FABRAL® TOTAL SYSTEMS

To us, metal is more than a commodity. Our products include a multitude of systems, each delivering different aesthetics, functions and benefits. We offer versatility. And we’re also your one-stop source for all accessories, underlayment and panel system components. Everything you need for the total system.
Education

We’ve got the knowledge and know-how to bring your vision to life. Through hands-on seminars and web-based classes, we can help you achieve your vision for a building.

Project Consulting

We’re called the “Masters of Metal” for a reason. We work with you to guide you through each phase of your project from design to spec and completion.
You challenge us. And we like it.

Your vision for a building and what you want to achieve makes us think harder. It’d be easy to say - “That won’t work.” Instead we go with - “Let’s see what we can do.” As the leading provider of metal for building envelope solutions, we push the envelope.

We like it when you bring us a problem because we know we’ll find the solution. We have the products, the manufacturing and the know-how. We offer everything you need for the total building envelope solution. At our core, we relish a challenge.

To learn more contact us at 800.884.4484 or Fabral.com.
ROOF & WALL SYSTEMS

Georgia Institute of Technology, Atlanta GA, USA featuring Stand ‘N Seam® and Select Series

College Park Elementary School, Virginia Beach VA, USA featuring Silhouette HCF Series® and 7/8” Corrugated

LYNX Central Florida Regional Transportation Authority, Orlando FL, USA featuring Deep Rib IV
Roof & Wall Systems

Fabral® roof and wall systems have been specified for projects in every commercial building segment around the world. We’ve provided solutions for the most demanding and creative installations. We’ve got the high-performance solutions and versatile design options you need. And our wide range of substrates and finishes means the possibilities are limitless. Tell us what you need. We’re sure to have a system for your application.

Roof & Wall Systems
Standing Seam Panels
Concealed Fastener Panels
Exposed Fastener Panels
Interior Wall Liner Panels
Panel Specs
- Highest wind-uplift resistance of any standing seam panel on the market
- Unrestricted Thermal Movement
- Double Lock-seamed Side Joints
- Factory formed to 12" and 16" or Field-formed to 16"
- Factory Applied Sealant
- Substrate Offering: .032" and .040" Aluminum and 24 Gauge and 22 Gauge Steel and Copper
- Maximum Panel Length: Factory Forming Option 47'
- Minimum Panel Length: 6'

Technical Data
- Min Roof Slope: 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Thermal Cycling Test: 100,000 cycles
- Wind Uplift: Class 90, #275, 275A, 275B, 319 Results Vary Depending on Gauge and Panel Thickness
- Air Infiltration: 0.006 cfm/ft² @ 20 psf
- Water Penetration: No Water @ 20 psf
- Miami Dade Noa (steel & aluminum)
Panel Specs
- 90 and 180 Degree Seaming Available
- Curving and Tapering Options Available
- Striations and Shadow Lines Available (varies by facility)
- Factory or Field-forming available in 12”, 16” and 18”
- Factory Applied Sealant
- Substrate Offering: .032” and .040” Aluminum and 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: Factory Forming Option 47’
- Minimum Panel Length: 6’

Technical Data
Min Roof Slope 1:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A
Wind Uplift
UL580 Class 90, #90, 176, 180, 238, 548, 549, 675
ASTM E1592 Results Vary Depending on Gauge and Panel Thickness
Factory Mutual FM Class I-180 tested and approved
Air Infiltration
ASTM E283 0.01 cfm/ft² @ 15 psf
ASTM E1680 0.01 cfm/ft² @ 20 psf
Water Penetration
ASTM E331 No Water @ 6.24 psf
ASTM E1646 No Water @ 20 psf
ASTM E2140 No leakage of standing water
Texas Dept of Insurance Approved

Panel Specs
- Unlimited Thermal Movement
- Factory or Field-forming
- Batten Seam Lines Available
- Striations and Shadow Lines Available
- Tapering Options Available
- Factory Applied Sealant
- Substrate Offering: .032” and .040” Aluminum and 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: Factory Forming Option 47’
- Minimum Panel Length: 6’

