



# Grove City Planning Commission

## FINAL DEVELOPMENT PLAN APPLICATION

Please provide the requested information and submit to:

DEVELOPMENT DEPARTMENT  
4035 BROADWAY  
GROVE CITY, OHIO 43123  
614-277-3004

[grovecityohio.gov/development](http://grovecityohio.gov/development)

### PROJECT / PROPERTY INFORMATION

PROJECT NAME: Columbus Jack/Regent Warehouse Facility  
PROJECT LOCATION: Northeast Parcel of intersection of Gantz Road & Southpark Place  
STREET ADDRESS (OR NEAREST INTERSECTION WITH DISTANCE AND DIRECTION)  
PARCEL ID NUMBER: 040-008992-00      ACREAGE AFFECTED BY THIS APPLICATION: 12.278 Acres  
EXISTING ZONING: IND1 - Light Industry      EXISTING LAND USE: Undeveloped  
PROPOSED ZONING: IND1 - Light Industry      PROPOSED LAND USE: 75,000 Industrial Warehouse Facility

### PROPERTY OWNER INFORMATION

Note: Property ownership information is to reflect how the property is held in accordance with the Franklin County Auditor's Office.

Pizzuti Land LLC      629 N High St - Suite 500      Columbus, OH 43215  
Name      Address      City, State, Zip  
(614) 280-4000      (614) 280-5000      prasey@pizzuti.com  
Phone      Fax      Email

### APPLICANT INFORMATION

Note: The applicant is the person(s) or entity seeking approval of this application.

John Carlock      Chief Operating Officer      Quality Products, Inc.  
Name      Title      Company / Organization  
2222 S. Third Street      Columbus      Ohio, 43207  
Address      City      State, Zip  
(614) 443-7492      (614) 827-1396      jcarlock@columbusjack.com  
Phone      Fax      Email

### AUTHORIZED REPRESENTATIVE Check box if same as Applicant:

Note: The authorized representative is the person(s) or entity representing the applicant. As the authorized representative you have the proper authority to speak, represent and make commitments on behalf of the applicant. The City does not take any responsibility for the lack of communication between the authorized representative, applicant or related parties.

Rick White      Project Architect      Red Architecture + Planning  
Name      Title      Company / Organization  
855 Grandview Ave - Suite 295      Columbus      Ohio, 43215  
Address      City      State, Zip  
(614) 487-8770      (614) 487-8777      RWhite@redarchitects.com  
Phone      Fax      Email

Architect  
Relationship to the Applicant: (e.g. legal counsel, engineer, architect, land planner, contractor, etc.)

### SUBMITTAL REQUIREMENTS

Instructions: All blanks/boxes must be completed or checked in order for the application submittal to be considered complete. The Engineering Review Fee is calculated in accordance with the City's [Fee Recovery Policy](#). The submittal shall include the required number of copies (properly folded and collated) and contain all required supplementary documentation. Submitted materials shall be accurate, measurable and shall address all required checklist items contained within the attached supplemental requirements.

Fee Calculation		Submittal Items	(check box)
Application Fee:	\$ 300.00	Completed Application (signed and notarized):	<input checked="" type="checkbox"/>
Engineering Review Fee:	+ \$ 1060	Submittal Fee (including engineer review fee):	<input checked="" type="checkbox"/>
Total Submittal Fee:	= \$ 1360.00	Ten (10) copies of plans (folded and collated):	<input checked="" type="checkbox"/>

**PROPERTY OWNER AUTHORIZATION OF APPLICANT SUBMITTAL AND SITE VISIT(S)**

I Scott B. West, Executive Vice President of, the current property owner hereby authorize the applicant Sohn Carlock/Quality Products, Inc. to submit this application. I agree to be bound by all representations and agreements made by the applicant and/or their authorized representative.

Additionally, as the current property owner, knowing that site visits to the property may be necessary, I hereby authorize City representatives to visit and/or photograph the property described in this application.

Signature of Current Property Owner: *Scott B. West* Date: 11/7/16

**STATE OF OHIO, COUNTY OF FRANKLIN**

The above individual(s), being first duly sworn, deposes on oath and says that he/she has read the foregoing affidavit subscribed by him/her, knows the contents thereof, and that the statements therein are true.

SUBSCRIBED AND SWORN TO before me this 7<sup>th</sup> day of November, 2016  
*Laura Lettrey*  
 Official Seal and Signature of Notary Public



**APPLICANT'S / AUTHORIZED REPRESENTATIVE'S AFFIDAVIT**

I Rick White, the applicant or authorized representative, have read and understand the contents of this application. The information contained in this application, attached exhibits and other information submitted is complete and in all respects true and correct, to the best of my knowledge and belief.

