Long Bay® Purlin with Standing Seam Roof Panel

Starting Rake Condition (On-Module)

Wall Panel

Outside Closure Rake Angle

Rake Trim

Rake Support

Angle

Standing Seam

Roof Panel

Rake Slide

Steel Line

Steel Line

WALL PANELS

PRIMARY FRAMING

INSULATED METAL PANELS

COLOR CHARTS

TRIM

ROOF PANELS
Company History

THE DEVELOPMENT OF THE METAL BUILDING INDUSTRY

Here at Metallic Building Company, we manufacture and design pre-engineered metal buildings of the highest caliber, durability and longevity. Based in Houston, Texas, we serve national and international markets through its strong network of builders and nearly 4-million square feet of manufacturing space strategically located throughout the North America.

Our continued success can be attributed to a focus on customer service that ensures solid business relationships. Under the direction of our President, Delvin Warner, along with unparalleled expertise and financial strength, Metallic remains one of the most trusted and respected manufacturers of custom metal buildings in the industry.

All Metallic products and systems are produced within state-of-the-art IAS-accredited manufacturing plants. Over thirty manufacturing facilities make it possible for us to be your quick and accurate metal building manufacturer, while giving us the geographic reach necessary to deliver finished projects with exceptional speed.

Established in 1946, Metallic Building Company is one of the five original founders of the MBMA. Metallic is a leading division of NCI Building Systems, one of the largest integrated manufacturers and marketers of custom metal buildings in North America.

For more information, please visit metallic.com.
Descriptions and specifications contained herein were in effect at or around the time this publication was approved for release. In a continuous effort to refine and improve its products, Metallic reserves the right to discontinue products at any time or change specifications and/or designs without incurring obligation. To ensure that you have the latest information available, please inquire. Drawings and application details are for illustration purposes only and may not be appropriate for all environmental conditions, building designs, or panel profiles. Specific projects should be custom engineered to conform to applicable building codes, regulations and accepted industry practices.
**PRODUCT DESCRIPTION**

**Gable Symmetrical**: A ridged (double slope) building in which the ridge is in the center of the building.

**Gable**: The triangular portion of the endwall from the level of the eave to the ridge of the roof.

**Gauge**: NA

**Finish**: Red primer, gray primer or galvanized

**Usage**: Low rise construction

**Limitations**: Support widths from 10’ to 600’ or more  
Support height from 10’ to 100’  
Support clear spans up to 250’ or more  
Support roof slopes of ¼ : 12 up to 12 : 12

**Frame Types Available**

- **Clear Span Main Frame**
- **Modular Span One Interior Column**
- **Modular Span Two Interior Columns**
- **Modular Span Three Interior Columns**
### Feature

- Designers have the capability of arranging sidewall columns that are straight or columns with the more economical tapered section
- Metallic fabricates all main framing in accordance with the company’s strict AISI quality certification guidelines
- Interior support columns available as either pipe sections or H sections
- Metallic frames come with welded subassemblies; roof purlin support plates and wall girt support plates are factory welded to the main frames
- Purlins are supported laterally by the welded plates.
- Metallic furnishes all structural bolts with a corrosion protective plating
- Frames are prefabricated as much as possible
- Endwall frames can be simple post and beam type construction, or can be built with a full interior type main frame to accommodate future expansion
- Symmetrical shape

### Benefit

- Flexible design providing for maximum utilization of interior space
- Metallic’s quality fabrication process reduces assembly labor, and subsequently lowers erection costs
- Wider buildings are more economically feasible
- Saves installation time and increases the overall stiffness of the building
- Reduces the amount of purlin roll experienced under heavy loading
- Improves the appearance of the building, helps to speed up the erection process, and eliminates rusted bolts
- Eliminates costly field work needed to "customize" the frames for specific building configurations
- Endwalls are furnished in a variety of configurations, again with the flexibility to meet any need
- Economical savings on material costs
PRODUCT DESCRIPTION

Gable Unsymmetrical: A ridged (double slope) building in which the ridge is off-center.

Gable: The triangular portion of the endwall from the level of the eave to the ridge of the roof.

Gauge: NA

Finish: Red primer, gray primer or galvanized

Usage: Low rise construction

Limitations: Support widths from 10’ to 600’ or more
Support height from 10’ to 100’
Support clear spans up to 250’ or more
Support roof slopes of ¼ : 12 up to 12 : 12

Frame Types Available

- Clear Span Main Frame
- Modular Span One Interior Column
- Modular Span Two Interior Columns
- Modular Span Three Interior Columns
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<td>expansion</td>
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<td>Asymmetrical shape</td>
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**Primary Framing**

- Gable Symmetrical
- Gable Unsymmetrical
- **Single Slope**
- Long Bay® System
- Lean-to
- Hybrid Structures
- Crane Buildings
- Aviation Facilities

**Product Description**

**Single Slope:** A stand alone building with a sloping roof in one plane. The slope is from one wall to the opposite wall.

**Usage:** Low rise construction

**Frame Types Available**

- **Clear Span**
- **Modular One Interior Column**
- **Modular Two Interior Columns**
PRODUCT DESCRIPTION

Long Bay® System Features & Benefits:

**Gauge:** 16, 14, 13, & 12  
**Depths:** 12" to 44"  
**Finish:** Gray primer available  
**Lengths:** Matches bay length

**Why use the Long Bay® System?**
- Economical bay spacing up to 65’
- Quicker and more economical installation
- Available with machine seamed standing seam roof - the industry’s leading standing seam panel
- Optimum bay spacing & column locations
- Can mix with traditional purlins
- Use with B deck, built up and single ply
- Design flexibility (can be used with hardwall systems)

**Long Bay® System’s Features**
- Available with up to 65’ bays
- Assembled with screw guns
- Can be used with 22 gauge “B” deck
- Uses tubular sections
- Constructed using square channel web members

**Ease of Installation**
- Typical metal building procedures - bolting and/or welding
- Fewer rows of bridging needed with the Long Bay® system
- Stiffer than traditional joist
- Lighter than traditional joist
- Attaches with self drilling screws

**Benefits to the Builder**
- Eliminates fluctuating bar joist price/delivery
- Better control over cost and delivery schedule

**Spans & Loads**
- Bay spacing can span 65’
- Custom-designed per your specifications and local government codes compliance
- Custom-fabricated to accommodate specified wind loads

**Rigorous Testing**
- Gravity loads
- Uplift loads
- Stress
- Test conducted with standing seam roofs and through fastened panels
- Available with Factory Mutual certification
Long Bay® Purlin with Standing Seam
Starting Rake Condition (On-Module)

Flange Brace Connection

Section "X"

1/2"Ø A325 Bolts

Long Bay® Purlin
Bottom Chord

Flange Brace
(See Cross Section For Location)
Long Bay® Connection at Low Side Soldier Column

Long Bay® Purlin with Standing Seam Ending Rake Condition (On-Module)

*Rake trim can vary by brand
**Long Bay® System Details**

- **Long Bay® Purlin at Masonry Parapet**

![Diagram of Long Bay® Purlin at Masonry Parapet]

- **Long Bay® Spandrel Purlin at Masonry Sidewall**

![Diagram of Long Bay® Spandrel Purlin at Masonry Sidewall]
Long Bay® Spandrel at Main Frame (w/ Masonry Wall)

- Long Bay® Spandrel with Wing Plate and Erection Angle
- 4 x 4 x 3/8 Erection Angle U.N.
- 1/2"Ø Bolts
- 1/2"Ø A325 Bolts
- 5/16" A325 Bolts
- Eave Height: 1 1/2"
- Bolt Size and Quantity by Design
- Wing Plate with Long Bay® Spandrel Purlin
- Embedded Plate
- Top of Erection Angle
- * Tilt Wall
- * Embedded Plate
- * Not By Metal Building Manufacturer
- * Exp. Bolts or Field Weld (By Others)
- By Design
- Maximum 12
Lean-to: Ideally suited to give you that extra space you need alongside your building. The Lean-to ties in at the eave of your building or below the eave and can provide a variety of uses...from just a covered area to a completely enclosed addition to your building.

Gauge: NA
Finish: Red primer, gray primer or galvanized
Usage: Low rise construction
Limitations: A structure having only one slope and depending upon another structure for partial support. A Lean-to can be located at eave or below eave of the supporting structure.
PRODUCT DESCRIPTION

Hybrid Structures: Our hybrid structures blend the efficiency of metal building system construction with the strength of conventional steel. This means we meet your heavy duty requirements at the most reasonable cost possible.

Box Girders: Precision box girders that can be used to support cranes or other heavy loads and provide open spans of 70 feet or more between columns.

Gauge: NA

Finish: Red primer, gray primer or galvanized

Usage: We can design, engineer, and manufacture virtually everything required for hybrid structures, no matter how large or complex. We have complete in-house engineering and computer design groups dedicated to hybrid structures. Manufacturing facilities include roll forming, welding, and shearing equipment, and continuous-run processing for uniform quality and measurement accuracy. Our highly automated equipment can produce custom-designed and standard components with equal precision.

Limitations: All Hybrid Structures are treated uniquely, limitations can change based on the complexity of the project.
Crane Buildings: The building crane is a complex structural system consisting of the crane with trolley and hoist, crane rails and crane runway beams, structural supports, stops and bumpers.

