

INDUSTRIAL



MBCI Metal Wall and Roof Panels: Producing Energy Efficient and Sustainable Structures

The United States has the largest manufacturing presence of any country in the world, producing 18.2% of goods across the globe. Thanks to a combination of factors, from wage increases overseas to a North American commitment to innovation and through Research and Development investment, more manufacturing plants are moving their production facilities to the United States to make them more viable.

Manufacturing facilities, warehouses and other industrial companies epitomize efficiency, which is why MBCI's exterior metal wall and roof systems are specified to clad these facilities. Unrivaled thermal efficiency and sustainability features work in tandem with countless customization and innovation options to construct the modern world's ideal commercial building.

Industrial facilities require complete operational efficiency in their design, and MBCI's metal wall and roof systems deliver that and more. Toting durable, fully integrated components, full line of trim and accessories with inherent sustainability features, MBCI metal panels completely transform the performance and silhouette of industrial business and warehouse facilities around the nation.



MBCI WALL AND ROOF PANELS BENEFITS

COMPREHENSIVE PRODUCT TESTING

MBCI is committed to an aggressive, independent physical testing program to meet and exceed code requirements on water penetration, uplift ratings, structural performance, energy codes and R-value requisites. MBCI's metal panels have gone through rigorous testing to ensure enhanced performance.

INDUSTRIAL INSTALLATION

With a single panelized component and all-weather installation, MBCI metal wall and roof panels are ideal in the construction of industrial buildings, manufacturing plants and warehouses. MBCI metal wall and roof panels are designed to increase performance, in addition to enabling faster building completion to ensure construction developments are finished before the projected deadline.

OPERATIONAL DURABILITY

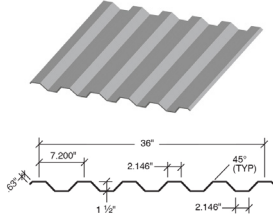
Offering exceptional durability, design flexibility and low-maintenance performance, MBCI's metal building products are ideal for industrial warehouses, manufacturing complexes, research facilities and more. MBCI offers solutions to help achieve LEED standards with the wide array of products and finishes.

Name: Amtrak Maintenance Facility
Location: Seattle, WA
Products: CFR, 7.2 Insul-Rib™
Color(s): Slate Gray

Architect: KBA Architects
General Contractor: CHG Building Systems
Roofing Contractor: CHG Building Systems

7.2 PANEL

When your design calls for a commercial or industrial exposed fastener panel, the 7.2 Panel is an ideal choice. This panel offers versatility and functionality for roofs and walls. The symmetrical rib 7.2 Panel offers excellent spanning and cantilever capabilities, making it an excellent choice for carports and walkway canopies. When used on walls, the 7.2 Panel is typically ordered as “reverse rolled” and can be installed either vertically or horizontally.



Product Specifications

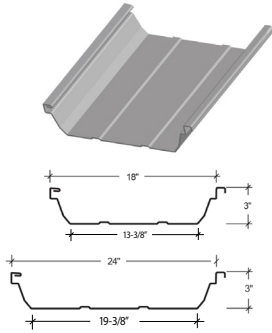
- **Applications:** Roof and Wall
- **Coverage Widths:** 36"
- **Rib Spacing:** 7.2" on center
- **Rib Height:** 1½"
- **Minimum Slope:** ½:12
- **Panel Attachment:** Exposed Fastening System
- **Gauges:** 24 (standard); 29, 26, 22 (optional)
- **Texture:** Smooth (standard); Embossed (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

Features and Benefits

- 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.
- 7.2 Panel 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 ¼:12. Double-Lok panels are ideal for industrial, commercial and architectural applications.



Product Specifications

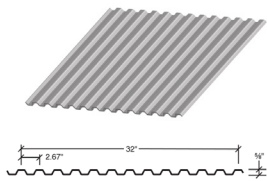
- **Applications:** Roof
- **Coverage Widths:** 18", 24"
- **Minimum Slope:** ¼:12
- **Panel Attachment:** Concealed Fastening System; Low, High, and 2" Stand Off Sliding Clips
- **Gauges:** 24 (standard); 22 (optional)
- **Texture:** Striated (standard); Embossed (optional)
- **Coatings:** Galvalume 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.

PBD

The PBD panel is an exposed fastened panel system that can be used for roof and wall applications. When used in wall applications, panels can be installed vertically or horizontally. The ribs in the PBD panel are symmetrical from top to bottom, which makes this panel ideal as a roof liner.



Product Specifications

- **Applications:** Roof and Wall
- **Coverage Widths:** 32"
- **Rib Spacing:** 2.67" on center
- **Rib Height:** ⅛"
- **Minimum Slope:** 3:12
- **Panel Attachment:** Exposed Fastening System
- **Gauges:** 26 (standard); 29, 24, 22 (optional)
- **Texture:** Smooth (standard); Embossed (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic

Features and Benefits

- Suitable for vertical or horizontal orientation when used in wall applications.

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



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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