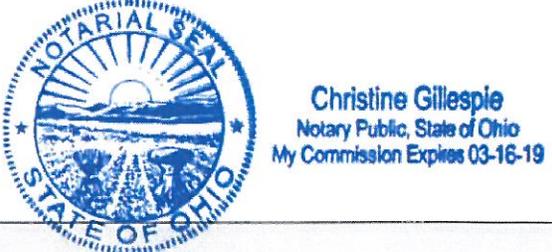
Signature of Applicant or Authorized Representative: *Rick C. White* Date: NOV 7, 2016

**STATE OF OHIO, COUNTY OF FRANKLIN**

The above individual(s), being first duly sworn, deposes on oath and says that he/she has read the foregoing affidavit subscribed by him/her, knows the contents thereof, and that the statements therein are true.

SUBSCRIBED AND SWORN TO before me this 7<sup>th</sup> day of November, 2016.

*Christine Gillespie*  
 Official Seal and Signature of Notary Public



FOR OFFICE USE ONLY		
DATE RECEIVED: <u>11-7-16</u>	RECEIVED BY: <u>MH</u>	PAYMENT AMOUNT: <u>\$1,360.00</u>
TENTATIVE PC MEETING DATE: <u>12/6/16</u>	PC RECOMMENDATION:	CHECK NUMBER: <u>13524</u>
PROJECT ID NUMBER: <u>201611070079</u>	CITY'S REVIEW ENGINEER:	



PLEASE SUBMIT THE FOLLOWING FOR INITIAL STAFF REVIEW: All plans shall be stapled, folded and properly collated. In addition, staff may later request plans that incorporate review comments.

- One (1) original, signed application and nine (9) copies
- Appropriate fee (\$300 plus applicable engineering fees – see [Fee Recovery Policy](#))
- Ten (10) copies of the project narrative describing the nature of the project
- One (1) electronic copy of all application materials submitted on CD or DVD – all electronic data shall be compatible with Adobe Reader 5.0 or later
- Ten (10) copies of a metes and bounds legal description and survey of the property
- N/A Ten (10) copies (sheet size 8½ x 11) of the proposed Development Standards Text (if applicable)
- If applicable, nine (9) copies (sheet size 24 x 36) and one (1) copy (sheet size 8½ x 14) of the following scaled plans showing:
  - a. Cover Page with signature block (see image below)
  - b. Site Plan
  - c. Grading Plan
  - d. Landscape Plan
  - e. Irrigation Plan
  - f. Utility and Stormwater
  - g. Photometric Plan
  - h. Tree Survey
  - i. Demolition Plan
  - j. Site Details

City Administrator	
Service Director	
Review for the City of Grove City	
Fire Department Jackson Township	

- If applicable, nine (9) copies (sheet size 11 x 17) and one (1) copy (sheet size 8½ x 14) of scaled drawing showing:
  - a. Location of sign(s) and sign type (wall, ground, projecting or window)
  - b. Sign dimensions, including letter sizes and proposed distance from sign to grade
  - c. Copy layout and lettering styles (fonts) of signage
  - d. Materials and manufacturer to be used in fabrication
  - e. Total area of sign face (including frame)
  - f. Type of illumination
- If applicable, nine (9) scaled, architectural elevations (sheet size 11 x 17) and one (1) copy (sheet size 8½ x 14) with proposed colors and finish materials noted
- If applicable, two (2) copies of the preliminary stormwater calculations stamped by professional engineer
- Finish material/color samples board (swatches, photos, plans or product specifications)
- Ten (10) copies (sheet size 8½ x 11) of materials detail sheet listing material, manufacturer and color for all proposed exterior materials
- N/A If applicable, ten (10) copies of a traffic study indicating potential traffic generation for the proposed site
- Please note the following:** Twenty (20) additional copies of revised submittals are required for the Planning Commission hearing

For additional information, contact the Grove City Development Department at 614-277-3004 or visit our website at [www.grovecityohio.gov/development](http://www.grovecityohio.gov/development).

## **Columbus Jack/Regent – Warehouse Facility**

**PID: 040-008992-00**

### **Project Narrative**

#### Company History

In 2001 Columbus Jack was acquired by Quality Products, Inc., a company with extensive experience in manufacturing of hydraulic machinery. In 2006, Regent Manufacturing was purchased and operations were relocated and consolidated with Columbus Jack in Columbus, Ohio. Columbus Jack was founded in the early 1940s with most of its production going to the U.S. military to meet the demands of the Korean conflict. The need to consistently comply with the tough military standards created a culture of product quality that has remained with the company to this day.

Regent has served the international aviation industry since 1929. Their customer list has included most of the world's airlines, airframe and aerospace manufacturing companies, as well as a number of military and government clients. Regent has participated in almost every major domestic and international aircraft and aerospace program since the beginning of World War II.

Today Columbus Jack/Regent is the largest supplier of hydraulic jacks to the U.S. Defense Department. Their line of ground support equipment has grown to service all kinds of commercial, business and civilian aircraft as well. The company's products are hard at work at airports and government installations around the world.