Crane Type:
- Bridge Cranes - Top running and underhung
- Monorail
- Jib
- Stacker
- Gantry

Note: We specialize in crane buildings and have furnished the largest crane systems in the industry. We routinely handle 100-ton crane buildings and more.

Aviation Facilities: Aircraft hangars are individually engineered to meet specific requirements and are flexible enough to satisfy even the most complex aviation need. The hangars may be designed using gable symmetrical, gable unsymmetrical or single slope structural systems.

Advantages:
- Design flexibility
- Fast, easy construction
- Low maintenance
- Energy efficiency

Usage: Clear span design provides column-free interiors for wide open floor space and eave heights that can accommodate today’s larger aircraft. The structures allow for a variety of door options including bi-fold, bi-parting, and stack leaf designs.

Note: We have pioneered the use of extra wide clear-span structures to handle today’s largest jet aircraft fleet.
### Product Description

A horizontal structural member which supports roof covering and is in the shape of a Zee.

- **Gauge:** 16, 14, 13, 12
- **Depth:** 6”, 8”, 10”, & 12”
- **Finish:** Red primer, gray primer or galvanized
- **Fasteners:** Bolts
- **Lengths:** Determined by design
- **Usage:** Secondary member to support roof panels
- **Limitations:** Designed to meet specific load criteria

### Feature

- Purlin ½” variance in flange width and 50 degree angled stiffener lip
- Nominal purlin spacing of 5’
- 50+ combinations of size, gauge, spacing and lap length
- Continuous purlin lap lengths of 7 ½”, 1’ 2 ¾”, 2’ 5 ¾”, 3’ 8 ¾”
- Pre-painted, factory baked finish
- Purlin clips welded to frame
- Optional gray primer, red primer or galvanized finish
- Tabbed sag angles are used with standing seam options/systems
- Easy purlin identification
- Members of LGSI

### Benefit

- Allows easy placement of purlins and easy installation and greater stability
- Economical design
- Optimum design
- Economical pricing
- Smooth, attractive appearance, improved adherence and durability. Therefore, no paint sticking problems
- Rest point during installation, quicker installation, reduces purlin roll under heavy loading and increases stiffness
- Meets specifications, greater resistance to some corrosive atmospheres
- Reduces purlin roll, increases stiffness, ease of installation, greater stability, and increased load capacity
- Ease of installation
- Meets specifications
- Longer bay buildings can be furnished with the advantages of a cold-formed Zee purlin

### Dimension

<table>
<thead>
<tr>
<th>Depth</th>
<th>Gauges</th>
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<tbody>
<tr>
<td>6”</td>
<td>16, 14, 12</td>
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<tr>
<td>8”</td>
<td>16, 14, 13, 12</td>
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<tr>
<td>10”</td>
<td>14, 13, 12</td>
</tr>
<tr>
<td>12”</td>
<td>14, 13, 12</td>
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</tbody>
</table>
**PRODUCT DESCRIPTION**

A horizontal structural member that supports wall panels.

- **Gauge:** 16, 14, 13, 12
- **Depth:** 4", 6", 8", 10", & 12"
- **Finish:** Red primer, gray primer or galvanized
- **Fasteners:** Bolts
- **Lengths:** Determined by design
- **Usage:** Secondary member to attach and support wall covering
- **Limitations:** Designed to meet specific load criteria

### Dimension

<table>
<thead>
<tr>
<th>Depth</th>
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<tr>
<td>4&quot;</td>
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<tr>
<td>8&quot;</td>
<td>16, 14, 13, 12</td>
</tr>
<tr>
<td>10&quot;</td>
<td>14, 13, 12</td>
</tr>
<tr>
<td>12&quot;</td>
<td>14, 13, 12</td>
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</tbody>
</table>

### Feature

- Girt clips welded to frame
- Flush girts with girt face in the same plane as column face
- Combinations of size, gauge and spacing
- Standard girt spacing, first girt at 7'-4" and maximum of 6' there after; other spacing available for design
- Optional red primer, gray primer or galvanized finish
- Bypass girts
- Low girt option available on request at 3' 6"

### Benefit

- Quicker installation
- Greater interior clearance, easier interior finish
- Optimum design and economical pricing
- Fits doors, etc., optimal design
- Smooth, attractive appearance, improved adherence and durability
- More efficient design
- Stiffening of the wall section, and satisfying high wind conditions
PRODUCT DESCRIPTION

A horizontal structural member which supports roof systems with virtual square shaped top and bottom chords.

- **Gauge:** 16, 14, 13, 12
- **Depth:** 12” - 44”
- **Finish:** Gray primer
- **Fasteners:** A325 bolts per design
- **Lengths:** Up to 65’
- **Usage:** Secondary member to support roof systems
- **Limitations:** Designed to meet specific load criteria

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay spacing from 40’ to 65’</td>
<td>Opens long bay markets</td>
</tr>
<tr>
<td>Bolts to main frame</td>
<td>Faster, more precise installation</td>
</tr>
<tr>
<td>Design flexibility</td>
<td>Usable with tilt wall</td>
</tr>
<tr>
<td>Stiffer than bar joist</td>
<td>No warp or sweep, easier to erect</td>
</tr>
<tr>
<td>Lighter than bar joist</td>
<td>Easy to handle, maneuver, and set</td>
</tr>
<tr>
<td>Available with Double-Lok® standing seam roof</td>
<td>30-year roof life-cycle, 25-year factory warranties available</td>
</tr>
<tr>
<td>Available with ”B” Deck for single-ply, built-up, EPDM roof</td>
<td>Design flexibility for conventional applications</td>
</tr>
<tr>
<td>Open-web purlin fabricated of light-gauge cold-rolled steel</td>
<td>Roofing systems attached with self-drilling screws</td>
</tr>
<tr>
<td>Less bridging and bridging attaches with self-drilling screws</td>
<td>Quicker installation</td>
</tr>
<tr>
<td>4” top chord width</td>
<td>Stable platform for attachment of deck or clips</td>
</tr>
<tr>
<td>5” seat depth</td>
<td>Can mix bays with standard Zee purlins</td>
</tr>
</tbody>
</table>
Eave Struts

**PRODUCT DESCRIPTION**

A structural member located at the eave of a building which supports roof and wall paneling.

- **Gauge:** 16, 14, 13, & 12
- **Depth:** 8", 10", & 12"
- **Finish:** Red primer, gray primer or galvanized
- **Lengths:** Matches bay length

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<td>12&quot;</td>
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**Feature**

- Heavy design, larger section
- Custom fabrication for each roof slope
- One piece construction
- Can be extended lengths for endwall canopies

**Benefit**

- Straighter and stronger walls and eaves
- Provides greater support for roof panel at eave
- Minimized field labor
- Flexible design
**PRODUCT DESCRIPTION**

A member formed from steel sheet in the shape of a right angle used for sheeting supports.

**Finish:** Red primer, gray primer or galvanized

**Feature**

Largest variety of angle sizes in the industry

**Benefit**

Design flexibility

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<td></td>
<td>2&quot;</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>4&quot;</td>
<td>16, 14, 12</td>
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Canopies

PRODUCT DESCRIPTION

An overhanging or projecting roof structure off the sidewall or endwall with the extreme end usually unsupported. Mainly used for aesthetic application or to cover entrance or walkway.

Options: Face Panel and soffit vary with panel type.

Canopy can project out 15’ unsupported with or without a cantilever beam with exposed red iron. Larger canopy sizes available by special design and engineering.
PRODUCT DESCRIPTION

A decorative structural and panel system projecting from the face of a wall panel. Gauges vary and are dependent on design loads. Used for aesthetic application.

Options:

Length varies and is dependent on building design and appearance requirements.

Dimensions on façades are 3:12 slope typical.

Soffit elevation must be at least 2'-0" below eave, minimum projection is 1'-6", maximum projection is 6'-0", and maximum height is 9'-0". Mansard/fascia must be 6" higher than the peak on the endwall and 6" higher than the eave on the sidewall.
Framed Openings

This accessory is used to open portions of a wall that are normally used for access. Used to frame out doors, windows, louvers, and any other openings. Framed opening refers to the framing members and flashing which surround an opening. Framed openings include: jambs, header or sill, trim, and fasteners.

**Options:**
- Double headers will be used in the attachment of some roll-up doors. This second header must be field located.
- Full cover trim (optional) provides head and jamb cover trim and sill trim if applicable, so that no red iron is visible at the opening.
- Red primer, gray primer or galvanized finishes (galvanized indicates that all of the jamb and header or sill material for this framed opening will be manufactured from galvanized material.)
- The jamb must be located at least 18” off a column line. Exercise caution with a framed opening in an endwall as the endposts may have to be relocated to accommodate opening. Also, exercise caution with framed openings in a sidewall, as bracing may have to be relocated to accommodate opening and special doors may be required in low clearance areas.
**PRODUCT DESCRIPTION**

Translucent panel formed like the roof panel in place of certain roof panel sheets to supply natural light to the building.

**Options:**

Field-installed light transmitting panels are one continuous piece of LTP that can be installed during roof installation or after. They utilize DoubleLok® and Ultra-Dek® panels only these panels are UL90 rated and are available in insulated and non-insulated. For more information, contact your District Manager.
The simplicity of the Artisan Series™ panel is its best design feature. Uniform dimensions and clean appearance allow the designer to plan modules, eliminate complicated pieces, and follow wall curvatures.

