Introducing ACGI Custom Portfolio

Inspiring Great Spaces®
ACGI
Wood Capabilities

The innovation of Architectural Components Group, Inc. custom wood capabilities enhances and expands the WoodWorks™ product portfolio for ceilings and walls. Now you can have even more options for WoodWorks custom designs while achieving both aesthetic and acoustical benefits.
Encore™ acoustical panels; The Peace Center for the Performing Arts, Greenville, SC
ENCORE™
Acoustical Panel Capabilities
IN THE GROOVE

Encore™ acoustical panels combine acoustical performance with the natural aesthetic quality of wood.
The system showcases our signature acoustical treatment across a variety of products, including planks, large-format, curved, and custom panels for both walls and ceilings. Wall panels easily attach with our Concerto™ wall system or Z-clips, and various ceiling suspension methods are available. For enhanced sound absorption, encapsulated insulation, groove profiles, and spacing options are available.
**Encore™ Series 1**
Series 1 acoustical wood planks provide a tongue-and-groove edge and a monolithic appearance. Depending on the desired acoustical performance, the backside of the plank is available with standard holes, oversized holes, counter-bored holes, or no holes.

**Encore™ Series 3**
Series 3 acoustical wood panels are a popular choice for composite panels. The grooves can be either continuous to the end of the panel, stopped to create an integral border, or the panel can be constructed with a mitered perimeter frame. EN3 is also available in a radiused, factory-curved panel with a minimum radius of 96”.

**Encore™ Series 5**
EN5 is the curved version of EN6. These acoustical wood panels combine curved panel design and sound absorption. EN5 panels can be factory curved to match design criteria of convex, concave, or S-curve shaped panels in custom sizes and radii.

**Encore™ Series 6**
Series 6 acoustical wood panels incorporate multiple ceiling and wall applications. EN6 is the panelized version of EN1 planks. EN6 panels are typically 3/4” thick and edge-banded.
FLAT PANEL Suspension Capabilities

RISING ABOVE

Flat Panels are designed for wall and ceiling applications and are available in custom and standard sizes.
Flat Panel ceilings; Edmonton International Airport, Edmonton, Alberta, Canada
Acoustical options for flat panels range from grooves and slots to perforations and MicroPerf patterns. Acoustical fabric is typically added to the back of perforated panels. Special surface images (such as patterns and logos) can also be created.
Suspension System Series 1
Series 1 is typically used in wall applications and attached with Z-Clips. In ceiling applications SS1 panels lay into a standard T-Grid and are easily removed for access.

Suspension System Series 2
Series 2 has a reveal edge condition that lays into a standard T-Grid. The grid can be covered with optional matching wood trim. The panels are easily removed for access.

Suspension System Series 3
Series 3 is designed to slide into the grid and provide a 3/8” reveal between each panel. The panels are easily removed for access.

Suspension System Series 4
Series 4 suspends from backers that slide over the grid and provide a 3/8” reveal between each panel. The panels are easily removed for access.

Suspension System Series 5
Series 5 is designed for large format panels that suspend from a cold rolled steel channel or HD T-Grid. Panels can be easily installed and removed or locked into place. Optional hardware available for hanging panels at an angle.

Suspension System Series 6
Series 6 is designed for large format panels that suspend from Unistrut® for incline applications. Special mounting brackets accommodate different angle configurations.

Suspension System Series 7
Series 7 uses a torsion spring suspension system mounted to the back of the panel along with a custom T-Grid system. This system enables the panel to be fully or partially removed to facilitate access to the space above the ceiling.
The Concerto™ wall system is ideal for creating a unique, consistent style and supports perforated and non-perforated wall panels.
The Concerto™ wall system features various interchangeable aluminum extrusions with an assortment of reveal conditions. The simplicity and flexibility makes standard, flat, curved, and custom panels possible. Custom extrusions and fixtures can be included in the scope of work. Contact us for details.

- Panels slide securely into place
- Options for extrusions, moldings, finishes, doors, and movable partitions
- Create a unique appearance
- Incorporate access panels
- Integrates with Flat Panels and Encore™ acoustical panels
Concerto™ Installation Options

Concerto™ Wall 100
Series 100 includes a variety of extrusions that provide a recessed reveal. A variety of trim options are also available.