Technical Data
Min Roof Slope 1:12
Wind Uplift
UL580 Class 90, #303, 359, 359A, 343, 417
ASTM E1592 Results Vary Depending on Gauge and Panel Thickness
Air Infiltration
ASTM E283 0.009 cfm/ft² @ 6.24 psf
Water Penetration
ASTM E331 No Water @ 15 psf
Texas Dept of Insurance Approved
Panel Specs
- Unlimited Thermal Movement
- Shadow Lines Available
- Tapering Options Available
- Factory Applied Sealant
- Substrate Offering: .032” and .040” Aluminum and 24 Gauge and 22 Gauge Steel and Copper
- Maximum Panel Length: 47’
- Minimum Panel Length: 6’

Technical Data
- Min Roof Slope: 1:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Wind Uplift: UL90, Class A
- Air Infiltration: ASTM E283, No air penetration @ 20 psf
- Water Penetration: ASTM E331, No Water @ 25 psf

Panel Specs
- Tapering Options Available
- Factory Applied Sealant
- Unlimited Thermal Movement
- Substrate Offering: .032”, .040” and .050” Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 51’
- Minimum Panel Length: 6’

Technical Data
- Min Roof Slope: 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Wind Uplift: UL90, Class A
- Air Infiltration: ASTM E283, No air penetration @ 20 psf
- Water Penetration: ASTM E331, No Water @ 20 psf
Panel Specs
- Solid Substrate Installation Only
- Shadow Lines Available
- Tapering Options Available
- Curving Options Available
- Unlimited Thermal Movement
- Substrate Offering: .032" and .040" Aluminum and 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: 47'
- Minimum Panel Length: 6'

Technical Data
Min Roof Slope: 3:12
Hail Resistance: UL2218, Class 4
Fire Resistance: UL790, Class A
Wind Uplift:
UL580 Class 90, #296, 397, 397A
ASTM E1592 Results Vary Depending on Gauge and Panel Thickness

An easy to install, snap-on seam design allows for easy removal of individual panels when necessary.

Panel Specs
- Solid Substrate Installation Only
- Unlimited Thermal Movement
- Shadow Lines Available
- Tapering Options Available
- Substrate Offering: .032" and .040" Aluminum and 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: 47'
- Minimum Panel Length: 6'

Technical Data
Min Roof Slope: 3:12
Hail Resistance: UL2218, Class 4
Fire Resistance: UL790, Class A

An easy to install, two-component design ideal for roof applications requiring curved panels.
**FABRAL SNAP ON BATTEN**

**Panel Specs**
- Solid Substrate Installation Only
- Unlimited Thermal Movement
- Shadow Lines Available
- Tapering Options Available
- Substrate Offering: .032" and .040" Aluminum and 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: 47'
- Minimum Panel Length: 6'

**Technical Data**
- Min Roof Slope: 3:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A

**FABRAL IP SEAM 3**

**Panel Specs**
- Mechanically Seamed Panel
- Factory Applied Sealant
- Substrate Offering: 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: 47'
- Minimum Panel Length: 6'

**Technical Data**
- Min Roof Slope: 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Wind Uplift: UL90, ASTM E1592
  - Results Vary Depending on Gauge and Panel Thickness
- Factory Mutual FM Class I-120 Tested and Approved
Panel Specs
- Snap-Fit Panel
- Factory Applied Sealant
- Substrate Offering: 24 Gauge and 22 Gauge Steel
- Maximum Panel Length: 47’
- Minimum Panel Length: 6’

Technical Data
<p>| | |</p>
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Min Roof Slope</td>
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<tr>
<td>Hail Resistance</td>
<td>UL2218, Class 4</td>
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<tr>
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<td>UL790, Class A</td>
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<tr>
<td>Wind Uplift UL90</td>
<td>#93, 210A</td>
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<td>ASTM E1592</td>
<td>Results Vary Depending on Gauge and Panel Thickness</td>
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<tr>
<td>Factory Mutual FM Class I-90</td>
<td>Tested and Approved</td>
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A snap-fit, trapezoidal panel design for low-slope industrial applications and high-performance, pre-engineered metal buildings.
CONCEALED FASTENER PANELS

Fabral® concealed fastener systems combine dynamic design with functional excellence. These systems include a wide range of profile options and configurations for vertical and horizontal orientations.