**Gauge:** 26, 24, & 22 (26 & 22 ga. may require minimum quantity)

**Finish:** Galvalume Plus® & Polar White (smooth or embossed texture with or without stiffener breaks)

**Lengths:** Maximum recommended 20’-0”

**Fasteners:** Concealed fastening system. Artisan Series panels use the positive fastening method and are attached directly to the substructure. The fastener is concealed behind the flush face

**Dimensions:** 12” wide by 1” high (Other widths are available as a special order)

**Usage:** Soffits and interior liners

**Limitation:** Not recommended for external wall application

### Feature
- **Concealed Fastener Panel**
  
  White embossed or white smooth

  Available in two finishes: smooth with beads or embossed flat; the smooth finish also comes with two (2) optional minor pencil ribs

### Benefit
- Attractive architectural application
- 25-year polyester finish warranty
- Aesthetic appearance
**PRODUCT DESCRIPTION**

The PBC panel profile offers the additional strength of an exposed fastener panel.

- **Gauge:** 24 and 26
- **Finish:** Galvalume Plus® and Commercial - Industrial Series
- **Lengths:** Maximum recommended 40'-0". Longer lengths available on special order
- **Fasteners:** Various self drilling depending on application
- **Dimensions:** 34" wide (with 32" coverage) and alternate 35 ½" wide sheets, the PBC panel is ¾"
- **Usage:** Agricultural application

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<tr>
<td>Exposed fastener panel</td>
<td>Economical application</td>
</tr>
<tr>
<td>Sculptured ribs</td>
<td>Reduces oil canning, provides textured appearance</td>
</tr>
<tr>
<td>Signature® 200 Series</td>
<td>25-year silicone polyester finish warranty</td>
</tr>
<tr>
<td>Continuous eave to sill until panel exceeds 40'-0 length</td>
<td>Attractive with no end laps, and ease of installation</td>
</tr>
<tr>
<td>Signature® 300 option</td>
<td>Premium paint finish with 25-year warranty; ultimate resistance to color changes and chalk</td>
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The PBD panel profiles offer the additional strength of an exposed fastener panel.

- **Gauge:** 24 and 26
- **Finish:** Galvalume Plus® and Commercial - Industrial Series
- **Lengths:** Maximum recommended 40'-0"; longer lengths available on special order
- **Fasteners:** Various self drilling depending on application
- **Dimensions:** 34" wide (with 32" coverage) and alternate 35 ½" wide sheets; the PBD panel is ⁵⁄₈" high
- **Usage:** Agricultural and floor underlayment application

### Feature
- Exposed fastener panel
- Sculptured ribs
- Signature® 200 Series
- Continuous eave to sill until panel exceeds 40'-0" length
- Signature® 300 Option

### Benefit
- Economical application
- Reduces oil canning, textured appearance
- 25-year silicone polyester finish warranty
- Attractive with no end laps, and ease of installation
- Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk
PRODUCT DESCRIPTION

This panel is used both for the roof and walls. The PBR panel’s deep ribs create an even-shadowed appearance. The area between the ribs is reinforced.

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<tr>
<td>36” Coverage</td>
<td>Ease of installation</td>
</tr>
<tr>
<td>Trimless Ridge (Roof Application)</td>
<td>Save time on installation</td>
</tr>
<tr>
<td>Start installation at either end</td>
<td>Flexible installation</td>
</tr>
<tr>
<td>Economical profile</td>
<td>Cost effective</td>
</tr>
<tr>
<td>Finish Warranty</td>
<td>25-year life when used with long life fasteners</td>
</tr>
<tr>
<td>Diaphragm Action</td>
<td>The panel provides diaphragm capabilities and purlin stability in metal building construction</td>
</tr>
<tr>
<td>Wind Uplift Rating</td>
<td>The panel qualifies under several UL90 construction numbers</td>
</tr>
<tr>
<td>Light Transmitting Panels</td>
<td>Profile light transmitting panels are available for the PBR Panel</td>
</tr>
<tr>
<td>Reverse Rolled Profile</td>
<td>The panel can be reversed rolled putting the paint finish on the under side for installation as an alternate wall panel</td>
</tr>
<tr>
<td>Purlin Bearing Leg</td>
<td>An extra leg is rolled on one side of lap rib to provide for easier installation</td>
</tr>
</tbody>
</table>

**Gauge:** 26, 24 and 22  
**Lengths:** 45’ maximum is standard but longer lengths available by special request  
**Fasteners:** Standard coated, CAD plated or zinc-aluminum cast head screw  
**Dimensions:** 36” coverage x 1 ¼” deep  
**Finish:** Galvalume Plus® and Commercial - Industrial Series  
**Usage:** Roof, wall, liner, mansard, and soffit panel applications  
**Limitations:** ½:12 pitch or greater; not designed for coverage over bar joist
This utility panel with ribs 6" on centers is especially useful for liners, partitions, soffits, etc., because of its shallower 3/4" deep ribs and relative ease of installation.

**Gauge:** 26, 24, & 22  
**Finish:** Galvalume Plus® and Commercial - Industrial Series  
**Lengths:** Maximum recommended 40'-0"; longer lengths available on special order  
**Usage:** Wall panel, liner panel, and façade panel face

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### Feature

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<tbody>
<tr>
<td>Galvalume Plus®</td>
<td>20-year warranty</td>
</tr>
<tr>
<td>Reverse rolled profile ribs</td>
<td>Places color on the reverse side of the panel yields a flat profile appearance with fasteners recessed in flutes</td>
</tr>
<tr>
<td>Fire rating</td>
<td>Panel carries a UL &quot;Class A&quot; fire rating</td>
</tr>
<tr>
<td>Continuous eave to sill until panel exceeds 40'-0&quot; length</td>
<td>Attractive with no end laps, and ease of installation</td>
</tr>
<tr>
<td>Signature® 300 option</td>
<td>Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk</td>
</tr>
<tr>
<td>Face fastener</td>
<td>Yields diaphragm capabilities and girt stability</td>
</tr>
<tr>
<td>Embossed texture</td>
<td>Embossing the metal reduces glare and the potential for oil canning</td>
</tr>
<tr>
<td>Perforated condition</td>
<td>Ventilation or acoustical applications</td>
</tr>
</tbody>
</table>
PRODUCT DESCRIPTION

Wall mounted accessory for allowing airflow into the building.

Options: Louvers are available in the following sizes: 2' x 2', 3' x 2', 3' x 3', 4'x 3', 3' x 4', 4' x 4', and 5' x 4'. All louvers are self-mulling, self-flashing, and self-framing. No other trim is required. All louvers are available to match your wall finish and color. They are provided with 18-16 aluminum mesh installed in a removable frame.

Standard-Duty louvers are 26 gauge construction. Heavy-Duty louvers have an 18 gauge frame with 20 gauge blades.

Fixed louvers feature roll-formed blades, fixed at a 45 degree angle. Adjustable louvers come with a reinforced cast aluminum hand crank to operate the blades.
Metal PBR Panel Closures

A metal closure to be used in conjunction with or in place of foam closures for weather and varmint protection on the endwall only.

**Gauge:** 26

**Finish:** Galvalume Plus®

**Fasteners:** Attach with rake trim

**Usage:** To close the area between the rake trim and PBR panel exterior endwalls

**Limitation:** 1:12 and 4:12 roof pitches only

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard metal surface</td>
<td>Resists bird damage</td>
</tr>
<tr>
<td>Galvalume Plus® finish</td>
<td>Long life and neutral appearance</td>
</tr>
<tr>
<td>2 sizes</td>
<td>Matches roof slope from of 1:12 and 4:12</td>
</tr>
<tr>
<td>Attaches with 2 screws</td>
<td>No fall out</td>
</tr>
<tr>
<td>Can be used with foam closures</td>
<td>Improves weathertightness performance</td>
</tr>
<tr>
<td>Rigid shape</td>
<td>Helps stabilize trim from excessive wind uplift</td>
</tr>
<tr>
<td>36” long panels</td>
<td>Ease of installation</td>
</tr>
<tr>
<td>26 gauge</td>
<td>Added strength</td>
</tr>
</tbody>
</table>
Parapet Walls differ from façades in that parapet walls have no projection. This accessory allows you to add parapet walls to one or more walls. Parapet walls are wall panels below the roof line that extend above the roof line to a given elevation. Parapet walls include 14 gauge pre-galvanized parapet gutter when located on a sidewall (except at the high side of a single-slope or lean-to building).

**Options:** Gauges vary and are dependent on design loads. Maximum height above eave and peak is 6'-0". Dimensions vary and are dependent on building design.

A parapet on a sidewall creates a situation where the parapet gutter is located inside the building, which may be prone to leak.

Partitions-Transverse/Longitudinal

Interior or exterior wall system. Partitions are walls that are inside the building footprint to section off parts of the interior space of a building. Partitions must run to the roof line.
PRODUCT DESCRIPTION

Pipe Flashing

Aluminum base with EPDM. The round base flange bends to form a seal with surface irregularities or roof pitch.

Options: Available in a variety of sizes

Purlin Extensions

An overhanging or projecting roof structure on the endwalls with the extreme end usually unsupported. Aesthetic application or to cover driveway or walkway.