Concerto™ Wall 200
Series 200 extrusions extend to the face of the wall panel, resulting in a framed panel system.

Concerto™ Wall 300
Series 300 extrusions also cover the edges of the panel but create a much shallower reveal for added emphasis to the extrusion.

Concerto™ Wall 400
Series 400 are used on thinner architectural panels, but may be used with a variety of panel types. The extrusions are used in conjunction with a Z-Clip mounting system that allows for easy removal of panels for access.

Concerto™ Wall 500
Series 500 adds captured panel perimeter extensions.
ALLEGRO™
Curved Panel
Capabilities

ODE TO CURVES

Allegro™ curved panels are designed to redirect sound waves and enhance the acoustics of large open spaces such as auditoriums, theaters, performance halls, and lecture rooms.
Allegro™ curved panels are custom built to order and reinforced for long-term rigidity and confident installation. Panels are non-perforated and designed to reflect, rather than absorb sound. Applying sound-absorbing material to the panel backs will absorb non-directed sound within the plenum. With a six-inch minimum radius, these large-format panels can be concave, convex, and S-curve shaped.

- Wall and ceiling applications
- Concave, convex, and S-curve panels
- Complements other systems
- Perfect for multi-panel ceiling configurations
- Edge detail and acoustical infill panel options available
Allegro™ Series 1
Series 1 is a 3/4” thick curved panel that is simple and economical.

Allegro™ Series 2
Series 2 is similar to Series 1 adding an integral 3” vertical perimeter trim.

Allegro™ Series 3
Series 3 is a custom composite panel with a thickness greater than 3/4”. The panel can be filled with acoustical material or designed with a variety of substrates to meet specific requirements.

Ceiling Cloud

Wall Application
Linear open ceiling system; Grinnell College, Grinnell, IA
LINEAR Capabilities CREATING GREAT LINES

Linear is designed to provide a continuous plank appearance and features either individual planks or panelized segments.
Both individual planks or panelized segments include custom and standard reveal profiles for both open and closed reveals while delivering a streamlined installation process.

Open reveal planks allow sound waves to pass between members into the plenum. The NRC performance is controlled by layers of acoustic insulation. Closed reveal systems diffuse sound waves.
Linear Open Series 1
LO1 is an individual plank system installed progressively on ceilings or walls with our LSC-102 clip. Planks are butted end-to-end using LSC-103 alignment clips. This provides a more continuous appearance along the length of the ceiling. The reveals in this system are open to the plenum above. The system’s clips are black for concealment against black T-Grid. Although installed progressively, this series is completely accessible by removing two adjacent planks.

Linear Open Series 2
LO2 is similar to LO1 series except that it includes factory-installed black felt in the reveal. This system offers visual concealment of the plenum while still providing acoustical performance.

Linear Open Series 3
LO3 offers a faster and more economical installation. Typical panels are 12” wide with 3/4” typical reveal between planks. The panels are typically installed with 3/4” reveals between the ends of the panels to match the reveals between the planks. Panels are factory-assembled using flat black wood backers, and are installed by screwing through the backers, between the planks, into the T-Grid; or can be suspended with a BC-101 suspension clip. Although this system is accessible, optional suspension methods are available for panels that require frequent access.

Linear Open Series 4
LO4 is panelized similar to the LO3, but the backers in this system have a rounded edge that protrudes into the plank reveal. This provides a look similar to a wood dowel, and suspends with a DC-101 dowel clip.

Linear Open Series 5
The LO5 is another panelized series similar to the LO3. However, LO5 panels “lay into” HD T-grid and do not usually require screws or clips. Panels are available as nominal 24” wide by 24” or 48” length. Panels are factory assembled using flat black wood backers. The reveal size at the panel edge matches the size of the grid, either 9/16” or 15/16”. Like most of our other systems, the LO5 panels are accessible.

