

FABRAL®



FABRAL®

Fabral.com
800.884.4484

EDUCATION
Smart Building

CHALLENGE the STATUS QUO



Fabral® on EDUCATION

Fabral® is building schools for the 21st century. Gone are the days of energy draining, fluorescent-lit, cement block buildings. Today's young people need – and deserve – smart, healthy, stimulating environments.

Rethink Metal

As the leader in metal building envelope solutions, Fabral® systems have been specified for projects in every commercial building segment. Providing solutions for buildings and firms worldwide is our business.

Lady Bird Johnson Middle School, Irving TX, USA



“Relish a Challenge”

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 leaders in metal 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.



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FABRALCORE™

Projects

Lady Bird Johnson Middle School
Irving TX, USA
Corgan Associates

College Park Elementary School
Virginia Beach VA, USA
Dills Architects

University of Wisconsin Kress Center
Green Bay WI, USA
Kahler Slater Architects & Zimmerman Design Group

Georgia Institute of Technology
Atlanta GA, USA
Knight Architects, Inc.

Appalachian State University
Boone NC, USA
Stafford Consulting Engineers

Kennesaw State University
Kennesaw GA, USA
Rosetti Architects

New Hope School
New Hope AL, USA
B & C Specialties Inc.

Reid State Technical College
Evergreen AL, USA
Anderson & Associates, Inc.

Key West High School
Key West FL, USA
MET Roofing, Inc.



Lady Bird Johnson Middle School, Irving TX, USA

BUILDING AS TEACHER

Lady Bird Johnson Middle School
Irving TX, USA

As the largest Net Zero school in the USA, Lady Bird Johnson Middle School produces more energy than it consumes over a 12-month period. Fabral® products played a key role in the building's sustainability and function. Corgan Associates applied more than 72,000 square feet of Fabral® metal to the roof, walls and a system of sun shades and light shelves. The school has been LEED Gold certified by the United States Green Building Council.

This large canopy wraps around the building to block the hot Texas sun from passing through classroom windows while still allowing natural lighting.



On the building itself, high-efficiency glazing and the increased insulation from the Fabral® metal envelope helps the building to stay tightly insulated from outside elements.



Color Details

Fabral® standard color, Bright Silver was strategically chosen for its reflective properties, helping to reduce heat absorption and enhancing energy efficiency.



Bright Silver

Project Details

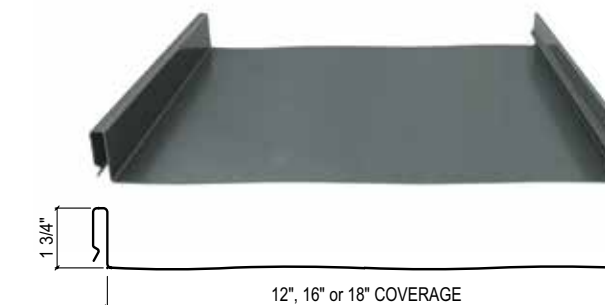
- Largest Net Zero public school in the country, first Net Zero middle school, first Net Zero public school in Texas; 900 students, 152,000 square feet
- Fabral® heavy gauge wall panels used in both 18 and 22 gauge. Heavier gauge panel used at the bottom of the wall to enhance durability

Product Details

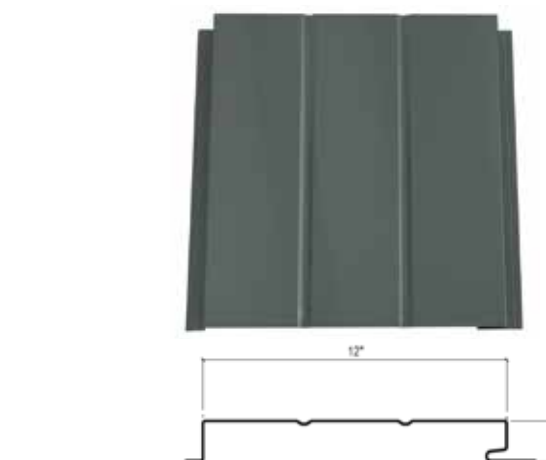
V-Beam



Thin Seam



Select Series® 12-R-2





College Park Elementary School, Virginia Beach VA, USA

Project Details

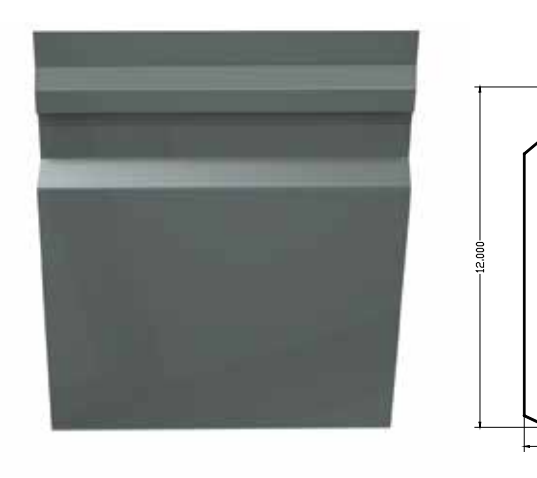
- 94,000 square foot facility will serve as prototype for future schools built in the district
- 10,000 square feet of Fabral® Silhouette HCF Series™ concealed fastener system
- Metal wall panels serve as a rainscreen system, protecting the building for unprecedented energy efficiency
- Corrugated aluminum applied to the wall adds to the contemporary design

Product Details

7/8" Corrugated Aluminum



Silhouette HCF Series™ 12-1



SET THE EXAMPLE

College Park Elementary School Virginia Beach VA, USA

College Park Elementary School is the modern-day model of education facilities. The 94,000 square foot, Net Zero and LEED Platinum certified school serves as a prototype for the Virginia Beach City School District. Dills Architects used Fabral® Silhouette HCF Series™ wall panels in a rainscreen application. This durable exterior cladding resists the abuse of active school children and helps create a tight seal netting unprecedented energy efficiency.