Options: Soffit varies with panel type. Can project out 7'-0" unsupported; larger purlin extension sizes available by special design and engineering
PRODUCT DESCRIPTION

**Roof Vents**

An accessory used on the roof that allows air to pass through.

**Options:**

- Roof vents are available in the following sizes: 12" x 10'-0", 20" Round, and 24" Round. These ridge-mounted vents are available with or without operators. Standard operators include cable, pulleys, cable clamps, and eyebolts. Operator handles are optional.

- Ridge vents are available as continuous or non-continuous. Each non-continuous vent requires its own operator, while three continuous vents may be operated with one operator.

- Roof vents are available in Galvalume Plus® or White, and come with birdscreen and damper.

**Slide Doors**

A single or double leaf door which opens horizontally by means of overhead trolleys.

**Options:**

- Slide doors are available in single slide (one leaf) or double slide (two leaves). Standard sizes are 8' x 8', 8' x 10', 8' x 12', 10' x 8', 10' x 10', 10' x 12', 12' x 8', 12' x 10', 12' x 12', 12' x 14', 14' x 8', 14' x 10', 14' x 12', and 14' x 14'. Other sizes are available as a special item.
Metallic is now offering a Northern gutter system which is designed to offer superior performance in ice and snow conditions. The overall gutter and rake profile of the new Northern gutter system is the same as our current standard gutter and rake, except that all the trim is detailed from the bottom of the roof panel instead of from the top. This lowers the gutter and rake trim by the depth of the roof panel.

This new arrangement has a number of advantages:

• First, in heavy snow and ice conditions the gutter is below the plane of the roof, reducing the possibility of sliding snow or ice tearing the gutters off the building.

• Second, the placement of the Northern gutter and its revised profile require that the gutter is not only below the roof line, but in addition, the front edge of the gutter is lower than the back. Therefore, the Northern gutter system does not require field cut overflow scuppers. In the event an overflow did occur it would be over the top front edge of the gutter and, most importantly, away from the building.

• Third, a large amount of gutter capacity is gained without enlarging the gutter. In Metallic’s standard gutter system, as much as half of the gutter depth is lost in the trapezoidal standing seam application and an additional amount is lost when the overflow scuppers are field cut in the back of the gutter. Due to the increased gutter capacity achieved when the Northern gutter system design is utilized, the number of downspouts required to effectively drain the Northern gutter and the labor to install them is dramatically reduced. Depending on rainfall intensity a 100’ x 200’ building may only require 10 downspouts, 6 fewer than before.

Be aware that the benefits achieved in the event of an ice and snow condition require that the gutter is below the leading edge of the roof panel. The result is that the end of the roof panel is exposed to view and in some cases may be aesthetically objectionable. Obviously, when determining the placement of walkways, the potential danger to pedestrians from falling ice and snow must be considered and appropriate steps taken by the erector.

Metallic’s Northern gutter system is recommended in any geographic area in which the potential exists for the ice and snow accumulation. In some cases the benefits of the Northern gutter system may warrant its optional use even in geographic areas in which this potential accumulation does not exist.
**PRODUCT DESCRIPTION**

**Feature:**
- Mitered corners on all trim
- Hems on appropriate legs
- Gutter, rake, and downspouts
- Optional Northern gutter system
- Provide twenty foot lengths on most trim

**Eave Trim:**
- Offset Panel Cap Trim
- Sculptured Eave Trim
- Eave Gutter
- Box Gutter
- Type I Gutter
- High Side Eave Trim
- Low Side Eave Trim

**Base Trim:**
- Base Angle
- Formed Base Trim
- Base Flash

**Other:**
- Rake Trim
- Angle Trim
- Corner Trim
- Inside Corner Trim
- Starter Trim
- Jamb Trim
- Head Trim
- Head Trim Door & Window Trim
- Tie-In Trim
- Roof Conversion Trim

*Gutter and Sculptured Eave Trim profiles can vary by brand*
ACCESSORIES

Valley Gutter

PRODUCT DESCRIPTION

Special gutter used to carry off water from attached buildings or multi-gabled buildings. Standard valley gutter is 14 gauge pre-galvanized 10'-0" sections, field welded in place.

Options: Conductor heads are available as an optional item

Note: Interior drains are needed, these interior drains are not by manufacturer

Walk Doors

PRODUCT DESCRIPTION

Personnel doors available in a variety of configurations.

Options: Walk doors are available in 3070 (3' x 7'), 4070 (4' x 7'), and 6070 (double leaf 6' x 7'). They are available as a solid door (M), a half-glass door with glazing by others (GL), and a door with a narrow lite glass panel (NL). All doors are available with white or bronze primer.

Double leaf (6070) doors are available with one leaf or both leaves active. If one leaf only is active on a 6070 door, an astragal and head and foot bolts are included. If both leaves are active on a 6070, a mullion is included. If panic hardware is used on a 6070 with one leaf active, you will receive a mullion in lieu of an astragal.

The following door options are available:
• Panic Hardware
• Mortise Lockset
• Closer
• Insulated Leaf
• Keyed Alike
• Weatherstrip

If no lockset hardware options are selected, door will be provided with standard lever handle cylinder lockset.
**PRODUCT DESCRIPTION**

Translucent panel that allows natural light into the building. All wall lights are Acrylit panels in chopped glass.

**Options:** Wall lights are available in a variety of sizes, and are available insulated or non-insulated; available for PBR and AVP wall panels only.

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**PRODUCT DESCRIPTION**

Self-flashing, self-framing horizontal slide or fixed narrow-lite windows.

**Options:** Aluminum horizontal slide windows are available in 3’ x 3’ (3030), 4’ x 3’ (4030), 4’ x 4’ (4040), and 6’ x 3’ (6030). The fixed narrow-lite window is available in 2070 (2’ x 7’).

Horizontal slide windows are available in mill or bronze finish, and clear or bronze tinted glass. 2070 windows are available with a bronze finish frame and gray glass. All are available insulated or non-insulated.

Jamb stiffeners are required.
A unique feature of this panel is a vertical leg that is a side joint that is mechanically seamed with an electric seamer for a weather tight finish. This panel features concealed clips and easy to handle 16” wide panels custom cut to the desired length. This panel can be installed directly over purlins or bar joists. It does not require a solid substructure for support. This roof system has several different UL90 construction numbers.

**Gauge:** 24 (Standard) with 22 gauge available on request

**Lengths:** Maximum 55’ is standard. Other lengths are available as special request.

**Dimensions:** 16” wide by 2” high is standard. Other widths are available as special order.

**Panel Attachment:** A choice of concealed fastening clips is available for this panel system including UL rated clips. These clips hold the panel firmly in place without unsightly exposed fasteners. Low and high clips are available which are fixed or floating. Floating clips accommodate thermal movement.

**Finish:** Galvalume Plus® and Architectural Series™

**Usage:** This panel is a structural panel that spans up to five feet on purlins or can be used as an architectural panel over solid deck. The flat part of the panel is designed with striations or striations with pencil ribs as an option to minimize oil canning. It is in compliance with many industry codes.

**Limitations:** Recommended for roof slopes of ½:12 or greater. Oil canning is not a reason for rejection.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory applied mastic inside of female leg of panel is standard</td>
<td>Watertight and easier installation</td>
</tr>
<tr>
<td>Swagged end laps</td>
<td>Improved installation and improved appearance</td>
</tr>
<tr>
<td>Optional: Heavier gauges, striation and embossing</td>
<td>Minimizes oil canning</td>
</tr>
<tr>
<td>Design flexibility</td>
<td>Optimal economy</td>
</tr>
<tr>
<td>Roof runs without end lap panels may be erected from either direction</td>
<td>Flexible and convenient installation</td>
</tr>
<tr>
<td>Roof to wall transition</td>
<td>Creates a trimless eave</td>
</tr>
<tr>
<td>80% fewer exposed fasteners than traditional side lap panels and all fasteners are long life</td>
<td>Increased weathertightness and improved appearance</td>
</tr>
<tr>
<td>The side lap has been tested for air infiltration and water penetration under ASTM E1646 and E1681 methods</td>
<td>Minimal air infiltration and water penetration and acceptability among specifiers</td>
</tr>
<tr>
<td>Vertical leg</td>
<td>Better transition to hip, valleys, and roof openings</td>
</tr>
<tr>
<td>Insulated with thermal blocks</td>
<td>High energy efficiency system</td>
</tr>
<tr>
<td>High or low floating clips available</td>
<td>Allows roof to expand and contract, maximizing weathertightness</td>
</tr>
<tr>
<td>High or low fixed clips available</td>
<td>Varying insulation thicknesses available</td>
</tr>
<tr>
<td>Panel available in Signature® 200, 300 and 300 Metallic paint</td>
<td>25-year finish warranty</td>
</tr>
<tr>
<td>UL 90</td>
<td>Lower insurance costs</td>
</tr>
<tr>
<td>Panel has striations</td>
<td>Helps with oil canning</td>
</tr>
</tbody>
</table>
**PRODUCT DESCRIPTION**

A metal standing seam roofing product is attached to sub-framing using a variety of concealed, interlocking clips that provide for minimum panel penetrations. This panel can be used on new construction as well as retrofit on existing structures. This panel design provides a high degree of weathertightness and has been tested by independent laboratories in accordance with ASTM E283 and E331 (for air infiltration, water penetration, and wind uplift).

