62S1312L



Z 125R500L AI 250R413S AJ 500R600S AK 48R196L



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