TOTAL SYSTEMS
Holistic Building
FULL LINE SYSTEM GUIDE
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 shop for all accessories, underlayment and panel system components, providing everything you need for the total system.

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All Fabral® products are subject to availability. For more information, contact FabralCore™ at 800.884.4484 or Fabral.com
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.

Technical Support
Your idea for a building and what you want to achieve challenges us. Bring us your ideas and our engineers will find a way to make them work.

Customer Care
Have a question? Need a quote? Our Customer Care team is there when you need them, expertly trained to answer your questions.
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
ASTM E330/ASTM E1592 Results Vary Depending on Gauge and Panel Thickness
Air Infiltration
ASTM E283 0.006 cfm/ft² @ 20 psf
ASTM E1680 No air penetration @ 20 psf
Water Penetration
ASTM E331 No Water @ 20 psf
ASTM E1646 No Water @ 20 psf
ASTM E2140 No leakage of standing water
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
• Minimum 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”, .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
UL580
ASTM E1592
Class 90, #274, 274A, 369
24 ga Allowable Load of 48.48 psf @ 2.5’
Air Infiltration
ASTM E283
0.09 cfm/ft² @ 1.57 psf
ASTM E1680
No air penetration @ 20 psf
Water Penetration
ASTM E331
No Water @ 25 psf
ASTM E1646
No Water @ 12 psf

Texas Dept of Insurance Approved
FL approved

An economical, high-performance standing seam peak system. Ideal for installation over solid substrate and open framing.

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
#190, 190B
Air Infiltration
ASTM E283
No air penetration @ 20 psf
ASTM E1680
0.019 cfm/ft² @ 20 psf
Water Penetration
ASTM E331
No Water @ 20 psf
ASTM E1646
No Water @ 20 psf

A classically styled panel designed for durability with batten seams and the heaviest gauges available.
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.
STANDING SEAM 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

A snap-on seam, wide batten design for bolder design effect.

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: #93, 210A
  - ASTM E1592: Results Vary Depending on Gauge and Panel Thickness
- Factory Mutual FM Class I-120 Tested and Approved

A mechanically seamed, trapezoidal panel design for low-slope industrial applications and high-performance, pre-engineered metal buildings.
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
Min Roof Slope: 1/2:12
Hail Resistance: UL2218, Class 4
Fire Resistance: UL790, Class A
Wind Uplift: #93, 210A
ASTM E1592: Results Vary Depending on Gauge and Panel Thickness
Factory Mutual FM Class I-90 Tested and Approved

A snap-fit, trapezoidal panel design for low-slope industrial applications and high-performance, pre-engineered metal buildings.

Holy Family Catholic Church, Woodruff WI, USA featuring Thin Seam
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.

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

FABRAL®
SILHOUETTE HCF SERIES™

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
- 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.
CONCEALED FASTENER PANELS

**FABRAL SELECT SERIES® 12**

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hail Resistance</td>
<td>UL2218, Class 4</td>
</tr>
<tr>
<td>Fire Resistance</td>
<td>UL790, Class A</td>
</tr>
<tr>
<td>Air Infiltration</td>
<td></td>
</tr>
<tr>
<td>ASTM E283</td>
<td>0.10 cfm/ft² @ 1.57 psf</td>
</tr>
<tr>
<td>ASTM E1680</td>
<td>0.25 cfm/ft² @ 6.24 psf</td>
</tr>
<tr>
<td>Water Penetration</td>
<td></td>
</tr>
<tr>
<td>ASTM E331</td>
<td>No Water @ 12 psf</td>
</tr>
</tbody>
</table>

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

**FABRAL SELECT SERIES® 612**

**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**

<table>
<thead>
<tr>
<th>Property</th>
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<tbody>
<tr>
<td>Hail Resistance</td>
<td>UL2218, Class 4</td>
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<tr>
<td>Fire Resistance</td>
<td>UL790, Class A</td>
</tr>
<tr>
<td>Air Infiltration</td>
<td></td>
</tr>
<tr>
<td>ASTM E283</td>
<td>0.10 cfm/ft² @ 1.57 psf</td>
</tr>
<tr>
<td>ASTM E1680</td>
<td>0.25 cfm/ft² @ 6.24 psf</td>
</tr>
<tr>
<td>Water Penetration</td>
<td></td>
</tr>
<tr>
<td>ASTM E331</td>
<td>No Water @ 12 psf</td>
</tr>
</tbody>
</table>

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

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**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’

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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.

[Image of Fabral® exposed fastener metal wall and roof systems]

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**: UL580, Class 90, #244
- **Air Infiltration**: ASTM E283, No air penetration @ 20 psf
- **Water Penetration**: ASTM E331, No Water @ 20 psf
- Texas Dept of Insurance Approved
- Passed AS 4040.3 cyclic strength testing

A panel with superior strength-to-weight ratio and spanning capabilities.

