A MESSAGE FROM JACK BERRIDGE
SETTING THE ARCHITECTURAL METAL STANDARD

Back in 1970, when I founded the Berridge Manufacturing Company, our goal was to be first in providing our customers with high-quality, innovative architectural metal roof panels. Now, more than four decades later, we have established our role as the most innovative manufacturer in the architectural metal panel industry.

No other company can provide you with the range of products and the depth of service like Berridge. Whether you are a contractor or an architect, Berridge is proud to offer extensive programs to provide customer service and support through our architectural, technical and marketing departments. Coupled with the industry’s broadest selection of panels and shingles for every application, on-site forming equipment and our superior warranties, we are certain that you will find that Berridge meets all of your needs.

Thank you for your business in the past and we look forward to working with you on your next project.

Sincerely,

Jack A. Berridge
Chairman of the Board

WIDEST INDUSTRY SELECTION OF FACTORY PRODUCTS

Over 30 Architectural Metal Products Available In:
- 24 gauge Galvalume® steel substrate
- Many available in 22 gauge Galvalume® steel and 0.032 and 0.040 aluminum
- 34 standard, premium or metallic color finishes
- Virtually unlimited custom colors
- Coated on owner operated continuous coil line using premium PVDF coatings produced in full strength Kynar 500® or Hylar 5000® resin

Exclusive On-Site Fabrication Technology With Berridge Portable Roll Formers And Seamers

Berridge Total Program Benefits Include:

Discounts On:
- Coil, flat sheets and fabricated product systems
- Watertightness Warranty premiums
- Portable roll former leases
- Accessories

Support Provided For:
- Watertightness Warranty projects
- Technical support
- Marketing support

For more information contact info@Berridge.com

THE BERRIDGE LICENSEE TOTAL PROGRAM AND EXCLUSIVE TECHNOLOGY

12 Nationwide Branches

Full Product Testing

Superior Warranty Programs:
- 20 year Watertightness Warranty*
- 20 year Paint Finish Warranty*
- 20 year Galvalume® Material Warranty*

Technical Support
- Shop drawings, calculations and engineering services

Architectural
- Architectural details, specifications and full BIM REVIT library

Marketing
- Product and color samples

* Consult www.Berridge.com or the Berridge technical department at wtw@berridge.com for warranty requirements

FULL TESTING, EXTENSIVE WARRANTIES AND SUPPORT
Since 1970, Berridge Manufacturing Company has provided customers with the industry’s highest quality metal roofing and siding products by specializing in the research and development of architectural sheet metal products. Many similar products on the market today were originally designed and developed by the Berridge Manufacturing Company.

Berridge offers over 30 products, including popular standing seam options, wall panels, shingles and metal framing. These products are offered in 34 Kynar 500® or Hylar 5000® standard, premium and metallic colors and unlimited custom colors. The products are available in 24 gauge steel, with limited availability in 22 gauge steel and 0.032 and 0.040 aluminum for some products.

To assist with on-site architectural panel fabrication and quality control, Berridge provides a unique comprehensive approach to supplying their superior products and services to customers around the world through the Total Program. The Total Program offers a full range of precision-tolerance factory set, non-adjustable portable roll forming machines, painted coil and flat sheets and over 30 panel styles, all backed by technical and marketing support. The Total Program presents an unparalleled range of products and depth of service that has placed Berridge at the forefront of the architectural metal panel industry.

Shop drawings, calculations and engineering services for all Berridge products are available upon request. Contact Berridge’s Technical Department at technical@berridge.com for pricing or assistance. Architectural details and specifications are available at www.berridge.com.

**In-house Manufacturing Equipment**

Berridge’s modern, high production equipment provides customers with low cost, top quality products. The in-house, highly specialized manufacturing equipment converts large, bare Galvalume® steel coils into pretreated, prefinished, high quality fabricated architectural sheet metal products. This equipment includes a continuous coil coating paint line, slitting lines, cut-to-length lines, roll formers, mechanical and hydraulic press brakes, punch presses, stamping and bending fixtures, and a variety of special dies. This complete line of in-house equipment not only produces top of the line products at the most competitive prices but assures prompt delivery as well.