College Park Elementary School operates at a 55% better performance rate than building requirements.



As a rainscreen, metal panels provide a breathable membrane to keep moisture from getting trapped inside the wall. This allows for better energy efficiency and indoor air quality, crucial for education environments.



Color Details

The architect alternated colors in horizontal rows of metal wall panels – Bright Silver, a standard color with custom color, Sierra White.



Bright Silver



Sierra White



Georgia Institute of Technology, Atlanta GA, USA

Project Details

- 88,000 square foot indoor football practice facility
- 80,000 square feet of Stand 'N Seam® standing seam roof system
- On-site fabrication allowed panels to stretch the entire span of the building

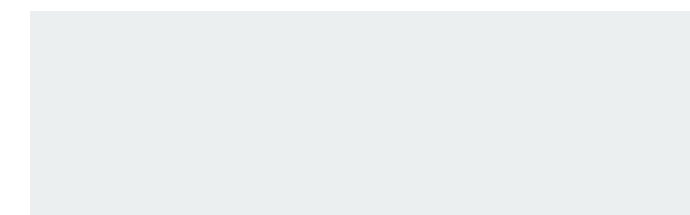
Product Details

Stand 'N Seam®



Color Details

Fabral® standard color, Bone White adds solar reflective properties, reducing the amount of heat absorbed by the structure.



Bone White

GOAL-SETTING PERFORMANCE

Georgia Institute of Technology Atlanta GA, USA

The indoor football facility at the Georgia Institute of Technology combines visual interest and function. The curved roof, instantly recognizable on campus, provides adequate space for athletes to practice inside. Knight Architects applied 80,000 square feet of Fabral® Stand 'N Seam® panels in Bone White to the roof providing superior durability. Fabral® Select Series® 12 concealed fastener panels were used for the soffit also in Bone White.



On-site fabrication allowed the panels to stretch the entire span of the building.

Stand 'N Seam® is a high-performance, structural standing seam roof system ideal for the most demanding applications providing superior wind uplift resistance.





Kennesaw State University Women's Soccer Stadium
Kennesaw GA, USA

SCORE UNIQUE PERSPECTIVE

Kennesaw State University Women's Soccer Stadium Kennesaw GA, USA

The largest women's-only soccer stadium in the world, the Kennesaw State University Women's Soccer Stadium boldly displays team pride with custom-matched Kennesaw Gold finished metal panels. Fabral® custom color options, showcased across the exterior, were expertly matched to the school's mascot. The 16,000 square foot stadium was constructed using Fabral® Thin Seam and 4" Rib panels.

Fabral® custom colors were expertly matched to the university's mascot providing a one-of-a-kind finish.



Rosetti Architects incorporated a geometric shape to the roof using Fabral® Thin Seam panels, paying homage to the surrounding mountain range.

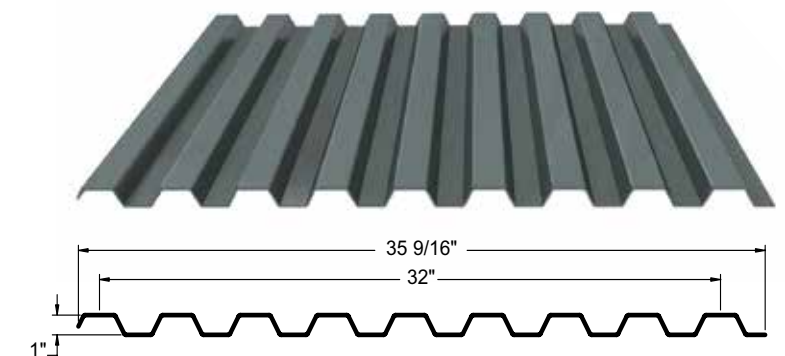


Project Details

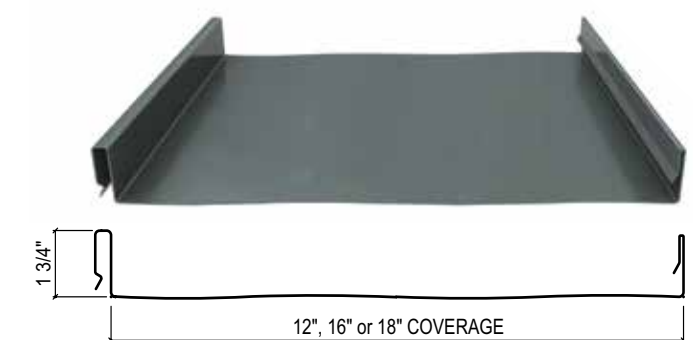
- 16,000 square foot facility and 8.59 acres, considered largest of its kind
- Fabral® Thin Seam and 4" Rib panels create durability and interest in design
- Fabral® custom color offerings expertly matched metal palette to the university's logo showcasing the university's identity

Product Details

4" Rib



Thin Seam



Color Details

Using Fabral® custom color offerings, the university's logo was expertly matched creating a design that is unique and memorable.



Custom Kennesaw University Gold



Custom Kennesaw University Black