- **Gauge:** 24 (Standard) with 22 gauge available on request
- **Lengths:** 55’ maximum is standard but longer lengths available by special request
- **Dimensions:** 12”, 18” and 24” average widths
- **Fasteners:** Concealed fastening system with floating clips, the clips are available as floating or fixed; two different clip heights are available to allow for insulation
- **Finish:** Galvalume Plus® and Architectural Series™
- **Usage:** New and retrofit applications
- **Limitations:** Recommended for roof slopes of 1/4:12 or greater. We recommend the fixed clip for double slope buildings 200’ wide or less and single slope buildings 100’ wide or less. (May vary upon extreme weather conditions.) Oil canning is not a reason for rejection.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>No panel penetration is required over the building envelope other than at the end laps and panel ends, which are connected by a compression joint</td>
<td>Specially designed to seal out the elements</td>
</tr>
<tr>
<td>Panel side laps arrive at the job site containing a pre-applied sealant</td>
<td>Contributes to the system's weather tight construction and ease of installation</td>
</tr>
<tr>
<td>Optional product and weathertightness warranties</td>
<td>Severe weathertightness and additional customer confidence</td>
</tr>
<tr>
<td>Factory notched at both ends with pre-punched holes</td>
<td>Field installation can commence or finish from either end of building or on both sides simultaneously</td>
</tr>
<tr>
<td>End laps have a 16 ga. backup plate with pre-punched holes</td>
<td>Solid connection at end laps and proper fastener spacing. The pre-punched holes improve installation and ensure proper panel placement</td>
</tr>
<tr>
<td>High or low clips</td>
<td>Accommodates variety of insulation systems including 1” thermal spacers at the purlins</td>
</tr>
<tr>
<td>UL 90</td>
<td>Lower insurance costs</td>
</tr>
<tr>
<td>80% less exposed fasteners than traditional side lap panels and all fasteners are long life</td>
<td>Increased weathertightness</td>
</tr>
<tr>
<td>Signature® 300 paint system</td>
<td>25-year finish warranty</td>
</tr>
<tr>
<td>The side lap has been tested for air infiltration and water penetration under ASTM E283 and E331 methods</td>
<td>Minimal air infiltration and water penetration and acceptability among specifiers</td>
</tr>
</tbody>
</table>
A metal standing seam roofing product attached by using a variety of concealed, interlocking clips that provide for minimum panel penetrations. This panel can be used on new construction as well as retrofit on existing structures. This panel is designed to provide a high degree of weathertightness and has been tested by independent laboratories in accordance with ASTM E283 and E331 (for air infiltration and water penetration).

**Gauge:** 24 standard and 22 gauge available on request

**Lengths:** 55’ maximum standard and longer lengths available by special request

**Dimensions:** 12”, 18” and 24” average widths

**Finish:** Galvalume Plus® and Architectural Series™

**Usage:** New and retrofit applications

**Limitations:** Recommended for roof slopes of ¼:12 or greater. We recommend the fixed clip for double slope buildings 200’ wide or less and single slope buildings 100’ wide or less (may vary upon extreme weather conditions). Oil canning is not a reason for rejection.

### Feature

- No panel penetration is required over the building envelope other than at the end laps, and panel ends which are connected by a compression joint
- Panel side laps arrive at the job site containing a sealant
- Optional weathertightness warranty
- Factory notched at both ends with pre-punched holes
- End laps have a 16 GA. backup plate with pre-punched holes
- High or low clips
- UL 90
- Panels interlock by snapping together

### Benefit

- Specially designed to seal out the elements
- Contributes to the system’s weather tight construction and ease of installation
- Assurance that roof system will remain weather tight for extended service life
- Field installation can commence or finish from either end of building
- Solid connection at end laps and proper fastener spacing, the pre-punched holes improve installation and ensure proper panel placement
- Accommodates variety of insulation systems including 1” thermal spacers at the purlin
- Lower insurance costs
- No need for seaming equipment and ease of installation
PRODUCT DESCRIPTION

This panel is used for walls. The PBR panel’s deep ribs create an even-shadowed appearance. The area between the ribs is reinforced.

Gauge: 26, 24 and 22
Lengths: 45’ maximum is standard but longer lengths available by special request
Fasteners: Standard coated, CAD plated or zinc-aluminum cast head screw
Dimensions: 36” coverage x 1 ¼” deep
Finish: Galvalume Plus® and Commercial - Industrial Series
Usage: Roof, wall, liner, mansard, and soffit panel applications
Limitations: ½:12 pitch or greater; not designed for coverage over bar joist

Feature | Benefit
---|---
36” coverage | Ease of installation
Trimless ridge | Save time on installation
Start installation at either end | Flexible installation
Economical profile | Cost effective
Finish warranty | 25-year life when used with long life fasteners
Diaphragm action | The panel provides diaphragm capabilities and purlin stability in metal building construction
Wind uplift rating | The panel qualifies under several UL90 construction numbers
Light transmitting panels | Profile light transmitting panels are available for the PBR Panel
Reverse rolled profile | The panel can be reverse rolled putting the paint finish on the under side for installation as an alternate wall panel
Purlin bearing leg | An extra leg is rolled on one side of lap rib to provide for easier installation
The SuperLok® standing seam roof system blends the aesthetics of an architectural panel with the strength of a structural panel. This panel has earned uplift ratings that are the highest in the industry for standing seam roofs, assuring reliable performance. This panel is Factory Mutual approved to satisfy stringent code requirements and is ICBO approved.

**Gauge:** 24 (standard) with 22 gauge available on request

**Finish:** Galvalume Plus® and Architectural Series™

**Lengths:** Recommended 55'-0" maximum

**Fasteners:** Concealed fastening system. A choice of concealed fastening clips is available for this panel system including UL rated clips. These clips hold the panels firmly in place without unsightly exposed fasteners. Each clip system offers the ability to accommodate thermal movement

**Dimensions:** 12", or 16" wide and 2" high

**Usage:** SuperLok® is a field seamed panel that combines a slim rib with exceptional uplift resistance. This panel has been designed to withstand the most rigorous conditions. This system was designed to be installed over open framing, ½" plywood, or a composite roof assembly

**Limitation:** Recommended for roof slopes of ½:12 or greater; oil canning is not a reason for rejection

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can be installed over purlins or bar joists</td>
<td>Application flexibility</td>
</tr>
<tr>
<td>Factory notched for end laps</td>
<td>Ease of installation, can be installed both directions or simultaneously</td>
</tr>
<tr>
<td>Clip allows 2&quot; panel movement</td>
<td>Allows for expansion and contraction.</td>
</tr>
<tr>
<td>Sealant factory applied</td>
<td>Less field labor and longer life</td>
</tr>
<tr>
<td>Weathertightness warranty available</td>
<td>Customer confidence</td>
</tr>
<tr>
<td>System qualifies for UL 90 wind uplift ratings open framing, composite, and solid deck construction methods</td>
<td>Lower insurance costs possible</td>
</tr>
<tr>
<td>Metal closures</td>
<td>Longevity</td>
</tr>
<tr>
<td>Machine seamed</td>
<td>Meets stringent code requirements, such as Factory Mutual</td>
</tr>
</tbody>
</table>
PRODUCT DESCRIPTION

The PBC panel profile offers the additional strength of an exposed fastener panel.

**Gauge:** 24 and 26

**Finish:** Galvalume Plus® and Commercial - Industrial Series

**Lengths:** Maximum recommended 40'-0"; longer lengths available on special order

**Fasteners:** Various self drilling depending on application

**Dimensions:** 34" wide (with 32" coverage) and alternate 35 ½" wide sheets; the PBC panel is ⁷⁄₈"

**Usage:** Agricultural application

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposed fastener panel</td>
<td>Economical application</td>
</tr>
<tr>
<td>Sculptured ribs</td>
<td>Textured appearance reduces oil canning</td>
</tr>
<tr>
<td>Signature® 200 Series</td>
<td>25-year silicone polyester finish warranty</td>
</tr>
<tr>
<td>Continuous eave to sill</td>
<td>Attractive with no end laps, and ease of installation</td>
</tr>
<tr>
<td>until panel exceeds 40'-0 length</td>
<td>Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk</td>
</tr>
<tr>
<td>Signature® 300 option</td>
<td></td>
</tr>
</tbody>
</table>
PRODUCT DESCRIPTION

The PBD panel profile offers the additional strength of an exposed fastener panel.

**Gauge:** 24 and 26

**Finish:** Galvalume Plus® and Commercial - Industrial Series

**Lengths:** Maximum recommended 40'-0”; longer lengths available on special order

**Fasteners:** Various self drilling depending on application

**Dimensions:** 34” Wide (with 32” coverage) and alternate 35 ½” wide sheets. The PBD panel is ⅝” high

**Usage:** Agricultural and floor underlayment application

---

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposed fastener panel</td>
<td>Economical application</td>
</tr>
<tr>
<td>Sculptured ribs</td>
<td>Textured appearance reduces oil canning</td>
</tr>
<tr>
<td>Signature® 200 Series</td>
<td>25-year silicone polyester finish warranty</td>
</tr>
<tr>
<td>Continuous eave to sill until panel exceeds 40'-0&quot; length</td>
<td>Attractive with no end laps, and ease of installation</td>
</tr>
<tr>
<td>Signature® 300 option</td>
<td>Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk</td>
</tr>
</tbody>
</table>
This utility panel with ribs on 6’ centers is especially useful for liners, partitions, soffits, etc., because of its shallower 3/4” deep ribs and relative ease of installation.