**Portable Roll Formers**

In 1984, Berridge revolutionized the architectural metal panel industry with the introduction of the Model SS-14 Portable Roll Former. This unique machine was designed to roll form continuous length, straight standing seam panels as well as curved panels. Today, over 10 different panels including standing seam, soffit and wall panels may be formed using the extensive line of Berridge portable roll formers thus providing excellent quality control. Contact the Berridge Sales Department at sales@berridge.com for more information about the Model SS-14 and other Berridge portable roll formers.

**Licensee Program**

As a Berridge Portable Roll Former Owner or long-term leasee, “licensees” receive substantial benefits. Some of these extensive benefits include, among others, product and additional lease discounts, sales leads and technical support. For more information please contact the Berridge Sales Department at sales@berridge.com.
All Berridge applied colors are premium fluoropolymer coatings produced with full strength Kynar 500® or Hylar 5000® resin. This coating affords maximum exterior durability due to its outstanding weatherability and resistance to ultraviolet radiation. The factory applied coating is fully warranted for 20 years against cracking, peeling and fading (not to exceed 5 N.B.S. units). These are the highest quality exterior finishes available among competitive products.

**Berridge Metallic Finishes**

Metallic colors are processed and finished on Berridge’s continuous coil coating line. These proprietary finishes are available for all factory products, flat sheet and coil. Flat sheets and coils in metallic finishes are available to sheet metal companies for fabrication of special profiles, shapes or flashing. Metallic colors are directional and paint lot sensitive. Large orders should be placed at the same time to avoid mixing paint lots.

Berridge Metallic Finishes* include:

- Copper-Cote™
- Champagne
- Preweathered Galvalume®
- Antique Copper-Cote
- Zinc-Cote™
- Lead-Cote™

* Metallic and Premium Finishes require a nominal surcharge.

**Acrylic-Coated Galvalume**

Acrylic-Coated Galvalume® (ACG) is a coated sheet product that combines the corrosion resistance of Galvalume® steel sheet with a clear acrylic coating that is applied over Galvalume® substrate. The surface treatment is essentially invisible and provides excellent characteristics to enhance the fabrication, performance and aesthetics of the installed Galvalume®. These enhancements include: good roll-formability without the need for oils, excellent transit and field-storage performance without staining, dramatic decrease in finger printing or foot printing during installation and long term surface brightness when exposed to the environment. It is applied at the mill by roll coating a uniform, thin film of a water-base acrylic solution onto both surfaces of the sheet.

**Coating System**

- Protective strippable film (painted material only)
- 0.75 ± 0.05 mil Kynar 500® or Hylar 5000® top coat
- 0.20 ± 0.05 mil primer coat
- 24 gauge or 22 gauge Galvalume® or 0.032 or 0.040 aluminum substrate
- 0.35 ± 0.05 mil total dry film thickness inclusive of primer coat (non-metallics only) and Beige urethane backer coating (all colors)

**Specifications for all 24 & 22 Gauge* Galvalume® and 0.032 & 0.040 Aluminum* Berridge Sheet Metal Products**

A. Prefinished metal shall be aluminum-zinc alloy coated (AZ-50 Galvalume®) steel sheet, 24 gauge or 22 gauge*, ASTM 792, Grade 40, yield strength 40 ksi min. or 3105 alloy aluminum sheet 0.032 or 0.040*, ASTM B209, H14 temper, yield strength 21 ksi min.

B. Finish shall be full strength Kynar 500® or Hylar 5000® fluoropolymer coating applied by the manufacturer on a continuous coil coating line, with a top side dry film thickness of 0.75 ± 0.05 mil over 0.20 ± 0.05 mil prime coat, to provide a total top side dry film thickness of 0.95 ± 0.10 mil. Bottom side shall be coated with a primer (non-metallics only) and beige urethane coating with a total dry film thickness of 0.35 ± 0.05 mil. Finish shall conform to all tests for adhesion, flexibility and longevity as specified by the Kynar 500® or Hylar 5000® finish supplier.