#### Project Description

New build facility for Columbus Jack/Regent (CJ) manufacturer of ground support equipment for commercial and government airline maintenance operations. The facility will represent the future of the business, incorporating existing manufacturing processes into an environment that utilizes state of the art technology and building methods to add long term value to the investment.

CJ's manufacturing operations include: machining, welding, sand blasting, painting, hi-bay and low-bay assembly and testing, tooling inspection, parts warehouse, material storage, staging areas, dock and truck lot area, maintenance support, manufacturing, shipping, and management offices, and automobile parking. Within the facility there will be a separate area for QPI MultiPress machining manufacturing operations; approximately 10,000 SF. Future growth will be incorporated in the facility planning. The estimated area for the enclosed facility, not including future growth, is approximately 75,000 SF.

The project is located at the northeast corner of the intersection of Gantz Road and Southpark Place. The property is a 12.28 acre undeveloped piece of land within a developed area. The parcel is zoned IND-1 – Light Industry.

Site improvements to include construction of a 75,000 SF industrial warehouse facility with associated access drives (passenger vehicles & semi-trailer), parking lot, and loading dock. Stormwater management for the development will be incorporated into a wet detention basin with associated storm sewers, outlet control structure, and vegetated areas with landscaping features.

**Columbus Jack/Regent – Warehouse Facility**

**PID: 040-008992-00**

**Metes & Bounds Legal Description**

Situated in the State of Ohio, County of Franklin and City of Grove City:

Being known as Lot Number Three (3) of the Resubdivision of a Part of Lot 13 and a Part of Lot 14 of SOUTHPARK, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book 71, Page 31 and 32 and in Plat Book 82, pages 3 and 4, Recorder's Office, Franklin County, Ohio.

Containing 12.278 acres, more or less.

Parcel ID: 040-008992

Known As: 0 Southpark Place, Grove City, Ohio

Designing for the Future



# ARCHITECTURAL Design Solutions





PROJECT: Syracuse High School LOCATION: Syracuse, UT PANEL PROFILE: 7.2 Panel & Artisan® Series COLOR: Silver Metallic & Black Metallic

# Product Application Chart & Index

	ROOF SYSTEM	FACADE SYSTEM	EXTERIOR WALL	INTERIOR WALL LINER	CANOPY ROOF SYSTEM	SOFFIT SYSTEM	CURVED ROOFS	EQUIPMENT SCREENS	FRAMING SYSTEMS	PAGE NUMBER
VERTICAL LEG SSR	■									8
TRAPEZOIDAL SSR	■									10
CURVED BATTENLOK						■				9
INSULATED ROOF PANELS	■									12
INSULATED WALL PANELS			■							13
7.2 PANEL	■	■	■				■			24
CRAFTSMAN™	■	■				■				18
FW-120		■	■		■		■			19
IL				■						20
SHADOWRIB™		■	■				■			19
NUWALL®		■	■				■			19
DESIGNER® SERIES		■	■				■			18
MASTERLINE 16			■	■			■			19
QWIKLOK™				■	■					21
CLASSIC®				■	■					21
ARTISAN®			■		■					22
FLEXLOC®	■				■	■	■			22
LITEFRAME®								■		26
NUROOF®								■		28

*MBCI has earned its reputation as one of the nation's leading suppliers of preformed metal for roofs, walls, mansards and soffits by providing the highest quality building components and service in the industry.*

This Product Application Chart is for general reference only. Not all panels, gauges and widths should be used for these applications. Please call MBCI for the best product for your specific application.

Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. In a continuing effort to refine and improve products, MBCI reserves the right to discontinue products at any time or change specifications and/or designs without incurring obligation. To ensure you have the latest information available, please inquire or visit our website at [www.mbc.com](http://www.mbc.com). Application details are for illustration purposes only and may not be appropriate for all environmental conditions, building designs or panel profiles. Projects should be designed to conform to applicable building codes, regulations and accepted industry practices. If there is a conflict between this manual and project erection drawings, the erection drawings will take precedence. MBCI's insulated metal panel product line is manufactured by Metl-Span.

# STIMULATE YOUR IMAGINATION

WITH MBCI'S BROAD SPECTRUM OF PANEL OFFERINGS, DESIGN OPPORTUNITIES ARE EXPONENTIAL. PRODUCT OFFERINGS RANGING FROM SINGLE SKIN ROOF AND WALL PANELS TO INSULATED METAL PANELS, SOLUTIONS FOR NEW AND RETROFIT CONSTRUCTION, COATINGS IN A BREADTH OF COLORS AND APPLIED FINISHES PROVIDE YOU INSPIRATION TO **DESIGN YOUR MASTERPIECE.**

## THE MBCI ADVANTAGE

Since 1976, MBCI has been dedicated to providing our customers with the highest quality products and excellent service from our skilled professionals. MBCI is the industry-leading manufacturer of metal roof and wall systems, supplying products to the architectural, institutional, commercial, industrial, residential and agricultural markets. MBCI has facilities positioned strategically throughout the United States to best serve our customers.