**Gauge:** 26, 24, & 22  
**Finish:** Galvalume Plus® and Commercial - Industrial Series  
**Lengths:** Maximum recommended 40'-0”; longer lengths available on special order  
**Usage:** Wall panel, liner panel, partition panel, soffit panel and facade panel face

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvalume Plus®</td>
<td>20-year warranty</td>
</tr>
<tr>
<td>Reverse rolled profile ribs</td>
<td>Places color on the reverse side of the panel which yields a flat profile appearance with fasteners recessed in flutes</td>
</tr>
<tr>
<td>Fire rating</td>
<td>Panel carries a UL &quot;Class A&quot; fire rating</td>
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<tr>
<td>Continuous eave to sill until panel exceeds 40'-0 length</td>
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<td>Face fastener</td>
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</tr>
<tr>
<td>Embossed texture</td>
<td>Embossing the metal reduces glare and the potential for oil canning</td>
</tr>
<tr>
<td>Optional perforated condition</td>
<td>Ventilation or acoustical applications</td>
</tr>
</tbody>
</table>
WALL PANELS

PRODUCT DESCRIPTION

The "PBR" panel's deep ribs create an even-shadowed appearance. This panel is used both for the roof and walls. The area between the ribs is reinforced.

**Gauge:** 26, 24 and 22

**Lengths:** 45' maximum is standard but longer lengths available by special request

**Fasteners:** Standard coated, CAD plated or zinc-aluminum cast head screw

**Dimensions:** 36" coverage x 1 ¼" deep

**Finish:** Galvalume Plus® and Commercial - Industrial Series

**Usage:** Roof, wall, liner, mansard, and soffit panel applications

**Limitations:** ½:12 pitch or greater; not designed for coverage over bar joists

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; Coverage</td>
<td>Ease of installation</td>
</tr>
<tr>
<td>Trimless Ridge</td>
<td>Save time on installation</td>
</tr>
<tr>
<td>Start installation at either end</td>
<td>Flexible installation</td>
</tr>
<tr>
<td>Economical profile</td>
<td>Cost effective</td>
</tr>
<tr>
<td>Finish Warranty</td>
<td>25-year life when used with long life fasteners</td>
</tr>
<tr>
<td>Diaphragm Action</td>
<td>The panel provides diaphragm capabilities and purlin stability in metal building construction</td>
</tr>
<tr>
<td>Wind Uplift Rating</td>
<td>The panel qualifies under several UL90 construction numbers</td>
</tr>
<tr>
<td>Light Transmitting Panels</td>
<td>Profile Light Transmitting panels are available for the PBR panel</td>
</tr>
<tr>
<td>Reverse Rolled Profile</td>
<td>The panel can be reversed rolled putting the paint finish on the under side for installation as an alternate wall panel</td>
</tr>
<tr>
<td>Purlin Bearing Leg</td>
<td>An extra leg is rolled on one side of lap rib to provide for easier installation</td>
</tr>
</tbody>
</table>
PRODUCT DESCRIPTION

The Architectural AVP Panel for sidewalls produces a decorative smooth shadow line, creating a distinctive architectural effect with semi-concealed fasteners. Ribs are 1 ¼" deep and major corrugations are spaced 12" on center. The net coverage of panel is 3'-0".

- **Gauge:** 26 and 24
- **Lengths:** Maximum recommended 45'-0". Longer lengths available on special order
- **Fasteners:** Various, depending on application
- **Finish:** Galvalume Plus® and Commercial - Industrial Series
- **Dimensions:** 36" wide by 1 1⁄₈" deep
- **Usage:** Wall panel, liner panel, and facade panel face
- **Limitation:** Installation may be difficult with very thick insulation

### Feature

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-concealed fastener panel</td>
<td>Attractive architectural application</td>
</tr>
<tr>
<td>Striations</td>
<td>Reduces oil canning, textured appearance</td>
</tr>
<tr>
<td>Signature® 200 Series</td>
<td>25-year finish warranty</td>
</tr>
<tr>
<td>Continuous eave to sill until panel exceeds 40'-0 length</td>
<td>Attractive with no end laps, and ease of installation</td>
</tr>
<tr>
<td>Signature® 300 Option.</td>
<td>Premium paint finish with 25-year warranty, ultimate resistance to color changes and chalk</td>
</tr>
<tr>
<td>Optional embossed texture.</td>
<td>Embossing the metal reduces glare and the potential for oil canning</td>
</tr>
<tr>
<td>Fire rating</td>
<td>Panels carries a UL &quot;Class A&quot; fire rating</td>
</tr>
</tbody>
</table>
**PRODUCT DESCRIPTION**

ShadowRib™ combines aesthetics, economics, and function to bring definition to metal structures. ShadowRib™ is a proven performer and a versatile tool to the designer.

**Gauge:** 24 and 22 (22 ga. minimum quantity may be required)

**Finish:** Galvalume Plus® and Architectural Series™

**Lengths:** Maximum recommended 40'-0”

**Fasteners:** Concealed fastening system. Panels may be secured to the structure from outside the building with the ShadowRib™ concealed clip, or from inside the building with an expansion fastener. Both are positive fastening methods that create a secure interlock between panel and structure.

**Dimensions:** 16” wide by 3” high

**Usage:** The ShadowRib™ panel can be used for walls, fascias, and equipment screens. Apply the panel over light gauge framing, purlins, girts, structural steel, and joists. In many instances, the panel can span from floor to ceiling without interior support, making it ready to apply a variety of insulation methods into the 3” cavity.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-concealed fastener panel</td>
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</tr>
<tr>
<td>Fire rating</td>
<td>Panels carries a UL &quot;Class A&quot; fire rating</td>
</tr>
</tbody>
</table>
NuWall® combines the ease of installation with a pleasing aesthetic appeal in both new and retrofit applications. The shadow lines created with the NuWall® panel will enhance any structure’s appearance. Installation of panels is performed completely outside with no disruption of the workplace on the inside.

**Gauge:** 22, 24, & 26 (All gauges have a minimum quantity required)

**Lengths:** Galvalume Plus® and Architectural Series™

**Fasteners:** Recommended 40'-0” maximum

**Finish:** Concealed fastening system. The panel is attached to the structure with self-drilling fasteners on one side of the panel only. No clips are required. The adjoining panel simply snaps into the previous panel, concealing the fasteners from view.

**Dimensions:** 12” wide 2 ½” high

**Usage:** NuWall® is ideal for both new and retrofit applications. In retrofit applications, the NuWall® panel can be installed over an existing “R” or “M” panel wall. This saves both labor and material. Other panel profiles and other forms of construction may require the use of sub-girts.
### Panel Cross Reference Chart

<table>
<thead>
<tr>
<th>Description</th>
<th>IPS</th>
<th>Metl-Span®</th>
<th>MBCI eco-FICIent®</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposed fastener wall or roof panel Width: 36&quot;</td>
<td>RWP</td>
<td>LS-36™</td>
<td>Insulated R</td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 1½&quot;, 2&quot;, 2½&quot;, 3&quot;, 4&quot;, 5&quot;, 6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 36&quot;, 42&quot;</td>
<td>Sonora</td>
<td>Santa Fe®</td>
<td>Vintage</td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 24&quot;, 30&quot;, 36&quot;</td>
<td>FWP</td>
<td>Grand V</td>
<td>Architectural</td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;, 4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener horizontal wall panel Width: 24&quot;, 30&quot;, 36&quot;</td>
<td>HWP</td>
<td>Grand H</td>
<td></td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;, 4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 36&quot;, 42&quot;</td>
<td>ESP</td>
<td>Striated</td>
<td>Summit</td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 42&quot;</td>
<td>EWF</td>
<td>Fluted</td>
<td>Classic®</td>
<td>Profile changed in 2012. Slight difference in profile from MW/MBCI to Metl-Span.</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;, 4&quot;, 5&quot;, 6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 36&quot;, 42&quot;</td>
<td>IPP</td>
<td>Mesa</td>
<td>Royal</td>
<td>Identical</td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;, 4&quot;, 5&quot;, 6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concealed fastener vertical wall panel Width: 36&quot;</td>
<td>7.2 Insul-Rib™</td>
<td>Insulated 7.2</td>
<td>Identical</td>
<td></td>
</tr>
<tr>
<td>Thickness: 2½&quot;, 3&quot;, 4&quot;, 5&quot;, 6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thickness: 2&quot;, 2½&quot;, 3&quot;, 4&quot;, 5&quot;, 6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air, Water Thermal Vapor Barrier Panel</td>
<td>HPCI Barrier™</td>
<td>HPCI Barrier™</td>
<td>26 gauge primed skins only</td>
<td></td>
</tr>
<tr>
<td>Horizontal wall substrate panel Width: 42&quot;</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thickness: 2&quot;, 3&quot;, 4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Firewall Rated Product</td>
<td>ThermalSafe®</td>
<td>Insulated Fire Resistant Panel</td>
<td>Mineral wool core, heavier and about half the R-value of a foam panel of same thickness. Fire ratings of 1, 2, and 3 hrs.</td>
<td></td>
</tr>
<tr>
<td>Vertical exposed fastener panel Width: 42&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thickness: 4&quot;, 5&quot;, 6&quot;, 7&quot;, 8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PRODUCT DESCRIPTION

Architectural Wall Panel for Vertical Installation
The Architectural insulated wall panel has a flat appearance, providing a uniform look that is perfect for high-profile, vertical architectural applications. The interior skin has a Mesa profile.