Linear Closed Series 1
LC1 has a tongue-and-groove edge for a continuous plank ceiling. Planks are installed using concealed LSC-101 clips. There are a variety of details available for the joint reveal, including custom. LC1 planks are typically manufactured from solid wood; but veneered material may be used as well (core of veneered material may be visible depending on reveal profile). LC1 planks are typically 3/4” thick. Other thicknesses are available. Plank width and length can vary depending on wood species.
GRILLE Capabilities
THE STRAIGHT AND NARROW

The warmth of natural wood with acoustical performance options.
This Grille open design allows sound to pass unobstructed into the plenum or to be absorbed by insulation. Panels feature either wood backers or dowels that are painted flat black (other finishes available).

Grille panels are characterized by slats that are less than 3-1/2” deep and assembled with four to ten members per foot. For ceiling applications, panels easily screw to standard grid or attach with quick-release dowel clips.

- Wall and ceiling applications
- Panelized for easy installation
- Squared or rounded backers
- Optional notched backers
- Solid wood and flexible dowels
- Sophisticated Micro-Grilles
Grille Dowel Series 1
The Series 1 Grille is panelized and assembled with wood dowels at 12" O.C. Dowels are typically painted flat black, but are available in other colors. Series 1 Grilles are installed to ceiling grid using DC-101 suspension clips. The clips are easily removed for plenum access. The clips are designed with holes to allow field-installed wire to meet seismic requirements. Grilles can be used for wall applications as well, depending on the slat size, using our DC-102 wall clip. Backers can be added for additional support.

Grille Wood Backer Series 1
Our GB1 Grille is panelized using a solid wood backer at 12" O.C. The backers are typically painted flat black, but are available in other colors. When the slat height is greater than 2", or for wall applications, the backer can be notched to provide extra strength and stability. GB1 panels are installed with BC-101 suspension clips or by screwing through the backers to the grid or wall furring strips. For occasional ceiling access, the attachment screws can be removed, or optional suspension can be provided if regular access is required.

Grille Rounded Wood Backer Series 2
GB2 uses a wood backer that has a radiused face shaped to resemble a wood dowel. Viewed from below it looks like a dowel but has the added strength of a notched wood backer strip. It also uses the quick release DC-101 dowel clip, and other features are similar to the wood back system.

Grille Wood Backer Series 3
GB3 panels are similar to GB1, however GB3 panels lay into HD T-grid and do not usually require screws or clips. The GB3 Grille is panelized using a solid wood backer at 12" O.C. The backers are typically painted flat black, but are available in other colors. The slat depth is typically 1-1/2", and panels are nominal 24" wide by 24" or 48" length. The reveal size at the panel edge matches the size of the 15/16" grid. Like most of our other systems, the GB3 panels are accessible.

Micro-Grille Series 1
Micro-Grille is a product that works well for ceilings, walls, and areas where air flow is required. They offer a slat thickness of 3/16" and a depth of 1" and the slats are placed on a notched wood backer.

Micro-Grille Series 2
Similar to Micro-Grille Series 1, Micro-Grille Series 2 can also be constructed as an encapsulated panel adding acoustic value and making installation even simpler.
Baffle ceiling system; Hillman Hall, Washington University Brown School, St. Louis, MO
BAFFLES Capabilities
A NEW TAKE ON BLADES

Baffles offer versatility with installation options that suit your design intent.
Depending on baffle size and design requirements, they can be produced from solid wood or veneer using MDF or particle board.

Panel options include size, spacing, thickness, members per foot, and custom profiles. For a curvilinear style, we can produce radiused backers or radiused baffles.
Wood Baffle-Profile
There are two standard profiles (Series 1 & 2) as well as custom profiles to choose from. Series 1 has flat sides. Series 2 is similar to Series 1 except that the Baffles have a radiused bottom face. Each profile has several size options and the number of Baffles can vary depending on design criteria.

Wood Baffle-Radius
Wood Baffles are available with either the backer strip or the baffle itself radiused as indicated by the design details in this section. Individual Baffles can also have various radius profiles to create a flowing compound appearance. Please contact TechLine at 1 877 276 7876 to discuss special project needs for this type of application.