**Panel Specs**
- Panel Options Include Multiple Profiles
- Factory Applied Sealant
- Substrate Offering: .032” - .050” Aluminum and 24 Gauge - 18 Gauge Steel
- Maximum Panel Length: 30’
- Minimum Panel Length: 2’
- Mitered Corners Available

**Technical Data**
- **Hail Resistance**: Class 4
- **Fire Resistance**: Class A
- **Air Infiltration**: ASTM E283 0.01 cfm/ft² @ 20 psf
- **Water Penetration**: ASTM E331 No Water @ 20 psf
- **Structural Performance**: ASTM E330

A horizontal concealed fastener system that provides a range of profiles and configurations for architectural, commercial and industrial applications.
Silhouette HCF Series™ Panel Options

Options of one to four ribs and multiple profiles offer ultimate design versatility in a strong, durable wall panel. An interlocking side lap feature hides fasteners and is installed with or without clips.
Panel Specs
- Panel Options Available: 12-R2 (Recommended), 12-R0, 12-W
- For Vertical Use Only
- Perforation Available
- Substrate Offering: .032” and .040” Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45’
- Minimum Panel Length: 4’
- Factory Swedging Available for Endlapping

Technical Data
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Air Infiltration
  - ASTM E283: 0.10 cfm/ft² @ 1.57 psf
  - ASTM E1680: 0.25 cfm/ft² @ 6.24 psf
- Water Penetration
  - ASTM E331: No Water @ 12 psf

A concealed fastener, flush panel design that is suited for monolithic walls, equipment screens, fascia and soffit applications.

Panel Specs
- Panel Options Available: 612-R1 (Recommended), 612
- For Vertical Use Only
- Perforation Available
- Substrate Offering: .032” and .040” Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45’
- Minimum Panel Length: 4’

Technical Data
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Air Infiltration
  - ASTM E283: 0.10 cfm/ft² @ 1.57 psf
  - ASTM E1680: 0.25 cfm/ft² @ 6.24 psf
- Water Penetration
  - ASTM E331: No Water @ 12 psf

A “six up six down” wall panel that requires no panel clips. Ideal for monolithic walls.
Panel Specs
- For Soffit and Fascia Applications Use Only
- Perforation Available
- Substrate Offering: .032” Aluminum and 24 Gauge Steel
- Maximum Panel Length: 12’
- Minimum Panel Length: 6’

Technical Data
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Air Infiltration:
  - ASTM E283: <0.01 cfm/ft² @ 1.57 psf
  - ASTM E283: <0.01 cfm/ft² @ 6.24 psf
  - ASTM E283: <0.10 cfm/ft² @ 20 psf
- Water Penetration:
  - ASTM E331: No Water @ 20 psf
- Structural Performance: ASTM E330

Panel Specs
- Interlocking design with concealed fasteners allows for fast and economical installation
- Fully Vented
- Perforation Available
- Substrate Offering: .032” Aluminum and 24 Gauge Steel
- Maximum Panel Length: 25’
- Minimum Panel Length: 6’

An attractive concealed fastener system ideal for soffit and fascia applications.

A panel system ideal for soffit applications.
EXPOSED FASTENER PANELS

Fabral® exposed fastener metal wall and roof systems will exceed your expectations. The wide range of panels can be curved and installed vertically or horizontally to create endless design possibilities.