C. Strippable film shall be applied to the top side of all prefinished metal to protect the finish during fabrication, shipping and field handling. This strippable film MUST be removed immediately before installation.

D. Acrylic Coated Galvalume® metal shall be aluminum-zinc alloy coated (AZ-55 Galvalume®) steel sheet, 24 gauge or 22 gauge*, ASTM 792, Grade 40, yield strength 40 ksi min., with clear acrylic coating on both sides of material.

E. Field protection must be provided by the contractor at the job site so stacked or coiled material is not exposed to weather and moisture.

F. Flashing may be factory fabricated or field fabricated. Unless otherwise specified, all exposed adjacent flashing shall be of the same material and finish as panel system.

Note: The rolling process of sheet metal results in inherent surface unevenness referred to as “oil-canning.” This condition is also caused by several factors including thermal expansion and contraction, dark colors, both medium and high-gloss finishes and uneven substrate. “Oil-canning” in itself is not sufficient cause for material rejection.

* Not all products and colors are available in 22 gauge or aluminum substrate. Consult Berridge for product and color availability.

For complete specifications visit www.berridge.com
Sustainable Cool Metal Roofing

THE BERRIDGE COMMITMENT

BERRIDGE METAL ROOFING IS COOL AND SUSTAINABLE

The high reflectivity, emissivity and solar reflectance index (SRI) of Berridge metal roofing helps mitigate the heat island effect. Berridge’s Kynar 500® or Hylar 5000® cool metal roof colors are optimal for reducing energy consumption, particularly where cooling loads dominate. For LEED® compliance please reference the SRI values for the Berridge color finishes below.

<table>
<thead>
<tr>
<th>Berridge Colors</th>
<th>Solar Reflectance</th>
<th>Emissivity</th>
<th>SRI</th>
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</tbody>
</table>

**Premium Colors**

| Award Blue         | 0.17              | 0.83       | 11  |
| Natural White      | 0.76              | 0.84       | 93  |

**Metallic Colors**

| Antique Copper-Cote | 0.33              | 0.84       | 34  |
| Champagne           | 0.40              | 0.85       | 43  |
| Copper-Cote™        | 0.51              | 0.85       | 59  |
| Lead-Cote™          | 0.46              | 0.84       | 50  |
| Preweathered Galvalume® | 0.40  | 0.85       | 43  |
| Zinc-Cote™          | 0.52              | 0.83       | 59  |

SRI Values are provided by Berridge’s paint supplier and may vary slightly. All values listed are initial values. Reference www.berridge.com for the most up-to-date information.

**SOLAR REFLECTANCE INDEX (SRI):**
Incorporates both solar reflectance and thermal emissivity in a single value. SRI measures the roof’s ability to reject solar heat, defined such that a standard black (reflectance 0.05, emittance 0.90) is 0 and a standard white (reflectance 0.80, emittance 0.90) is 100.

**Heat Island Effect:**
Ambient temperature outside buildings is heated through convection and conduction contributing to the “urban heat island” effect which happens when metropolitan areas are significantly warmer than surrounding areas.

**RECYCLED CONTENT OF BERRIDGE METAL**
Berridge metal products have a high recycled content and are 100% recyclable at the end of their lifespan. Using building products that incorporate recycled materials helps reduce the impacts resulting from the extraction and processing of natural resources.

Post-consumer steel recycled content: 25.6%
Pre-consumer steel recycled content: 6.8%
TOTAL RECYCLED CONTENT: 32.9%

**LEED® COMPLIANCE**
The use of Berridge Manufacturing metal roofing products can directly contribute up to two LEED® v4 credits for Heat Island Reduction, but when a “whole building design” approach is implemented, metal roofing combined with other concerted efforts, products and building systems can contribute to other LEED® v4 credits. Reference the technical section at www.berridge.com for more information. While every effort has been made to provide accurate information, applicants for LEED® certification should verify compliance with a LEED® expert. For more information on LEED® v4 certification visit www.usgbc.org.
BERRIDGE MANUFACTURING STANDARD COLORS

Due to limitations in the printing process, please request actual color chips for accurate color viewing.

