

EDUCATIONAL



MBCI Metal Wall and Roof Panels: Producing Intelligent Designs

Learning campuses are often complex structures to design; builders must consider creating educational spaces, sports, and recreational activities. A school architectural design speaks volumes about the curriculum being taught within its structure, and school boards from across the country are taking note.

Completing an educational structure comes with a noticeable price tag, in fact, construction costs for scholastic projects have reached the \$100 billion mark. Such investment creates an efficient space for the future of our nation to learn, it is essential to specify the right building products for the job.

MBCI's metal wall and roof panels play an integral part in developing a modern, high-performing educational environment for today's students. Our products provide educational facilities with quick, economical installation to meet construction deadlines.



MBCI WALL AND ROOF PANELS BENEFITS:

ACCELERATED INSTALLATION

MBCI metal wall and roof panels are designed to increase performance, in addition to enabling faster building completion and lowered construction costs to get a school up and running on time for a new academic year.

A+ CONSTRUCTION MATERIALS

MBCI's high-quality metal building products help to improve the energy efficiency and longevity of educational buildings such as high schools, elementary schools, university buildings, community charter schools and performing arts centers. Our products are environmentally friendly, require little maintenance with a life span of 60+ years and can withstand harsh weather conditions.

AESTHETIC ADVANTAGES

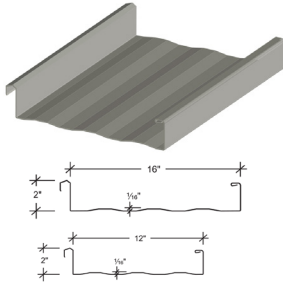
Schools are a source of pride for their local community, so an educational construction's facade should feature a modern, forward thinking outlook. MBCI's metal wall and roof panels come in an array of color palettes and texture to make your next scholastic project something the community can be proud about.

Name: Monarch School
Location: Houston, TX
Products: SuperLok®
Color(s): Galvalume

Architect: Jackson & Ryan
General Contractor: Mission Constructors
Roofing Contractor: Gulf Star Metals

SUPERLOK®

SuperLok is a mechanically field-seamed, vertical leg standing seam roof system that combines a 2" tall slim rib with exceptional uplift resistance. It is available in both 12" and 16" widths. SuperLok has been designed to withstand the most rigorous weather conditions. SuperLok can be installed directly over purlins or bar joists. SuperLok does not require a solid substructure for support.



Product Specifications

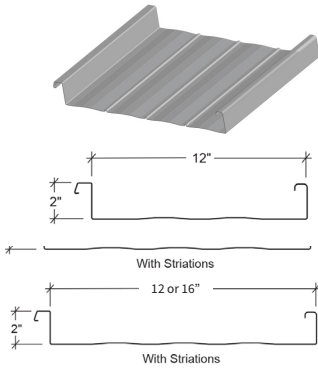
- **Applications:** Roof
- **Coverage Widths:** 12", 16"
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Concealed Fastening System, Low, High (fixed or floating), Utility (no insulation clearance)
- **Gauges:** 24 (standard); 22 and 26 (optional)
- **Texture:** Smooth Striated (standard); Embossed Striated (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

Features and Benefits

- SuperLok panels are standard with striations to minimize oil canning.
- Low and high clips are available to allow for various thicknesses of insulation to be installed between the panels and purlins.
- UL 580 rating is available, as well as UL 790, Class A for external fire, roof assembly for UL 263 for internal fire and the UL 2218 Class 4 impact rating.
- SuperLok carries FM, Florida and Dade County approval ratings.

BATTENLOK® HS

BattenLok HS is a mechanically field seamed, high strength structural standing seam roof system. The panels have a 2" tall vertical seam and are available in both 12-inch and 16-inch widths. BattenLok HS can be installed directly over purlins or bar joists, is capable of transitioning from roof to fascia and does not require a solid substructure for support.



Product Specifications

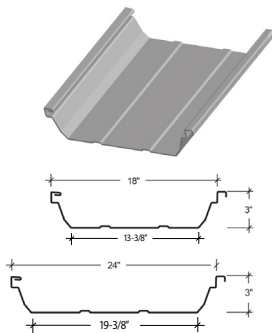
- **Applications:** Roof
- **Coverage Widths:** 12", 16"
- **Minimum Slope:** 1/2:12
- **Panel Attachment:** Concealed Fastening System; Low, High (fixed or floating), Utility (no insulation clearance)
- **Gauges:** 24 (standard); 22 (optional)
- **Texture:** Smooth or Embossed; with Striations or Striations and Pencil Ribs
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

Features and Benefits

- Low and high clips are available to allow for various thicknesses of insulation to be installed between the panels and purlins.
- Heavier gauges, striations, embossing and installation over a solid deck minimize oil canning.
- UL 580 rating is available, as well as UL 790, Class A for external fire, roof assembly for UL 263 for internal fire and the UL 2218 Class 4 impact rating.
- BattenLok® Series carries Florida approval rating.

DOUBLE-LOK®

The Double-Lok roof panel is a mechanically field-seamed, trapezoidal leg standing seam roof system. Double-Lok panels are available in 18" and 24" widths. Double-Lok requires a minimum slope of 1/4:12. Double-Lok panels are ideal for industrial, commercial and architectural applications.



Product Specifications

- **Applications:** Roof
- **Coverage Widths:** 18", 24"
- **Minimum Slope:** 1/4:12
- **Panel Attachment:** Concealed Fastening System; Low, High, and 2" Stand Off Sliding Clips
- **Gauges:** 24 (standard); 22 (optional)
- **Texture:** Smooth (standard); Embossed (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

Features and Benefits

- Copes with the forces of expansion and contraction by allowing panels to freely move up and down the roof slope.
- 2" and 4" sliding clips are available in high and low versions, which allow thermal movement on a wide variety of building widths.
- UL 580 rating is available, as well as UL 790, Class A for external fire, roof assembly for UL 263 for internal fire and the UL 2218 Class 4 impact rating.
- Double-Lok carries FM, Florida and Dade County approval ratings.

For more information on how MBCI metal wall and roof systems can impact your next educational project, visit mbci.com/industries.



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Since 1976, MBCI has partnered with our customers to deliver high-quality metal building components backed by meaningful relationships and trusted performance. With our comprehensive portfolio and end-to-end expertise in building solutions, MBCI supports our customers throughout the project life cycle.

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