Panel Specs
- Vertical and Horizontal Applications
- Mitered Corners Available
- Curving Options Available
- Substrate Offering: .032", .040" and .050" Aluminum and 26, 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45’
- Minimum Panel Length: 6’
- Panel Variations HR-288 and Reverse Run Hefti-Rib I are Available

Technical Data
- Min Roof Slope: 2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Wind Uplift: Class 90, #244
- Air Infiltration: No air penetration @ 20 psf
- Water Penetration: No Water @ 20 psf

Texas Dept of Insurance Approved
**Panel Specs**
- Vertical and Horizontal Applications
- Mitered Corners Available
- Field Curving Options Available
- Substrate Offering: .032", .040" and .050" Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45'
- Minimum Panel Length: 6'

**Technical Data**
- Min Roof Slope: 2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A

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**Panel Specs**
- Vertical and Horizontal Applications
- Mitered Corners Available
- Substrate Offering: .032", .040" and .050" Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45'
- Minimum Panel Length: 6'
- Panel Variation 8" Rib is Available

**Technical Data**
- Min Roof Slope: 2 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A

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For dramatic wall and roof applications, this striking panel design boasts excellent strength and spanning capabilities.

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**Panel Specs**
- Vertical and Horizontal Applications
- Mitered Corners Available
- Substrate Offering: .032", .040" and .050" Aluminum and 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45'
- Minimum Panel Length: 6'
- 35 9/16" Formed Width with 32" Coverage also available
- 35.625 Formed Width with 44" Coverage in unpainted Aluminum only

**Technical Data**
- Min Roof Slope: 2 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A

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An industry standard, these heavy-duty panels are primed for heavy industrial and architectural applications.
Panel Specs
• Vertical and Horizontal Applications
• Mitered Corners Available
• Substrate Offering: .032", .040" and .050" Aluminum and 22, 20 and 18 Gauge Steel
• Maximum Panel Length: 45'
• Minimum Panel Length: 6'

Technical Data
Min Roof Slope 1:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A

Panel Specs
• Vertical and Horizontal Applications
• Mitered Corners Available
• Curving Options Available
• Inverted Panel Option Available
• Substrate Offering: .032", .040" and .050" Aluminum and 22, 20 and 18 Gauge Steel
• Maximum Panel Length: 45'
• Minimum Panel Length: 6'

Technical Data
Min Roof Slope 1:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A
Panel Specs
- Vertical and Horizontal Applications
- Mitered Corners Available
- Curving Options Available
- Substrate Offering: .032", .040" and .050" Aluminum and 26, 24, 22, 20 and 18 Gauge Steel
- Maximum Panel Length: 45'
- Minimum Panel Length: 6'

Technical Data
Min Roof Slope 2 1/2:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A

An economical and versatile wall or roof panel.
Panel Specs
• Vertical and Horizontal Applications
• Mitered Corners Available
• Substrate Offering: .032”, .040” and .050” Aluminum and 26 and 24 Gauge Steel
• Heavier Gauges Available Upon Request
• Maximum Panel Length: 45’
• Minimum Panel Length: 6’
• Panel Variations R-Panel and W-Panel Are Available

Technical Data
Min Roof Slope 1:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A
Wind Uplift
UL580 Class 90, #169
Factory Mutual FM Class I-150
Texas Dept of Insurance Approved

Panel Specs
• Vertical and Horizontal Applications
• Mitered Corners Available
• Substrate Offering: .032” Aluminum and 26, 24 and 22 Gauge Steel
• Maximum Panel Length: 40’
• Minimum Panel Length: 6’

Technical Data
Min Roof Slope 1:12
Hail Resistance UL2218, Class 4
Fire Resistance UL790, Class A
Wind Uplift
UL580 Class 90, #168
Panel Specs
- Vertical and Horizontal Applications
- Mitered Corners Available
- 6’ On Center Rib Spacing
- Substrate Offering: 26 Gauge Steel
- Maximum Panel Length: 45’
- Minimum Panel Length: 4’
- Panel Variation PBU Panel with Purlin Bearing Leg is Available

Technical Data
- Min Roof Slope: 2 1/2:12
- Hail Resistance: UL2218, Class 4
- Fire Resistance: UL790, Class A
- Wind Uplift: UL580, Class 90, #39, 79

An economical commercial and industrial roof and wall panel ideal for light commercial structures and modular buildings.
INTERIOR WALL LINER PANELS

Easy to use wall and roof panels ideal for field-assembled projects requiring insulation.

