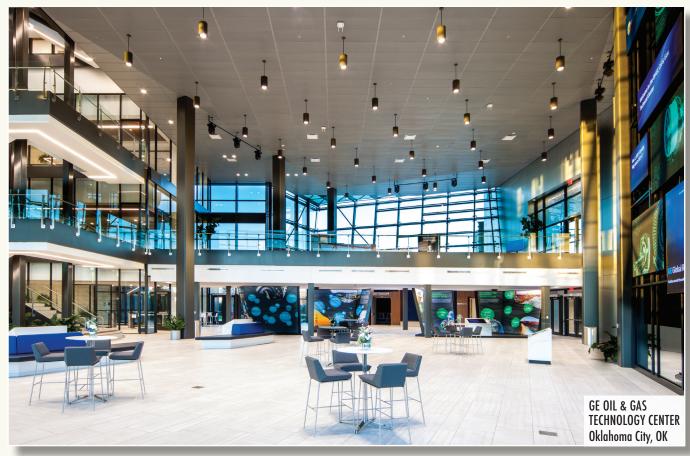
LAY-IN PANEL CEILINGS WITH EXPOSED SUSPENSION SYSTEMS







### CEILING SYSTEMS

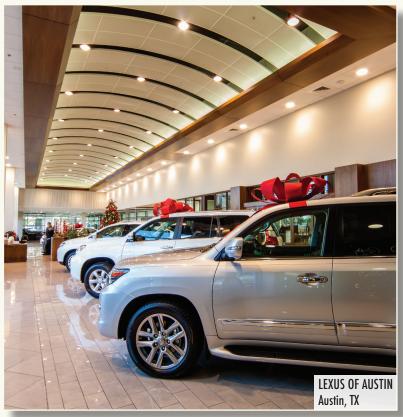
AV1000, AV2000 and AV2000R use main tees, cross tees and lay-in panels. Main tees can be flat or curved to the specified radius. Flat lay-in panels are secured with hold down clips, conforming to the shape of the tee.

## **DESIGN ELEMENTS**

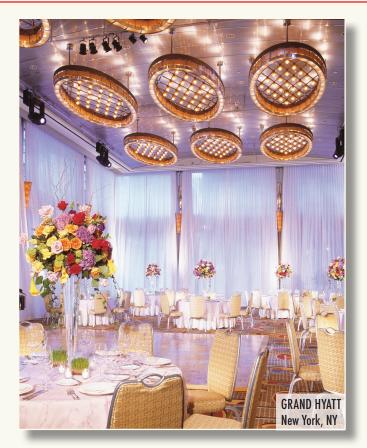
- Custom engineered to your design
- Factory finished in powder coat, acrylic "wet" paint, or GreenWoodTM -Wood Grain Films
- Specify the radius of your choice
- Convex, Concave, Sloped, Undulating and Flat
- Panels lay into the suspension
- Extruded aluminum suspension and perimeter
- Multiple standard perforation patterns
- Create your own perforation pattern
- Utilize FRP panels for backlighting
- Panel sizes up to 5' x 10'
- Access panels
- Acoustical treatment





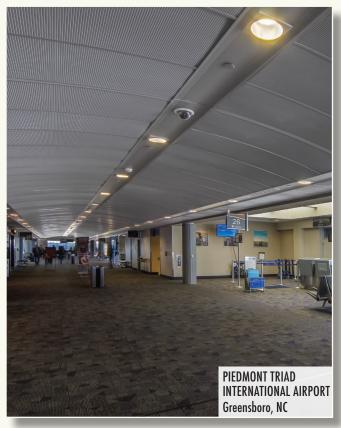












### SYSTEM INTEGRATION

- Air slots
- Lighting
- FlexHead®1 sprinklers
- Perimeter lights
- Perimeter pockets
- Penetrations
  - Speakers
  - o Columns
  - o Lights
  - $\circ \operatorname{Air}$
  - $\circ \, Sprinklers$



# **PERFORMANCE**

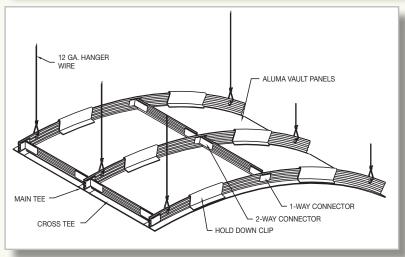
• Acoustical: NRC up to 1.00

• Seismic: All Zones

• Flame Spread: Class A

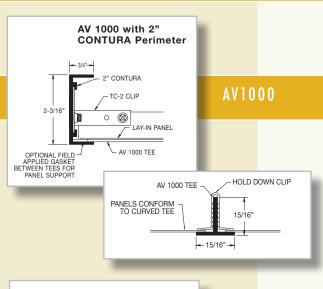




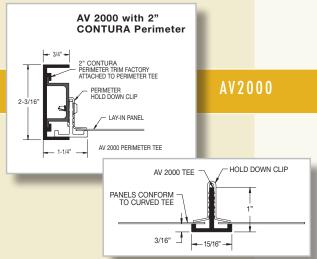


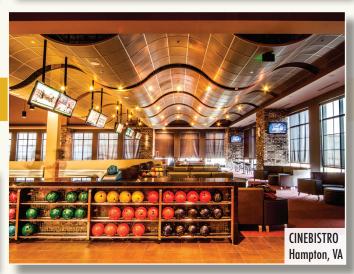


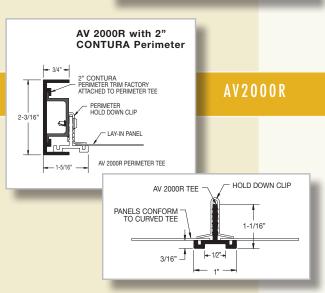
### CEILING SYSTEMS













#### **PANELS**

- Perforating capabilities
  - o Wide range of hole sizes and shapes
  - o Multiple hole sizes on same panels
  - o Embossing
  - Non-perforated borders
  - o Designer perforations to create custom graphics
- Modules up to 5' x 10' on certain patterns
- Acoustical treatment
- Access panels
- Penetrations
  - o Sprinklers
    - $\circ \operatorname{Air}$ o Columns
  - Speakers
  - Lights
- Material Options
  - o Aluminum
  - o Steel
  - Stainless Steel
  - o FRP
  - o MILLENNIUM
- Design and engineering support

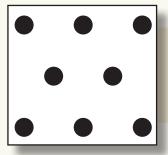
See binder and website for other perforation options.