*The industry-leading manufacturer  
of metal roof and wall systems.*

STIMULATE YOUR  
IMAGINATION

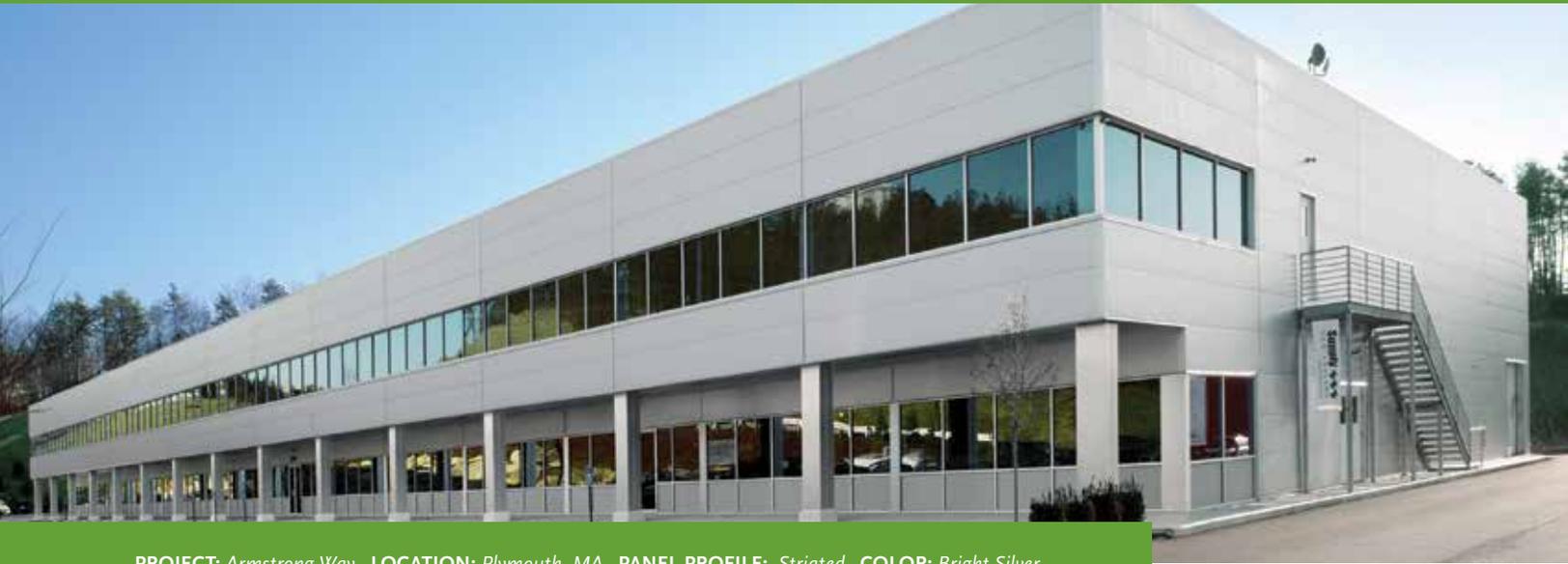


**PROJECT:** Fujisawa Healthcare Inc. **LOCATION:** Grand Island, NY **PANEL PROFILE:** CF Architectural/Horizontal **COLOR:** Silver Metallic

# Insulated Metal Panels

MBCI's insulated metal panels, manufactured by Metl-Span, deliver both attractiveness and energy-efficiency to a building's design. As building and energy codes become increasingly more stringent, insulated panels are particularly advantageous in achieving sustainable design and code compliance.

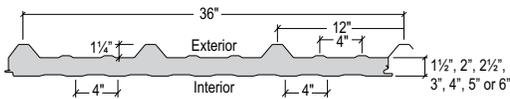
Insulated metal panels (IMPs) present many advantages for building owners, designers and contractors, including improved thermal performance, excellent insulating capabilities, reduced building operational expenses, accelerated construction schedules, earlier business starts and much more. Available in a wide variety of panel profiles, colors and applied finishes, IMPs are ideal for architectural, commercial, industrial and institutional applications.



PROJECT: Armstrong Way LOCATION: Plymouth, MA PANEL PROFILE: Striated COLOR: Bright Silver

## LS-36™

The versatility of the LS-36™ panel offers a multitude of design options and can be utilized for roof or wall applications. The standard exterior skin is smooth but can be embossed if requested, while the interior skin is roll-formed with our standard stucco-embossed Mesa profile.