Panel Specs

• Perforation Available
• Factory Applied Sealant
• Substrate Offering: Consult Fabral® for Availability
• Maximum Panel Length: 45’
• Minimum Panel Length: 6’
• Panel Variation LP-25 and LP-12 (2 1/2” deep liner panel) is available

Technical Data

Hail Resistance  Class 4
Fire Resistance  Class A

Thermal and Acoustical Testing Results Available

FABRAL LP-15 LINER PANEL

Easy-to-use wall and roof panels great for field-assembled projects requiring insulation.
**GENERAL INFORMATION**

**TESTING, SUBSTRATES AND FIELD ASSEMBLED WALL DETAILS**

**Test Reports Include:**
- ASTM E1592 UPLIFT
- ASTM E330 STRUCTURAL FACTORY MUTUAL
- MIAMI DADE APPROVAL
- UL90 UPLIFT RATING
- AIR INFILTRATION
- WATER PENETRATION
- FIREWALL PANELS
- HAIL RESISTANCE
- FIRE RESISTANCE

To learn about these tests, visit Fabral.com.

Consult Fabral® for test results and other test data availability.

**Substrates**
- **GALVALUME®, Grade 50, AZ50 or AZ55 Aluminum-Zinc alloy coating conforming to ASTM A792**
  - 24, 22 and 18 gauge standard for all profiles
  - 20 gauge available for most profiles
  - Acrylic coating standard for unpainted applications
- **Aluminum**
  - .032" Aluminum, Alloy 3105 H14 standard for standing-seam panels
  - .040" Aluminum available for select standing seam profiles
  - .032" and .040" Aluminum, Alloy 3105 or 3004 H36 or equal standard for exposed/concealed fastener panels — .050" available for select profiles
  - Alclad (Alloy 3004 with 7072 cladding) Aluminum available for select profiles
- **Galvanized Steel**, G-90 or Grade 50 conforming to ASTM A653
  - 24, 22 and 18 gauge are standard for most profiles—for 20 gauge please inquire
- **Stainless Steel, Copper, Zinc** - please inquire for availability

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Field Assembled System — Corrugated Liner

Field Assembled System — Flat Liner
SYSTEM COMPONENTS

Georgia Institute of Technology, Atlanta GA, USA featuring Stand ‘N Seam® and Select Series® 12

Hand and Microsurgery Associates, Columbus OH, USA featuring Silhouette HCF Series™ and Deep Rib IV
System Components

Total system means total system. No element is left out. Fabral® provides all the components needed to complete an installation including clips, fasteners, bearing plates, and snow retention products.

System Components
- Underlayment
- Snow Retention System
- Clips and Fasteners
- Mitered Corners
- Flashing, Trim and Edge Metals
Dependable Protection

Fabral® offers two unique varieties of underlayment specifically designed to work with metal roof and wall systems. Underlayment provides protection to the building envelope. The application works to keep moisture and mold growth at bay.

30-Year Peel & Stick

Product Specs
- Watertight Asphalt-to-Asphalt Lap System
- Roll Size: 3' W x 72' L
- Minimum Thickness: 1.1mm
- Square Ft Per Roll: 200

50-Year Synthetic

Product Specs
- Installation Requires Cap Nails
- Roll Size: 4' W x 250' L
- Minimum Thickness: .75mm
- Square Ft Per Roll: 1,000
Snow Retention Systems

The right snow guard patterns are key to your building’s safety. Fabral® can provide custom snow guard spacing and pattern recommendations. Your installation demands dependability you can count on. Fabral® recommends using Surebond Everseal when using adhesive to install snow guards.

These clamp-on snow guards provide options for Standing Seam roof systems. The AP series is ideal for Fabral® Stand ‘N Seam®, Powerseam™, Thin Seam and Slim Seam panels.

Functional for Exposed Fastener roof systems, these surface mount snow guards are the right choice when you want to keep the cost down and design simple.

With many different snow guards and retention systems to choose from, Fabral® can help you find the best match for your application.

Snow Rail snow retention systems offer additional non-penetrating options for Standing Seam roof systems.
CLIPS & FASTENERS

Fabral® offers a variety of clips and fasteners appropriate for any roof and wall panel installation.