#### **PERFORATIONS**

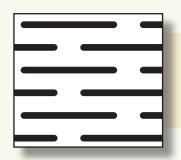
ITEM#	HOLE SIZE	PATTERN	OPEN AREA
O116-10SS20	1/16" x 1"	Oblong side-staggered	20%
018-12SS32	1/8" x 1/2"	Oblong side-staggered	32%
018-10SS39	1/8" x 1"	Oblong side-staggered	39%
T116-12SS31	1/16" x 1/2"	Slot side-staggered	31%
T964-34ST42	9/64" x 3/4"	Slot straight centers	42%
R116-18ST20	1/16" x 1/8"	Round straight centers	20%
R116-14ST05	1/16" x 1/4"	Round straight centers	5%
R116-14SG06	1/16" x 1/4"	Round staggered centers	6%
R18-316SG40	1/8" x 3/16"	Round staggered centers	40%
R316-58SG08	3/16" x 5/8"	Round staggered centers	8%
R14-716SG30	1/4" x 7/16"	Round staggered centers	30%
R14-12ST20	1/4" x 1/2"	Round straight centers	20%
R38-3132SG13	3/8" x 31/32"	Round staggered centers	13%
R12-34ST35	1/2" x 3/4"	Round straight centers	35%
R12-10SG23	1/2" x 1"	Round staggered centers	23%
S14-12ST25	1/4" x 1/2"	Square straight centers	25%
S14-34SG13	1/4" x 3/4"	Square staggered centers	13%
S38-10ST14	3/8" x 1"	Square straight centers	14%



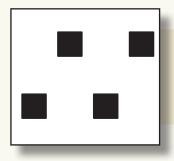
#### MILLENNIUM® Tubular Aluminum 1/4" Thick Straight Centers 40% Open Area



R316-58SG08 Round 3/16" x 5/8" Staggered Centers 8% Open Area



0116-10SS20 Oblong 1/16" X 1" Side-Staggered 20% Open Area



\$14-34\$G13 Square 1/4" x 3/4" Staggered Centers 13% Open Area



TRANSLUCENT FRP Variety of colors available Light Transmission: 82%

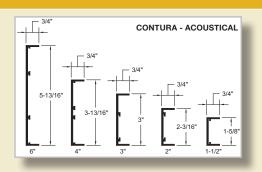


# **PERIMETERS**

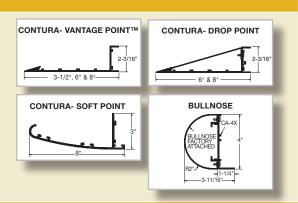
- Extruded aluminum
- Arched/reverse arched
- Undulating
- Curved, straight or twisted
- Compound curves
- Factory welded corners
- Crisp lines
- Tight curving capabilities



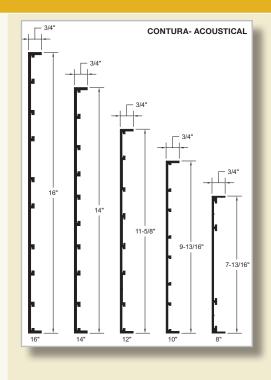
# ARCHED/REVERSE ARCHED, CURVED OR STRAIGHT

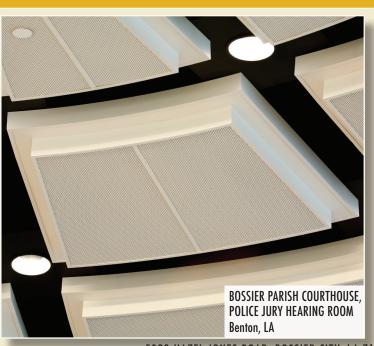


# STRAIGHT ONLY



# STRAIGHT OR CURVED (NOT ARCHED)







### FINISHES

- Acrylic Water Base "Wet" Paints
- Powder Coat Durable Painted Finishes
  - o Standard Finishes
  - o ACROGUARD® Enhanced Durability Finishes
  - o ACROGUARD® Patinaed Finishes
  - ACROGUARD®-UVX
  - ° ACROSTAT<sup>™</sup> Antimicrobial
  - o Metallic
- GreenWood<sup>™</sup> Wooden Finishes
  - o Wood Grain Films
  - Wood Grain Paints
    - Polyester
    - PVDF
- PVDF
  - o 50% Resin Based Coatings
  - o 70% High Performance Resin Based Coatings

# GREEN BY DESIGN

- Products contribute to LEED®2 certification
- Aluminum Extrusions 38.1% recycled
  - ° 29.4% pre-consumer content
  - o 8.7% post-consumer content
- Aluminum Coil 28% recycled
  - ° 22% pre-consumer content
  - o 6% post-consumer content
- In-House Finishes
  - o Biodegradable pre-treatment (No phosphates)
  - o No hazardous waste
  - o No VOCs
  - o No heavy metals
- Reference our sustainable products brochure and website for more information. Recycled content values are subject to change. Contact us for accurate values or job specific requirements.



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