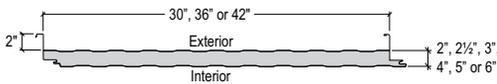
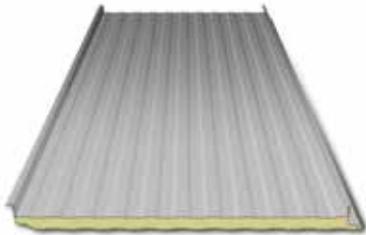


### Product Specifications

- **Applications:** Roof and Wall
- **Gauges:** Exterior: 26, 24, 22 | Interior: 26, 24, 22
- **Width:** 36"
- **Thicknesses:** 1½", 2", 2½", 3", 4", 5", 6"
- **Length:** Recommended maximum of 50'
- **Panel Attachment:** Exposed Fastening System
- **Standard Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic, Applied Finishes (wall application only)

## CFR

CFR is an insulated metal standing seam roof panel and is the newest innovation in all-in-one composite roof panel design, combining durable interior and exterior faces with an unmatched polyurethane core. The CFR panel is a truly unique answer to many deficiencies common with more traditional roofing materials of the past.

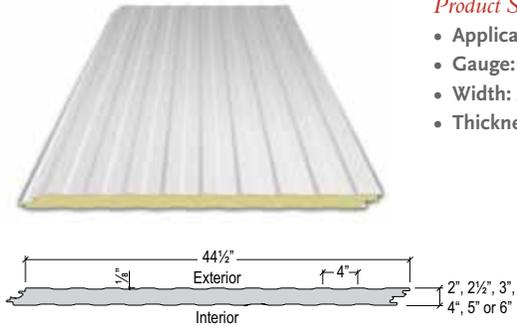


### Product Specifications

- **Applications:** Roof
- **Gauges:** Exterior: 24, 22 | Interior: 26, 24, 22
- **Width:** 42" (standard); 30", 36" (optional)
- **Thicknesses:** 2", 2½", 3", 4", 5", 6"
- **Length:** Recommended maximum of 50'
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Galvalume Plus®, Signature® 200, Signature® 300

## CF45 PARTITION WALL

The CF45 Partition Wall panel is the optimal choice for interior partitions. The interior and exterior panel faces are identical images with the same profile for each. This panel is available in a width of 44½", and the profiles have ¼" ribs that are four inches on center.

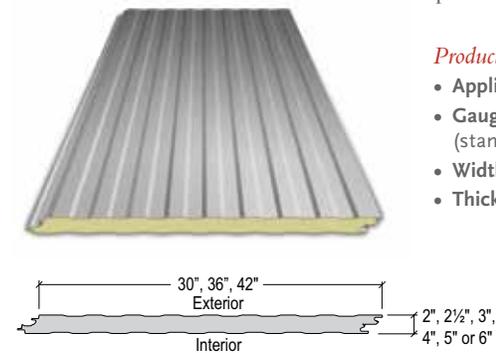


### Product Specifications

- **Applications:** Wall (interior only)
- **Gauge:** 26, 24, 22 (both surfaces)
- **Width:** 44½"
- **Thicknesses:** 2", 2½", 3", 4", 5", 6"
- **Length:** Recommended maximum of 50'
- **Panel Attachment:** Tongue-and-Groove with Exposed Fasteners
- **Standard Coating:** Iglloo White

## CF MESA

The CF Mesa panel is designed for exterior wall applications, interior wall partitions and interior ceilings. The lightly corrugated profile on both faces of the panel carries symmetry from the building's exterior through its interior, and from room to room in partition installations. This panel is most commonly used for commercial applications.

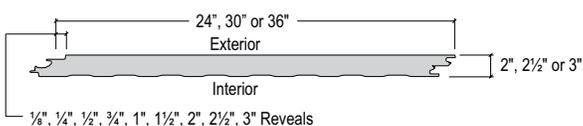
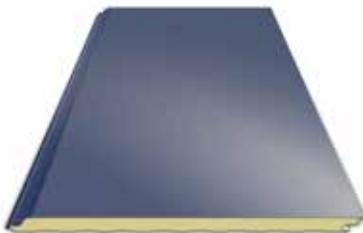


### Product Specifications

- **Application:** Wall (vertical)
- **Gauges:** Exterior: 26, 24, 22 | Interior: 26 (standard); 24, 22 (optional)
- **Widths:** 30", 36", 42"
- **Thicknesses:** 2", 2½", 3", 4", 5", 6"
- **Length:** Recommended maximum of 50'
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Signature® 200, Signature® 300, Signature® 300 Metallic, Applied Finishes

## CF ARCHITECTURAL & CF ARCHITECTURAL/HORIZONTAL

The CF Architectural (vertical) and CF Architectural/Horizontal wall panel employs a flat appearance providing a monolithic look that is great for high-profile architectural applications. The panel allows designers to mix multiple panel widths and colors on the same wall. It also allows flexibility for continuous corners along with a complete line of aluminum extrusions and accessories to complete the wall system. When desired, these panels can also be mixed with vertical or horizontal panels to achieve almost any look a design requires, and can be used in vertical or horizontal applications.