Structural Integrity You Can Rely On

Fabral® offers a complete line of clips and fasteners appropriate for any roof or wall panel installation. Each component is constructed of superior quality materials to ensure your design is structurally sound.
MITERED CORNERS

Fabral\textsuperscript{®} mitered corners achieve dynamic designs. Horizontal metal wall panels are specifically engineered to create seamless continuity.

Dynamic Design Continuity

Fabral\textsuperscript{®} mitered corners are mechanically folded to any angle you specify. Structural bonding with a two-part adhesive eliminates transition lines and weld-burn damage for a smooth, continuous panel-line appearance.
FLASHING & TRIM

Fabral® provides the products you need to give your design the finished look you intended. Flashing metals are available in a variety of substrates, profiles and finishes to match or complement your panel system.

Design Distinction

Fabral® flashing, trim and edge metals help you achieve the crisp, finished look you intended. These easy-to-install finishing touches help maintain interior temperatures and provide design distinction.

Fabral® flashing, trim and edge metals are available in a variety of substrates, profiles and finishes to complement any roof and wall system. And if you can’t find the look you need, we’ll work with you to design something that fits.
Fabral’s offering includes gravel stop edge metals and copings in 24 Gauge and 22 Gauge Steel and .040" and .050" Aluminum. Both systems feature retainer cleats, allowing for concealed fasteners and a secure system.

**Edge Metal Offering:**

4 inch

6 inch

8 inch

**Coping Offering:**

16 inch

20 inch

24 inch

* Single 2X parapet cap is also tested and available.
COLORS & FINISHES

Ferrari® World, Yas Islands Abu Dhabi, UAE

Kennesaw State University, Kennesaw GA, USA featuring Thin Seam and 4" Rib

Coleman Park Community Center, Nashville TN, USA featuring Deep Rib II and V-Beam
Colors & Finishes

Unique design options are limitless with Fabral® color offerings. The most requested colors are stocked and ready to go with our standard options. Our specialty selections provide hard to find colors and finishes. And our custom color program means we can deliver any color you specify.

Colors & Finishes
Standard Stocked
Specialty
Custom
COLORS & FINISHES

Your vision for a building is limitless. We like to keep it that way by offering you unmatched color capabilities as unique as your designs.

Multi-Layer Protection

Fabral® incorporates a multi-layer protection process to ensure color coatings withstand the highest demands. A poly-wash backcoat, corrosion-resistant primer and 70% PVDF (Kynar®/Hylar®) resin top-coat promotes long-term color retention, film integrity and performance.

Specially colored require special protection. Durable resin exterior coatings protect bright colors and withstand UV radiation. Premium fluoropolymer coatings containing 70% PVDF resins prolong metallic effects. The process ensures maximum color integrity for years to come.

Coleman Park Community Center, Nashville TN, USA featuring Deep Rib II and V-Beam
Covering the Bases
Fabral® stocks the most requested colors so they are ready to go when you need them. The wide range of colors includes a collection of pearlescent finishes. Most standard stocked colors are LEED compliant and ENERGY STAR® approved.

<table>
<thead>
<tr>
<th>Core Colors</th>
<th>U.S. EPA LEED® compliant for low slope and steep slope.</th>
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<tbody>
<tr>
<td>Colonial Red*</td>
<td>SR: .34 IE: .86 SRI: 35</td>
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<tr>
<td>Brandywine</td>
<td>SR: .26 IE: .85 SRI: 24</td>
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<tr>
<td>Patina Green†</td>
<td>SR: .29 IE: .87 SRI: 29</td>
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<tr>
<td>Classic Green</td>
<td>SR: .26 IE: .84 SRI: 24</td>
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<tr>
<td>Hartford Green*</td>
<td>SR: .10 IE: .82 SRI: 2</td>
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<td>Regal Blue</td>
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<th>IE = Initial Emissivity</th>
<th>SRI = Solar Reflective Index</th>
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<tr>
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<td>SR: .36 IE: .85 SRI: 38</td>
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<td></td>
</tr>
<tr>
<td>Bright SilverΔ</td>
<td>SR: .60 IE: .77 SRI: 68</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SilversmithΔ</td>
<td>SR: .53 IE: .80 SRI: 59</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ChampagneΔ</td>
<td>SR: .37 IE: .83 SRI: 38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bright CopperΔ</td>
<td>SR: .49 IE: .85 SRI: 55</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Δ LEED® compliant for steep slope only.