Tremolo™ Baffle
Tremolo™ is a tapered wood baffle and each member can be suspended individually with or without an integral light fixture.
BEAMS Capabilities
WORKS OF ART
Make a statement with Beams that not only channels visual grandeur, but offers efficient installation as well.
Beams, Linear ceiling, custom doors, and trim; First Presbyterian Church, Tulsa, OK
Beams are highly customizable and fully integrate rectangular or round profiles with horizontal and vertical radii options allowing an array of configurations for both walls and ceilings.

Beams can be finished on all sides and manufactured with various matching, decorative moldings, including custom and elaborate designs.
Beam Series 1
Series 1 beams can be square, rectangular, or rounded. They also include half beams for wall applications. Simple moldings can be attached almost anywhere to the Beam. This series is simple to install and field modify. Custom sizes, veneer selection, and finishes available.

Beam Series 2
Series 2 is designed to be used with elaborate decorative moldings. Unless the architect or designer has a specific design, it is recommended they confer with TechLine direct to work out the exact design needed. TechLine can provide a variety of assistance to identify different molding types that can effectively be used together.

Beam Series 3
The internal design of Series 3 Beams allows for very exact dimensions and smooth surfaces. Different radii are available upon request.

Beam Series 4
Series 4 are vertical radius Beams. Different radii are available as well as radius four-sided Beams for internal Beam structures.
Cubes; Steinway Hall, New York, NY
CUBES
Capabilities
OUTSIDE THE BOX
Cubes can feature rectangular and round panels with either a continuous or modular appearance.
Continuous Cubes include a custom constructed wood grid with “lap” joints; whereas, modular Cubes lay into a standard ceiling grid. The systems permit variations in cell size, thickness, and depth. Depending on project requirements, panels can be factory- or field-cut to size. Both standard and custom panels (including large, multi-piece structures) are available.
Cubes – Continuous
Continuous cube systems utilize panels in either 24" x 24", 24" x 48", or 48" x 48" configurations that lay into one of three grid systems. They produce a continuous cube appearance over the entire ceiling area.

Cubes – Continuous Series 1
Uses a wood grid where panels connect via a “lap” joint.

Cubes – Continuous Series 2
Uses a 3/8" wood grid and the panels lay into the grid via a metal bracket. Perimeter conditions may use reveals placed between the panels and the structure. However, if cubes are used in an island or floating type configurations, special vertical wood trim can be used around the perimeter in either a radius or straight profile. The trim is available in matching or complementary wood species and finishes.

Cubes – Modular
Modular cube systems are made to lay into a HD T-Grid. Depending on the series selected they can be placed into the grid or recessed to hang below the grid. Instead of a continuous cube appearance, modular systems provide a distinctive reveal between each panel.

Cubes – Modular Series 1
Lay-in panel with perimeter sides.

Cubes – Modular Series 2
Panel is recessed below the 15/16" grid.

Cubes – Oval or Round
These panels come as smaller single piece units or larger multi-piece structures that are joined with dowels. Once joined, the panels appear to be one solid unit.

Cubes – Oval
Oval panel with perimeter sides.

Cubes – Round
Round panel with perimeter sides.
LOUVERS Capabilities
BREATH OF FRESH AIR

Louver panels feature custom and standard slat profiles available in either open or encapsulated designs.
An open Louver design can easily accommodate HVAC applications. Louvered panels are available in custom sizes.

Wall mounts can be fixed or utilize Z-clips. Ceiling panels can be suspended from a system-specific suspension.

- Wall and ceiling applications
- Open or encapsulated panels with optional acoustic insulation
- Custom and standard profiles
- Spacing and angle options
Louver Series 1
LV1 is a standard Louver that can be attached to walls utilizing a fixed mount or as a ceiling application using a FP2 lay-in suspension system.

Louver Series 2
LV2 is encapsulated with acoustical insulation. It can be wall mounted using Z-Clips or ceiling mounted using an FP2 lay-in suspension system.
COFFERS Capabilities DISTINCTIVE ELEGANCE

Standard and custom Coffer profiles with an intuitive lay-in suspension give ceilings a classy touch.