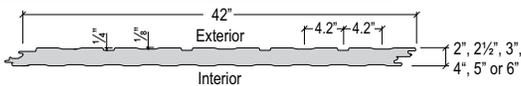
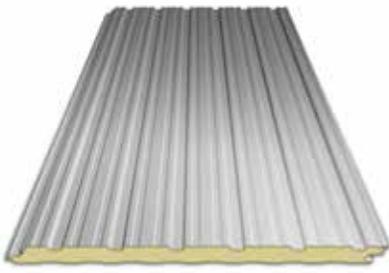


### Product Specifications

- **Application:** Wall (vertical and horizontal)
- **Gauges:** Exterior: 22 | Interior: 26 (standard); 24, 22 (optional)
- **Widths:** 24", 30", 36"
- **Thicknesses:** 2", 2½", 3", 4" (available for vertical)
- **Reveal Options (horizontal):** ⅛" (standard); ¼", ½", ¾", 1", 1½", 2", 2½", 3" (optional)
- **Length:** Recommended maximum of 32' for vertical and 24' for horizontal
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Signature® 300, Signature® 300 Metallic

## CF FLUTE

The traditional styling and distinct vertical lines of the CF Flute panel are ideal for custom-designed or conventional building construction, especially commercial and industrial applications, as well as cold storage. The interior skin employs a stucco-embossed Mesa profile.



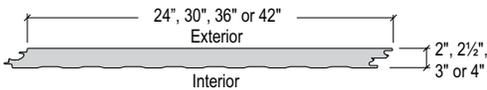
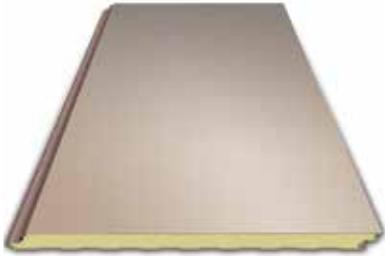
### Product Specifications

- **Application:** Wall (vertical)
- **Gauges:** Exterior: 26, 24, 22 | Interior: 26 (standard); 24, 22 (optional)
- **Width:** 42"
- **Thicknesses:** 2", 2½", 3", 4", 5", 6"

- **Length:** Recommended maximum is 50'
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Signature® 200, Signature® 300, Signature® 300 Metallic

## SANTA FE®

The Santa Fe® exterior skin has a flat exterior profile with an Aztec-embossed pattern resembling old-world hand plaster. The interior skin employs a stucco-embossed light Mesa profile.



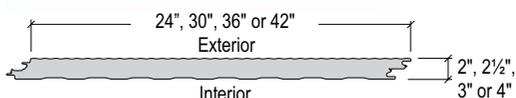
### Product Specifications

- **Application:** Wall (vertical or horizontal)
- **Gauges:** Exterior: 24, 22 | Interior: 26 (standard); 24, 22 (optional)
- **Widths:** 24", 30", 36", 42"
- **Thicknesses:** 2", 2½", 3", 4"

- **Length:** Recommended maximum is 40'
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Signature® 200, Signature® 300, Signature® 300 Metallic, Applied Finishes

## STRIATED

The exterior skin of the Striated panel is profiled with minor striations, giving it a flat look and providing a linear appearance while blending with the panel side joints. This panel is an excellent alternative to typical flat wall panels. The interior skin has a stucco-embossed light Mesa profile.

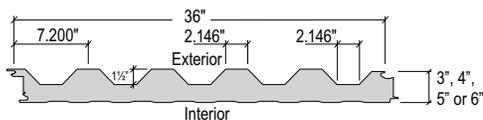
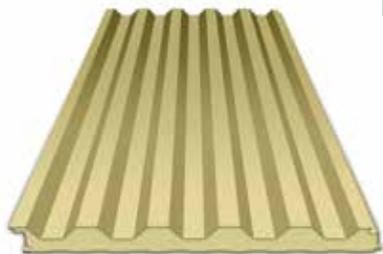


### Product Specifications

- **Application:** Wall (vertical or horizontal)
- **Gauges:** Exterior: 24, 22 | Interior: 26 (standard); 24, 22 (optional)
- **Widths:** 24", 30", 36", 42"
- **Thicknesses:** 2", 2½", 3", 4"

- **Length:** Recommended maximum is 32' for 42" width, and 40' for 24", 30" and 36" widths
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Signature® 200, Signature® 300, Signature® 300 Metallic, Applied Finishes

## 7.2 INSUL-RIB™

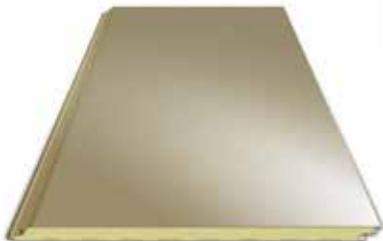


The 7.2 Insul-Rib™ panel combines a traditional 7.2 rib panel design with a premier polyurethane foam core. This panel can be installed both vertically and horizontally, allowing architects the same design flexibility that is available with our single skin 7.2 Panel (page 24).