Harvey B. Gantt Center for African American Arts and Culture, Charlotte NC, USA featuring Hefti-Rib®

FABRAL HEFTI-RIB®
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

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

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

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
• 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

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

FABRAL® 1/2" CORRUGATED
An economical and versatile wall or roof panel.

FABRAL® 7/8" CORRUGATED
An economical and versatile wall or roof panel with bold design appeal.
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, #169

A traditional R-Panel design for commercial and industrial roof, wall or fascia.

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, #169

An extremely durable 1 ½” high panel suited for commercial and industrial applications.
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.
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
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
UNDERLAYMENT

Fabral® underlayment provides protection to building envelopes, keeping moisture and mold growth at bay.

Roanoke Market, Roanoke VA, USA featuring Aluminum Coil

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, helping 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.

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, 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.

Holy Family Catholic Church, Woodruff WI, USA featuring Thin Seam

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.

College Park Elementary School, Virginia Beach VA, USA featuring Silhouette HCF Series™ and 7/8” Corrugated
Fabral® mitered corners create dynamic designs. Horizontal metal wall panels are specifically engineered to create seamless continuity.

Dynamic Design Continuity

Fabral® 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.

* West Michigan Aviation Academy, Grand Rapids, MI, USA featuring Silhouette HCF Series™
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

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

Fabral color offerings create endless design options. The most requested colors are stocked and ready-to-go with our standard product offerings. Fabral specialty selections provide hard-to-find colors and finishes. And we can deliver any color you specify through our custom color program.

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 promote long-term color retention, film integrity and performance.

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

### Core Colors

<table>
<thead>
<tr>
<th>Color</th>
<th>SR</th>
<th>IE</th>
<th>SRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colonial Red§</td>
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<td>.86</td>
<td>35</td>
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<td>Brandywine</td>
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<td>Patina Green§</td>
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<td>.81</td>
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<td>Classic Green</td>
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<td>Hartford Green*</td>
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<td>Slate Blue</td>
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<td>Stone Gray§</td>
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<td>.84</td>
<td>37</td>
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<td>.86</td>
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<td>Charcoal§</td>
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<td>Matte Black</td>
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<tr>
<td>Dark Bronze</td>
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<td>.84</td>
<td>24</td>
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<tr>
<td>Mansard Brown§</td>
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<td>.86</td>
<td>29</td>
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<tr>
<td>Medium Bronze§</td>
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<td>Sierra Tan§</td>
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<td>Surrey Beige§</td>
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<tr>
<td>Regal White§</td>
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### Mica Colors†

<table>
<thead>
<tr>
<th>Color</th>
<th>SR</th>
<th>IE</th>
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<tbody>
<tr>
<td>Pewter§</td>
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<tr>
<td>Bright Silver§</td>
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<td>Silversmith§</td>
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<td>Champagne§</td>
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<tr>
<td>Bright Copper§</td>
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<td>.85</td>
<td>55</td>
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</tbody>
</table>

*All Standard Stocked colors are ENERGY STAR® approved except Hartford Green.

* LEED® compliant for low slope and steep slope.

† LEED® compliant for steep slope only.

‡ Featuring a pearlescent mica finish; subject to premium pricing.

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.

<table>
<thead>
<tr>
<th>ANOMAX</th>
<th>ALUNATUR</th>
<th>MICA</th>
<th>ZINC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anodized Gray Black</td>
<td>Bright TL</td>
<td>Onyx White Blue</td>
<td>Self-Weathering Zinc</td>
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<tr>
<td>Dark Bronze</td>
<td>Bright Brushed</td>
<td>Pyrite Gold Silver</td>
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<tr>
<td>Middle Bronze</td>
<td>Orange Gold Brushed</td>
<td>Amethyst Purple Gray</td>
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<td>Light Bronze</td>
<td>Anodized Brushed</td>
<td>Brilliant Gold Metallic</td>
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<td>Silver Bronze</td>
<td>Titanium Brushed</td>
<td>Pyrite Copper Orange Gold</td>
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</tr>
<tr>
<td>Silver</td>
<td>Champagne Brushed</td>
<td>Pyrite Red Green</td>
<td></td>
</tr>
</tbody>
</table>

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, 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

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 MATERIAL
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 to develop a system integrated with Phase Change Material for maximum energy efficiency and reduced 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 to create 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

We know that your vision for a building is about more than aesthetics. 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 significant amounts of heat away from the structure. Many Fabral® panels have earned ENERGY STAR® approval.

Recyclable

• Most substrates are made from recycled metal
• Metal panels are easy to recycle
• Recycling one 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 includes chimney pots, cupolas, dormers, louvers, spires and 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® by CopperCraft offers high-quality sheet metal. 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. Fabral understands you need products you can rely on. 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 be purchased from Fabral® and must include the following items:
- Peel and stick underlayment
- Synthetic underlayment and its associated fastener
- Panel associated trim pieces
- Snow retention systems (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