



CURVED PANELS

CEILINGS

CAS Curved Panels are made from a solid wood veneer with FSC certified wood and Class "A" Fire Rated coating available. NAUF and recycled wood core are standards. The panels are made in standard and custom sizes. With the CAS systems, curved ceiling panels can be installed either with a hanger system on Unistrut or with an aircraft cable system.

Panels that are manufactured with standard perforated holes are supplied with an acoustical fabric attached to the back of the panel. Acoustics can be improved by adding a 1" or 2" insulation blanket above the panels.

FINISHING

Wood is a natural product with variations in texture, grain and color. Often, the color ranges from light to dark, affecting the look. A stain helps to minimize this condition, but not eliminated completely. If more of a consistent look is required, a reconstituted veneer is recommended.

CAS uses a low VOC sealer and lacquer for finishing.

STORAGE & HANDLING

Material shall be stored and installed only in a conditioned space that has a constant humidity level of no less than 25% - 55% and temperature not exceeding 86° degrees. Before the wood is installed, it shall be acclimated to the environment for no less than 72 hours. Handle carefully to avoid damage.

AVAILABLE LEED CREDITS

MR Credit 4.1/4.2	Recycled Content
MR Credit 5.1/5.2	Regional Materials (<i>500 Miles</i>)
MR Credit 6.0	Rapidly Renewable Material
MR Credit 7.0	FSC Certified Wood
MR Credit 3.1	Reclaimed Wood
EQ 4.1/4.2/4.4	Low Emitting Materials

WOOD SPECIES

There are many standard wood veneer species available to choose from.

WOOD FINISHES

Panels can be finished with our standard finishes or match any custom finish.

Warranty | CAS warranties the product for 18 months (see warranty sheet). Extended Warranty is available for additional cost (ask for details). **Exterior** | Exterior cores are available that can utilize a veneer face. **Design Services Included** | Light hole cut-outs, custom stain matches, custom panel sizes to minimize field trimming, product samples, engineering services and Auto Cad shop drawings.



STANDARD PERFORATION PATTERNS

The ceiling panels can be made as a non-perforated panel or with a standard CAS perforation.

Micro Perforations .5 mm x 2 mm OC

6 mm - 32 mm and 16 mm OC - Offset or Parallel

8 mm - 32 mm and 16 mm OC - Offset or Parallel

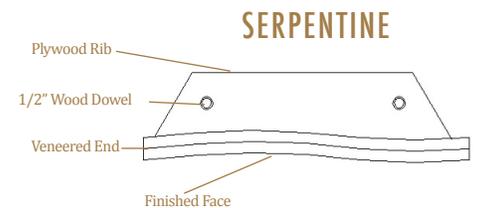
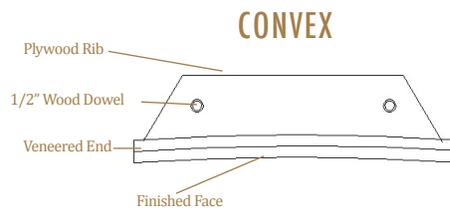
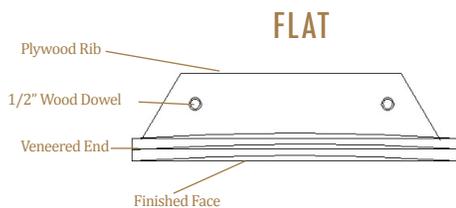
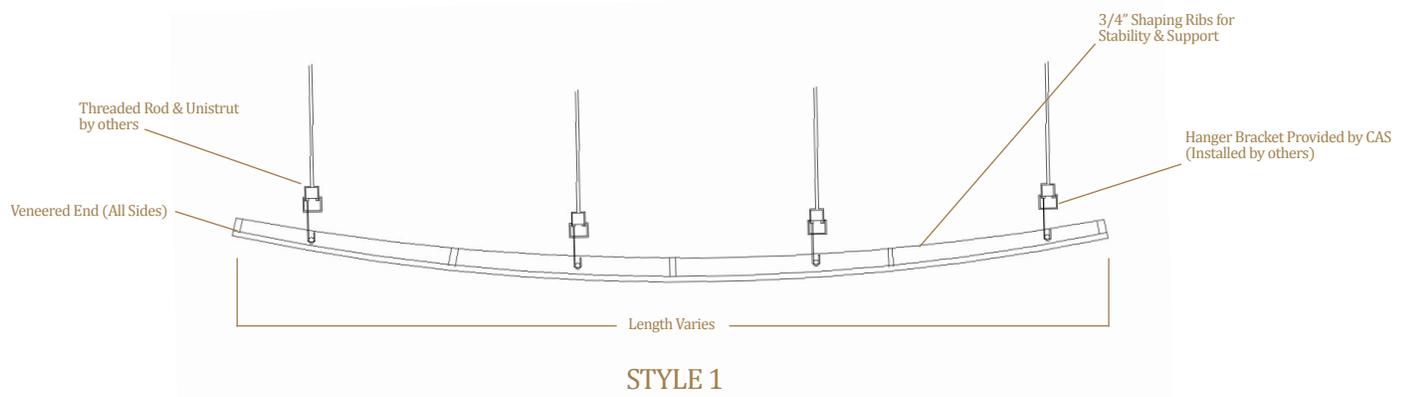
8 mm Slot - 32 mm long - 16 or 32 mm apart - Offset or Parallel

Custom perforations are available upon request including, but not limited to letters, corporate logos and line patterns.

CEILING

CAS Curved panels can be made in several different configurations and are typically hung either using a hanger system on Unistrut or by an aircraft cable system.

Standard sizes for the curved panel system are 4' x 8'. Panel systems can be made in a variety of sizes up to 5' x 12'.



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