### Product Specifications

- **Application:** Wall (vertical or horizontal)
- **Gauges:** Exterior: 26, 24, 22 | Interior: 26, 24, 22
- **Width:** 36"
- **Thicknesses:** 3", 4", 5", 6"
- **Length:** Recommended maximum of 40'
- **Panel Attachment:** Offset double tongue-and-groove with extended metal shelf for positive concealed face fastening
- **Standard Coatings:** Signature® 200, Signature® 300, Signature® 300 Metallic

## TUFF WALL® / TUFF-CAST™



The Tuff Wall® and Tuff-Cast™ panels are designed for exterior applications where an aggregate look is preferred. The exterior skin of the panel is embossed flat, while the interior skin has the embossed light Mesa profile. Tuff Wall® has a finish similar to stucco, providing the masonry look many designers and communities desire. The Tuff-Cast™ exterior is finished with look of precast concrete.

### Product Specifications

- **Application:** Wall (vertical and horizontal)
- **Gauges:** Exterior: 24, 22 | Interior: 26, 24, 22
- **Widths:** 36", 42"
- **Thicknesses:** 2", 2½", 3", 4"
- **Length:** Recommended maximum is 38'
- **Panel Attachment:** Concealed Fastening System
- **Standard Coatings:** Applied Finishes only



# Concealed Fastening Systems





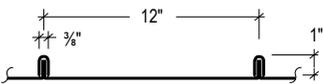
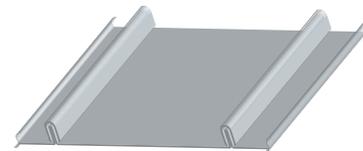
## CRAFTSMAN™ SERIES

The Craftsman™ Series is a snap-on batten roof system, available in narrow, wide and high profiles: small (SB), large (LB) and high batten (HB).

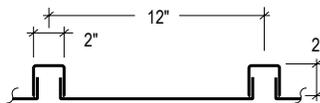
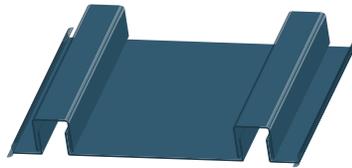
The Craftsman™ Series is a water-shedding system and can be used for roofs and fascias only when installed over a water-proofed solid substructure with a minimum roof slope of 3:12. The Craftsman™ Series design makes complicated building transitions simple without the necessity of flashings. Slope changes from roof to fascia to soffit can be made with one continuous pan and batten.

### Product Specifications

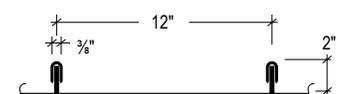
- **Application:** Roof, Fascia
- **Coverage Widths:** 12", 16½"
- **Minimum Slope:** 3:12
- **Panel Attachment:** Concealed Fastening System
- **Gauges:** 24 (standard); 22, 26 (optional)
- **Finishes:** Smooth (standard); Striated (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic



SB-12



LB-12



HB-12

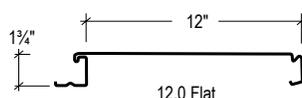
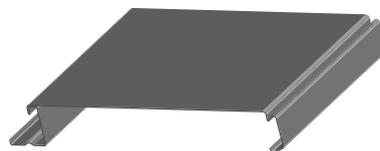
## DESIGNER™ SERIES

The Designer™ Series panels provide the toughness of metal while creating an attractive, flexible and functional wall or fascia panel. The Designer™ Series is offered in fluted and flat panels, which are equally effective for new construction or retrofitting existing buildings.

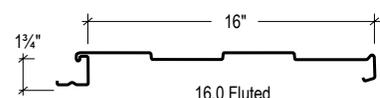
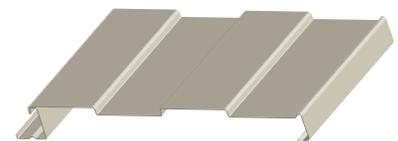
If your design calls for a smooth or flat wall or fascia, look to the Designer™ Series 12.0 Flat Panel, which offers a 1¾-inch deep leg providing the perfect cavity for rigid board insulation.

### Product Specifications

- **Application:** Wall
- **Coverage Widths:** 12" (flat), 16" (fluted)
- **Panel Attachment:** Concealed Fastening System
- **Gauges:** 24 (standard); 22 (optional)
- **Finishes:** Smooth (standard); Embossed (optional)
- **Coatings:** Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic



12.0 Flat



16.0 Fluted



# Service That Makes a Difference

MBCI was founded on its commitment to service. The additional effort from our staff sets MBCI apart from the competition. MBCI's Project Service team is staffed and prepared to provide professional assistance to the architectural and contracting communities. From the initial project concept, Project Services will assist in developing budget criteria and product selection as well as estimating and shop drawings.