*All Standard Stocked colors are ENERGY STAR® approved except Hartford Green.
† Featuring a pearlescent mica finish; subject to premium pricing.
‡ LEED® compliant for low slope and steep slope.
§ LEED® compliant for steep slope only.

Colors shown are as close to actual colors as allowed by the printing process. Actual metal samples are available. Colors may appear different when viewed at different angles and under different lighting conditions. Due to product improvements, changes and other factors, we reserve the right to change or delete information herein without prior notice.
Exploring the Spectrum

Fabral® specialty colors provide unlimited options for unique design. The range includes high-performance coatings in a host of colors. A diverse collection of treatments span from self-weathering zinc to brushed and anodized aluminum.

**ANOMAX**

- Anodized Gray Black
- Dark Bronze
- Middle Bronze
- Light Bronze
- Silver Bronze
- Silver

**ALUNATUR**

- Bright TL
- Bright Brushed
- Orange Gold Brushed
- Anodized Brushed
- Titanium Brushed
- Champagne Brushed

**MICA**

- Onyx White Blue
- Pyrite Gold Silver
- Amethyst Purple Gray
- Brilliant Gold Metallic
- Pyrite Copper Orange Gold
- Pyrite Red Green

**ZINC**

- Self-Weathering Zinc

**ANOMAX**: a new and anodized finish
**ALUNATUR**: natural looking finishes
**MICA**: colors that change with lighting
**ZINC**: a self-weathering paint finish
**Limitless Possibilities**

Some designs call for spot on color. Fabral® is ready to tackle the most challenging custom color orders, expertly matching your samples. Beyond color, Fabral® can closely replicate natural materials such as wood and stone on light, formable, maintenance-free aluminum.

**Kennesaw State University, Kennesaw GA, USA**

The university’s personality is highlighted boldly across the stadium’s exterior using custom-matched, team mascot colors. The result is unique and memorable.

**Ferrari® World, Yas Island Abu Dhabi, UAE**

Extreme UV exposure was a challenge for maintaining custom color Ferrari® Red. Fabral® combined four layers of topcoat protection and high-performance pigments to ensure the finish will withstand extreme local weather conditions.

**Finishes**

Fabral® finishes achieve the design details you want. Closely replicate wood or stone or stylized appearances, on light, formable, maintenance-free aluminum.

- **Corten Steel**
  Achieve the worn, distressed coloration of corten steel often sought for contemporary design.

- **Patina Copper**
  The dynamic patina of aged copper can be achieved on easy-to-install aluminum.

- **Wood**
  Gain the versatility of wood in a variety of looks – walnut, oak, beech, cherry and more.
College Park Elementary School, Virginia Beach, USA Featuring Silhouette HCF Series™ and 7/8" Corrugated

Lady Bird Johnson Middle School, Irving TX, USA featuring V-Beam, Select Series™ 12 and Thin Seam

Electronic Theatre Controls, Middleton WI, USA featuring Select Series’ 12 and 7/8″ Corrugated

ENERGY MANAGEMENT
Energy Management

Sustainability is a part of your design. And your designs require cutting-edge products that enhance building performance. Metal is inherently green. It’s durable and easy to recycle. And we’re working with metal in a whole new way using special components like Phase Change Material. Many Fabral® metal panels are ENERGY STAR® approved and can help earn U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED®) points.

Energy Management

Phase Change Material
PHASE CHANGE
A new level in green building. High-performing, energy efficient products designed to easily integrate into Fabral® metal roof and wall panel systems.

Product Benefits
Metal panels bring unmatched durability. Insulation can build R-value into the system. Fabral® technology has gone beyond insulation developing a system integrated with Phase Change Material for maximum energy efficiency and a reduction in energy consumption.