- Lay-in ceiling grid suspension
- Floating ceiling applications
- Simple to install and remove
- Custom and standard profiles

Panels either lay flush with the ceiling grid or hang recessed below the grid. Both methods easily accommodate post-installation access. Factory cut-outs are also available.

We offer a variety of designs to meet specific project requirements, including matching or complementary trim for “floating ceiling” applications.
Diffuser acoustical panels provide custom wall and ceiling acoustical solutions that effectively diminish an environment’s flutter and echo.

- Wall and ceiling applications
- Diminish flutter and echo
- Custom and standard designs
- Substrates: solid wood, veneer, and thermally-fused laminate

Diffuser panels come in several standard designs and our experienced team of engineers can create a custom design to meet your project’s acoustic requirements.
Diffuser acoustical panels; Winnipeg International Airport, Manitoba, Canada
MicroPerf wall panels; Fred & Pamela Buffett Cancer Center, Omaha, NE
MICROPERF Acoustic Panel Capabilities

HIDDEN QUIET

Control noise with 0.55 mm perforations that disappear from a normal viewing distance.
MicroPerf is an excellent solution for both wall and ceiling applications, and can be applied to both flat and curved panels. Acoustic fabric is factory-attached to the back of the panel, and acoustic insulation is typically used for additional NRC performance.

ACOUSTICAL INFORMATION

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<th>Ceilings (E-425 Mount)</th>
<th>NRC</th>
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<tbody>
<tr>
<td>Panel only</td>
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<tr>
<td>Panel with 1&quot; acoustical infill</td>
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<td>Panel with 2&quot; acoustical infill</td>
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<table>
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<th>Walls (F-6 Mount)</th>
<th>NRC</th>
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<tbody>
<tr>
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<tr>
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<td>0.75</td>
</tr>
<tr>
<td>Panel with 2&quot; acoustical infill</td>
<td>0.85</td>
</tr>
</tbody>
</table>

- Wall and ceiling applications
- Various suspension methods
- Perforations that disappear
- Custom and standard sizes
- Various perforation patterns
- Degrees of acoustic treatment

MicroPerf 0.55 mm perforations spaced
2mm O.C. vertically and horizontally (shown actual size)
MicroPerf 0.55 mm perforations spaced 2mm O.C. vertically and horizontally
EXTERIOR Capabilities TAKE THE INSIDE OUT

Functional and versatile, connect interiors and exteriors with these wood-based composite panels.
Exterior panels are available in almost any commercially available wood species which makes them universally appealing. When properties such as strength, weight, insulation, and resistance to moisture are required, exterior products are ideal – especially when the design intent calls for the exterior and interior design to flow seamlessly.

- Durable
- Dimensionally stable
- Low-maintenance costs
Species & Color Selection

YOUR CHOICE

Any commercially available solid wood or veneer can be sourced. In addition to our standard finishes, we can create or coordinate any color to meet your project’s requirements.

- Additional lead time is required for species with FSC® certification
- Veneer species are more readily available in FSC® certified flitches
- LEED® compliant materials, designs, and processes can contribute to your project’s credit requirements

Please keep the installation environment in mind. Light sources will impact how your wood veneer will coordinate with existing finishes.

When submitting a custom finish, please indicate the installation site’s lighting source (e.g. natural daylight, cool white fluorescent, warm white fluorescent, incandescent, or ultraviolet). Our finishing department develops each custom color according to the original light source prior to sending a sample for approval.
TAKE THE NEXT STEP

1 877 276 7876
Customer Service Representatives
7:45 a.m. to 5:00 p.m. EST
Monday through Friday

TechLine – Technical information, detail drawings, CAD design assistance, installation information, other technical services – 8:00 a.m. to 5:30 p.m. EST, Monday through Friday. FAX 1 800 572 8324 or email: techline@armstrongceilings.com

armstrongceilings.com/acgiwood

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Design Assistance
Collaborative design
Detail drawings
Specifications
Planning and budgeting

Pre-construction Assistance
Layout drawings for standard and premium products
Project installation recommendations
Contractor installation assistance

you inspire™ solutions center
helping to bring your one-of-a-kind ideas to life

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