**AIA  
CONTINUING  
EDUCATION**

MBCI's educated sales personnel are authorized to conduct AIA Continuing Education classes for the many courses we offer. Contact us by phone or through our website to schedule a meeting or lunch-and-learn today.

**CERTIFIED  
INSTALLER  
PROGRAM**

The MBCI Certified Installer courses cover every aspect of putting our sophisticated systems on your roof, from materials and handling, weathertightness and technical requirements to installation steps and specific detail conditions.

**SINGLE SOURCE™  
WARRANTY**

When you specify one of MBCI's Single Source™ Warranties, you can have confidence that your project will be covered by the most comprehensive warranty available. MBCI will conduct timely inspections to guarantee that the approved details are being used and the roof is being properly installed. Any discrepancies found during these inspections that would prevent issuance of the warranty will be quickly brought to the architect's attention. Should a leak occur after the warranty has been issued, the owner can rely on MBCI to handle.



PROJECT: Lester E. Palmer Events Center LOCATION: Austin, TX PANEL PROFILE: SuperLok® COLOR: Galvalume Plus®

## GREEN BUILDING BENEFITS

MBCI's metal panels are energy efficient, recyclable, durable, lightweight and cost-effective. Our panels are comprised of 25 percent to 35 percent recycled materials and our single skin panels are virtually 100 percent recyclable.

Cool metal roofing provides energy savings, offering both economical and environmental benefits. As a proud ENERGY STAR® Partner, our cool roof colors have reflectivity performance that met ENERGY STAR criteria for roof pitches greater than 2:12.

Our insulated metal panels (IMPs) have high R-values, which provide superior thermal performance and reduced energy consumption, allowing for smaller greenhouse gas emissions and reduced energy costs for building owners. IMPs also mitigate thermal drift, which is common when using unfaced polyisocyanurate rigid board insulation.

IMPs qualify as continuous insulation (ci) where required by the International Energy Conservation Code® (IECC) and ASHRAE 90.1. This allows for insulation to be free from significant thermal bridging. And, because of their unique self-sealing side joints, IMPs also function as an important part of a Continuous Air Barrier (CAB) system.

## TRIM & FLASHING

All trim and flashing is available in the same gauge and finish as our panel offerings. A complete selection of standard trim and made-to-specification flashing in lengths up to 20 feet, three inches is available upon request. All flashing is designed to minimize exposed fasteners.

## TECHNICAL INFORMATION

MBCI conforms to industry-accepted metal and finish coating standards. Physical properties are available upon request. MBCI is committed to an aggressive, independent physical testing program to continually comply with guidelines on water penetration, uplift ratings and structural performance.

## MATERIALS & COATINGS

The base metal is 22-, 24- or 26-gauge steel manufactured from either high-strength Galvalume® produced to ASTM A792/A792M-AZ50 or AZ55, Grade 50 or HDG produced to ASTM A653/A653M-G90 structural aluminum. Finishes include baked enamel, urethane and Plastisol. All materials are available smooth or stucco-embossed.

All metal architectural panels have wide, flat surfaces to meet the demands of today's design. While MBCI has recognized and responded to this requirement, we have a responsibility to advise that a wide and perfectly flat appearance is not always possible. In some wide products, panel distortion—called oil canning—may occur and require additional aesthetic tolerance and/or additional support behind the panel face. Heavier gauges, narrower widths, striations and embossing minimize oil canning.

## PAINT FINISHES

MBCI offers one of the largest color selections in the industry. Each of our paint colors qualifies as a cool roof on sloped roofs above 2:12. Our applied finishes work as an excellent alternative to masonry or tilt-wall construction and are available on our insulated metal panels.

### SIGNATURE® 300/SIGNATURE® 300 METALLIC

This fluorocarbon paint system combines ceramic pigmentation with polyvinylidene fluoride (70 percent of resin solids) for a superior, long-lasting finish. Outstanding performance and durability are achieved through this proprietary resin technology. Signature® 300 is recognized as providing unsurpassed performance in critical areas such as color retention, film erosion rate and chemical resistance.

### SIGNATURE® 200

Signature® 200 is a thermoset coating system composed of polyester resin modified by copolymerization with a functional silicone resin intermediate. With high quality ceramic pigmentation, Signature® 200 offers optimum exterior protection plus superior resistance to chemical corrosion and ultraviolet radiation. Signature® 200 represents the most sophisticated silicone polyester coating system in the industry.

## PAINT WARRANTIES

Forty-year limited paint warranties are available upon written request and project qualification for all paint colors except Brite Red, which has a 25-year warranty. A 10-year warranty is available for applied finishes. (Outside the continental United States, please inquire.)