A natural component that easily integrates with Fabral® roof and wall systems, Phase Change Material increases the thermal mass of a building. This significantly regulates the building’s interior temperature reducing the need for heating and cooling by absorbing heat during the day and releasing it at night creating a more efficient energy cycle. The result is a more energy efficient structure.

Product Attributes
- Compounds Liquefy and Solidify at Pre-Set Temperature range
- 100% Recyclable and Biodegradable
- Reduces Overall Energy Use
- Can be Retrofitted
- Non-toxic
- Available for LEED Qualifications

Phase Change Material can be optimized when installed in sheets integrated with metal panels and insulation in a complete metal roofing system.
Leadership in Energy and Environmental Design

Your vision for a building is about more than aesthetics. We get that. Fabral® provides a full range of systems and components that can help earn LEED® points. Our metal roof and wall panels offer superior durability for a more sustainable life cycle. Most substrates are recycled and easily recyclable.

High Definition Coating systems allow many of our colors to reflect a significant amounts of heat away from the structure. Many Fabral® panels have earned ENERGY STAR® approval for energy efficiency.

Recyclable
- Most substrates are made from recycled metal
- Metal panels are easy to recycle
- Recycling 1 ton of steel saves 2500 lbs of iron ore, 1400 lbs of coal and 120 lbs of limestone

Cool Colors
- HD Coatings reflect significant amounts of UV rays
- Many panels are ENERGY STAR® approved
COPPER FABRICATION

The CopperCraft line of architectural sheet metal products include chimney pots, cupolas, dormers, louvers, spires & finials and is available nationwide.

An Impressive Statement

Chimney pots give your design the edge you crave while protecting the interior from pests and water. With a variety of styles, sizes and finishes Fabral® makes an impressive statement.
Architecturally Designed

Fabral® CopperCraft is a high quality architectural sheet metal product offering. CopperCraft combines old world craftsmanship with modern day technology and equipment adding distinct design appeal to any application.
Structural Secondary Framing

Fabral® manufactures a full line of light gauge cold-formed steel sections for use in secondary framing applications. Steel sections provide economic secondary structural framing for pre-engineered metal buildings, carports, canopies, walkway covers, parking covers and eyebrow canopies. They are also used as the primary structural framing of single story mini-storage structures.

Fabral’s manufacturing capabilities produce Zee purlins to symmetrical or asymmetrical designs. Eave Struts can be produced for high and low eaves and are available in single and double slope configuration. Standard purlin punching patterns include A, B, C, G and H web punching which allows for simple span, short lap and long lap conditions. Custom punch patterns and custom shapes are available; please consult your Fabral representative for details.

Structural Member Benefits:
- Made to order
- ASTM A570 and ASTM A653 qualified
- Full range of sizes and shapes
- Wide variety of punch patterns and hole sizes available
- Complete inventory of accessory parts

To learn more about the Structural Members offering, visit Fabral.com.
Product Performance You Can Rely On

You design buildings to stand the test of time. We understand this means you need products you can rely on. We know how our products work and how you use them. And we know what you need to make them last. That’s why we’ve customized our warranty offerings to fit the needs of each product.

- Extensive Product Testing for Performance Insurance
- 30-year Paint Finish Warranty
- Wide Selection of Weathertightness Warranties
- 20-year Corrosion Warranties Available for Galvalume and Aluminum Substrates

30 Year Paint Finish Warranty:
Fabral® provides a twenty (30) year warranty on the paint finish covering chalking, cracking, checking, chipping, blistering, peeling, flaking and fading.

Weathertight Warranty:
Fabral® also offers a weathertight warranty, ensuring total peace-of-mind. Once a project is approved for a weathertight warranty, the project specifications (if applicable) must include the following items and must be purchased from Fabral®.

- Peel and stick underlayment
- Synthetic underlayment and its associated fastener
- Panel associated trim pieces
- Snow retention systems (e.g. snow guards or snow rails) and their associated fasteners
- Panel clips and attachment fasteners

The following products qualify for the Weathertight Warranty:
- Stand N Seam®
- PowerSeam™
- Slim Seam®
- Thin Seam
- 2 1/2" SSR
- IP Seam