Architectural Wall Panel for Horizontal Installation
The Architectural Series™ is an insulated metal panel manufactured for horizontal applications. It has a flush appearance that provides a monolithic look. The Architectural Series™ 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 Architectural panels to achieve any look a design requires.

Gauges:
- Exterior: 22
- Interior: 26

Surfaces:
- Exterior: Stucco-embossed
- Interior: Stucco-embossed

Widths: 36’

Thicknesses: 2”, 2½”, 3” and 4”

Lengths: Recommended maximum is 32’

Attachment: Concealed clips

R-Value: Maximum of R-30
The CFR is one of NCI's popular standing seam metal roof offerings. The CFR roof panel is ideal for architectural, commercial, industrial, institutional and cold storage applications. The exterior profile has a 2-inch high standing seam with a Mesa profile. The interior profile is also a stucco-embossed Mesa pattern. CFR is attached to a building structure with concealed clips to provide continuous insulation and eliminate thermal bridges.

- **Gauges:**
  - Exterior: 24 and 22
  - Interior: 26, 24 and 22

- **Surfaces:**
  - Exterior: Stucco-embossed
  - Interior: Stucco-embossed

- **Widths:**
  - 40", 30" and 36" available upon request

- **Thicknesses:**
  - 2", 2 1/2", 3", 4", 5" and 6"

- **Lengths:**
  - Recommended maximum is 50'

- **Attachment:**
  - Concealed clips

- **R-Value:**
  - Maximum of R-46
The Fluted insulated wall panel is designed for both exterior wall applications and interior wall partitions. The versatility of this panel allows for a uniform appearance from outside to inside and from room to room in partition applications. The Fluted panel has aesthetically pleasing flat exterior and interior skins with our light Mesa profile. This panel is most commonly used for commercial applications. The Fluted panel is also ideal for cold storage facilities.

**Gauges:**
- Exterior: 26; others available upon request
- Interior: 26

**Surfaces:**
- Exterior: Stucco-embossed
- Interior: Stucco-embossed

**Widths:**
36"

**Thicknesses:**
- 2", 2½", 3", 4", 5" and 6"

**Lengths:**
Recommended maximum is 40'

**Attachment:**
Concealed clips

**R-Value:**
Maximum of R-46
**PRODUCT DESCRIPTION**

The LS-36™ insulated wall panel is designed for both exterior wall applications and interior wall partitions. The versatility of this panel allows for a uniform appearance from outside to inside and from room to room in partition applications. The LS-36™ panel has aesthetically pleasing flat exterior and interior skins with our light Mesa profile. This panel is most commonly used for commercial applications. The LS-36™ panel is also ideal for cold storage facilities.

**Gauges:**
- Exterior: 26, 24 and 22
- Interior: 26, 24 and 22

**Surfaces:**
- Exterior: Smooth or embossed
- Interior: Stucco-embossed

**Widths:**
- 36”

**Thicknesses:**
- 1½", 2", 2½", 3", 4", 5" and 6"

**Lengths:**
- Recommended maximum is 35’

**Attachment:**
- Through fastened

**R-Value:**
- Maximum of R-46
The Mesa insulated wall panel is designed for both exterior wall applications and interior wall partitions. The versatility of this panel allows for a uniform appearance from outside to inside and from room to room in partition applications. The Mesa panel has aesthetically pleasing flat exterior and interior skins with our light Mesa profile. This panel is most commonly used for commercial applications. The Mesa panel is also ideal for cold storage facilities.

**Gauges:**
- Exterior: 26; others available upon request
- Interior: 26

**Surfaces:**
- Exterior: Stucco-embossed
- Interior: Stucco-embossed

**Widths:**
- 36" and 42"

**Thicknesses:**
- 2", 2½", 3", 4", 5" and 6"

**Lengths:**
- Recommended maximum is 40'

**Attachment:**
- Concealed clips

**R-Value:**
- Maximum of R-46
The Santa Fe® insulated wall panel is a unique offering with our Aztec-embossed pattern on the exterior panel. This creates a look that resembles old-world hand plaster. The Santa Fe® panel is commonly used for architectural, commercial and institutional applications. The interior skin of the Santa Fe panel is stucco-embossed with our Mesa profile.

- **Gauges:**
  - Exterior: 26; others available upon request
  - Interior: 26

- **Surfaces:**
  - Exterior: Aztec-embossed
  - Interior: Stucco-embossed

- **Widths:**
  - 42"

- **Thicknesses:**
  - 2", 2½", 3" and 4"

- **Lengths:**
  - Recommended maximum is 40'

- **Attachment:**
  - Concealed clips

- **R-Value:**
  - Maximum of R-30
PRODUCT DESCRIPTION

The Striated insulated wall panel is an excellent alternative to conventional flat wall construction. The exterior skin of Striated is profiled with minor striations giving it a flat appearance and providing a linear look while blending with the panel side joints. The Striated panel is ideal for architectural, commercial, industrial and institutional applications. Both the exterior and interior skins of the Striated panel have stucco-embossed Mesa profiles.

Gauges: Exterior: 24 and 22
        Interior: 26
Surfaces: Exterior: Stucco-embossed
          Interior: Stucco-embossed
Widths: 36" and 42"
Thicknesses: 2", 2½", 3" and 4"
Lengths: Recommended maximum is 32'
Attachment: Concealed clips
R-Value: Maximum of R-30
The 7.2 Insul-Rib™ insulated panel combines a traditional 7.2 rib panel design with a premier polyurethane foam core. The insulated 7.2 Insul-Rib™ panel can be installed both vertically and horizontally, allowing architects the same design flexibility that is available with our single skin 7.2 panel.

**Gauges:**
- Exterior: 26, 24 and 22
- Interior: 26, 24 and 22

**Surfaces:**
- Exterior: Stucco-embossed
- Interior: Stucco-embossed

**Widths:** Nominal 36”

**Thicknesses:** 2½”, 3”, 4”, 5” and 6”

**Lengths:** 8′-0” to 36′-0”

**Attachment:** Concealed clips

**R-Value:** Maximum of R-46

**Limitations:** For wall applications only
COLORS
FOR THE COMMERCIAL & INDUSTRIAL MARKET

STANDARD I EXTERIOR COLORS
Fluropon® Full-Strength 70% PVDF Fluoropolymer Coating

- **Polar White**
  - R: 0.70
  - E: 0.86
  - SRI: 85

- **Sandstone**
  - R: 0.60
  - E: 0.86
  - SRI: 71

STANDARD II EXTERIOR COLORS
Fluropon® Full-Strength 70% PVDF Fluoropolymer Coating

- **Regal Gray**
  - R: 0.55
  - E: 0.86
  - SRI: 64

- **Brownstone**
  - R: 0.47
  - E: 0.88
  - SRI: 54

- **Almond**
  - R: 0.63
  - E: 0.89
  - SRI: 75

PREMIUM I EXTERIOR COLORS
Fluropon® Full-Strength 70% PVDF Fluoropolymer Coating

- **Harbor Blue**
  - R: 0.28
  - E: 0.85
  - SRI: 27

- **Pacific Blue**
  - R: 0.29
  - E: 0.87
  - SRI: 30

- **Colonial Red**
  - R: 0.34
  - E: 0.87
  - SRI: 36

- **Brite Red**
  - R: 0.49
  - E: 0.87
  - SRI: 56

- **Tundra**
  - R: 0.46
  - E: 0.88
  - SRI: 52

- **Snow White**
  - R: 0.65
  - E: 0.87
  - SRI: 78

- **Natural Patina**
  - R: 0.41
  - E: 0.88
  - SRI: 46

- **Spruce**
  - R: 0.36
  - E: 0.88
  - SRI: 39

- **Hunter Green**
  - R: 0.35
  - E: 0.87
  - SRI: 37

- **Classic Green**
  - R: 0.27
  - E: 0.87
  - SRI: 27

- **Medium Bronze**
  - R: 0.33
  - E: 0.87
  - SRI: 35

- **Terra Cotta**
  - R: 0.36
  - E: 0.87
  - SRI: 41

- **Smoke Gray**
  - R: 0.50
  - E: 0.86
  - SRI: 57

- **Aegean Blue**
  - R: 0.29
  - E: 0.86
  - SRI: 29

PREMIUM II METALLIC & PEARLESCENT EXTERIOR COLORS
Fluropon Classic® & Fluropon Classic® II: Full-Strength 70% PVDF Fluoropolymer Coatings

- **Weathered Zinc**
  - R: 0.38
  - E: 0.87
  - SRI: 41

- **Copper Metallic**
  - R: 0.46
  - E: 0.85
  - SRI: 51

- **Silver Metallic**
  - R: 0.52
  - E: 0.80
  - SRI: 58

- **Champagne**
  - R: 0.40
  - E: 0.85
  - SRI: 43

- **Dark Gray Metallic**
  - R: 0.35
  - E: 0.84
  - SRI: 96

*All colors approximate actual finish colors as accurately as possible. Actual color may vary slightly.*

Panel Cross Reference Chart
Architectural Wall Panel
CFR Roof Panel
Fluted Wall Panel
LS-36™ Roof/Wall Panel
Mesa Wall Panel
Santa Fe® Wall Panel
Striated Wall Panel
7.2 Insul-Rib™ Wall Panel
Panel Color And Finish Guide
Panel Cross Reference Chart
Architectural Wall Panel
CFR Roof Panel
Fluted Wall Panel
LS-36™ Roof/Wall Panel
Mesa Wall Panel
Santa Fe® Wall Panel
Striated Wall Panel
72 Insul-Rib™ Wall Panel
Panel Color
And Finish Guide

Panel Color Chart

**STANDARD SP EXTERIOR COLORS**
Siliconized Polyester

- Winter White
  - R: .59  E: .85  SRI: 69
- Light Stone
  - R: .50  E: .88  SRI: 58
- Ash Gray
  - R: .47  E: .90  SRI: 55

**PREMIUM SP EXTERIOR COLORS**
Siliconized Polyester

- Hawaiian Blue
  - R: .33  E: .87  SRI: 33
- Crimson Red
  - R: .33  E: .89  SRI: 36
- Fern Green
  - R: .27  E: .88  SRI: 27
- Saddle Tan
  - R: .48  E: .88  SRI: 55
- Desert Sand
  - R: .42  E: .89  SRI: 48
- Burnished Slate
  - R: .28  E: .88  SRI: 29
- Koko Brown
  - R: .28  E: .88  SRI: 29
- Charcoal Gray
  - R: .27  E: .88  SRI: 27
- Rustic Red
  - R: .36  E: .88  SRI: 39
- Solar White
  - R: .74  E: .87  SRI: 91

**POLYESTER EXTERIOR COLOR**
Igloo White is standard interior color for all panels

- Igloo White
  - R: .64  E: .87  SRI: 77

* R = Initial Solar Reflectivity (ASTM E903, C1549)
* E = Emittance (ASTM C1371 or E408)
* SRI = Solar Reflective Index (ASTM E1980, based on medium wind speed)

All Met-Span colors are formulated to provide maximum energy-efficiency and solar reflectivity. All standard available Premium I and Premium II colors have been formulated for maximum solar reflectance.

Prices will vary by color, gauge and quantity of metal. Please contact your local representative for complete information. All colors shown here approximate actual finish colors as accurately as possible.

Flurpon® and Flurpon Classic® are registered trademarks of Valspar.
ENERGY STAR® designation is valid in the U.S. only.

* All colors approximate actual finish colors as accurately as possible. Actual color may vary slightly.
Commercial/Industrial Color Chart: Signature® 200 & 300

**SIGNATURE® 200 Standard Colors**

- **Siliconized Polyester**

<table>
<thead>
<tr>
<th>Color</th>
<th>SR</th>
<th>SR</th>
<th>SR</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAWAIIAN BLUE</td>
<td>.32</td>
<td>.33</td>
<td>.35</td>
</tr>
<tr>
<td>CRIMSON RED</td>
<td>.33</td>
<td>.36</td>
<td>.34</td>
</tr>
<tr>
<td>FERN GREEN</td>
<td>.34</td>
<td>.31</td>
<td>.36</td>
</tr>
<tr>
<td>BURNISHED SLATE</td>
<td>.36</td>
<td>.39</td>
<td>.39</td>
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<tr>
<td>ASH GRAY</td>
<td>.46</td>
<td>.46</td>
<td>.54</td>
</tr>
<tr>
<td>SADDLE TAN</td>
<td>.40</td>
<td>.56</td>
<td>.46</td>
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<tr>
<td>DESERT SAND</td>
<td>.46</td>
<td>.46</td>
<td>.46</td>
</tr>
<tr>
<td>HOMO BROWN</td>
<td>.56</td>
<td>.56</td>
<td>.56</td>
</tr>
<tr>
<td>CHARCOAL GRAY</td>
<td>.36</td>
<td>.36</td>
<td>.36</td>
</tr>
<tr>
<td>POLAR WHITE</td>
<td>.66</td>
<td>.66</td>
<td>.66</td>
</tr>
<tr>
<td>RUSTIC RED</td>
<td>.66</td>
<td>.66</td>
<td>.66</td>
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<tr>
<td>LIGHT STONE</td>
<td>.56</td>
<td>.56</td>
<td>.56</td>
</tr>
<tr>
<td>COBALT BLUE</td>
<td>.36</td>
<td>.36</td>
<td>.36</td>
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<tr>
<td>SOLAR WHITE</td>
<td>.66</td>
<td>.66</td>
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</tr>
</tbody>
</table>

**SIGNATURE® 300 Premium Colors**

**KYNAR 500®, HYLAR 5000**

- Additional costs apply for Signature® 300 finishes.

<table>
<thead>
<tr>
<th>Color</th>
<th>SR</th>
<th>SR</th>
<th>SR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDIUM BRONZE</td>
<td>.31</td>
<td>.31</td>
<td>.31</td>
</tr>
<tr>
<td>SNOW WHITE</td>
<td>.45</td>
<td>.45</td>
<td>.79</td>
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<tr>
<td>SLATE GRAY</td>
<td>.45</td>
<td>.45</td>
<td>.45</td>
</tr>
<tr>
<td>ALMOND</td>
<td>.45</td>
<td>.45</td>
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<td>CLASSIC GREEN</td>
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<tr>
<td>BROWNSTONE</td>
<td>.56</td>
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<td>.56</td>
</tr>
<tr>
<td>BRITE RED</td>
<td>.49</td>
<td>.49</td>
<td>.53</td>
</tr>
<tr>
<td>HARBOR BLUE</td>
<td>.56</td>
<td>.56</td>
<td>.56</td>
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</tbody>
</table>

For complete performance, specifications, product limitations and disclaimers, please consult our Paint and Galvalume Plus® warranties. Upon receipt of payment in full, these warranties are available upon written request from our Paint and Galvalume Plus® representative. Contact your local Sales Representative for actual paint samples.

*All colors approximate actual finish colors as accurately as possible. Actual color may vary slightly.*
What is Solar Reflectivity (SR)?

Solar reflectivity or reflectance (SR) is the ability of a material to reflect solar energy from its surface back into the atmosphere. The SR value is a number from 0 to 1.0. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates it is all reflected. Energy Star requires SR testing of both new and aged roof products. New products must have an SR value of 0.25 or higher for steep slope (above 2:12) roofing and an SR value of 0.65 or higher for low slope (2:12 or less) roofing. Aged testing takes 3 years to complete, so not all products that meet the initial requirements are qualified. For more information, please go to www.energystar.gov.

What is Solar Reflectivity Index (SRI)?

The SRI is used to determine compliance with LEED requirements and is calculated according to ASTM E 1980 using values for reflectance and emissivity. Emissivity is a material’s ability to release absorbed energy. To meet LEED requirements, a roofing material must have an SRI of 29 or higher for steep slope (above 2:12) roofing and an SRI value of 78 or higher for low slope (2:12 or less) roofing. For more information, please go to www.usgbc.org.
Architectural Color Chart: Signature® 200 & 300 Colors

SIGNATURE® 300 Standard Colors

- Harbor Blue
- Colonial Red
- Medium Bronze
- Pacific Blue
- Snow White
- Slate Gray
- Almond
- Midnight Bronze
- Everglade
- Brownstone
- Tundra
- Spruce
- Brite Red
- Hunter Green
- Classic Green
- Natural Patina
- Bone White

Note: Metallic coatings are directional. Panels and trim must be installed oriented in the same direction to prevent perceived shade variances. Directional arrows are on the back side of panels and trim to aid in the proper orientation.

SIGNATURE® 200 Standard Colors

- Burnished Slate
- Polar White
- Charcoal Gray
- Rustic Red
- Kokomo Brown
- Fern Green
- Hawaiian Blue
- Light Stone
- Coal Black
- Solar White

For complete performance, specifications, product limitations and disclaimers, please consult our Paint and Galvalume Plus® warranties. Upon receipt of payment in full, these warranties are available upon request for all painted or Galvalume Plus® products. Contact your local Sales Representative for actual paint samples.

* All colors approximate actual finish colors as accurately as possible. Actual color may vary slightly.
Architectural Color Chart: Signature® 200 & 300 Colors

- Final color selection should be made from actual color chips.
- See product selection chart for gauge and color availability.
- All products available in smooth or embossed finish.
- Heavier guages, narrower widths, striations and embossing minimize "oil canning."
- All Signature® 100 and 300 Metallic are low gloss colors.
- Polar White is a Straight Polyester.
- A 25-year limited paint warranty available for all colors upon written request. (Outside the continental United States, please inquire.)
- Availability in certain areas may be restricted or require a surcharge.
- Signature® is a registered trademark of NCI Group, Inc.
- KYNAR® 500® is a registered trademark of Arkema, Inc.
- HYLAR® 5000® is a registered trademark of Solvay Solexis.
- Energy Star Qualified Color through our energy star partners MBCI.