Shasta White   Parchment      Almond       Sierra Tan   Buckskin
Medium Bronze  Aged Bronze  Copper Brown  Dark Bronze  Terra-Cotta
Deep Red       Colonial Red Burgundy    Bristol Blue Royal Blue
Patina Green   Hemlock Green Teal Green   Forest Green Evergreen
Hartford Green Cityscape   Zinc Grey    Charcoal Grey Matte Black

Premium Colors
Berridge premium colors require a nominal surcharge.

Natural White Award Blue

Metallic Colors
Berridge metallic colors are premium finishes which require a nominal surcharge.

Champagne Copper-Cote™
Antique Copper-Cote

Natural Metal Finish
Berridge Acrylic-Coated Galvalume® is a coated sheet product that combines the corrosion resistance of Galvalume® steel sheet with a clear, organic resin applied to the top side and bottom side of Galvalume® substrate.

Please consult the BMC technical department at technical@Berridge.com for Leed and Energy Star compliance information.

Energy Star is only valid in the United States.

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
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Please consult product page and the BMC technical department for further details. Panel application can vary based on installation specifications. Please consult the BMC technical department concerning additional Watertightness Warranty installation requirements.

* Requires flashing break from roof to fascia. " Vertical application only
☐ Panel does not curve but can be installed on a curved wall
### Berridge Testing and Certifications Summary Chart

| STANDING SEAM ROOF PANELS | Wind | Fire | Impact | Wind and Water | Wind | FL PRODUCT APPROVAL | MIAMI DDAE | TDI LISTED | ICC-ES Report | CECS GT/L | UL 580 | UL 90 | UL 1897 | UL 790 | UL 263 | UL 2228 | FM 4477 |
|---------------------------|------|------|--------|---------------|------|---------------------|-----------|------------|---------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Tee-Panel                 |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| High Seam Tee-Panel*      |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Tee-Lock Panel            |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Cee-Lock Panel**          |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Zee-Lock Panel (Single Lock)** |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Double-Lock Zee-Lock Panel** |      |      |        |               |      |                     |           |            |               |           |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

### OTHER ROOF SYSTEMS

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### FASCIA, WALL & SOFFIT PANELS

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For actual test results, technical questions, fastener types, fastener spacing or job-specific engineering, please contact the Berridge technical department at (800) 669-0009 or technical@berridge.com. Updates and additional testing are added on a continual basis. Consult the Berridge technical department for the latest updates.

* 1” tall seam is UL-90 wind uplift approved for both steel and aluminum. 1 1/2” tall seam is UL-90 wind uplift approved for steel only
** Use continuous ribs for ASTM E-1646, ASTM E-1680, ASTM E-331, and ASTM E-283 compliance
*** See HR-16 Panel for test results on ASTM E-331 and ASTM E-283 with similar panel seams

UL 90 - Uplift test of roof system
UL 1897 - Uplift test of roof system
UL 790 - Fire test of roof system
UL 263 - Fire test of construction and materials
UL 2228 - Impact resistance of prepared roof covering materials
ASTM E-1592 - Structural performance of sheet metal roof and siding systems by uniform static air pressure difference
ASTM E-330 - Structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E-2140 - Water penetration of metal roof panel systems by static water pressure head
ASTM E-1646 - Water penetration of exterior metal roof panel systems by uniform static air pressure difference
ASTM E-1680 - Rate of air leakage through exterior metal roof panel systems
ASTM E-331 - Water penetration of exterior windows, skylights, doors and curtain walls by uniform static air pressure difference
ASTM E-283 - Rate of air leakage through exterior windows, curtain walls and doors under specified pressure differences across the specimen
FM 4471 - This standard states approval requirements for Class 1 panel roofs. A Class 1 panel roof meets the criteria of this standard for fire, wind, foot traffic and hail damage resistance
Florida Product Approval - Standard of practice for product evaluations and consistency of enforcement for the state of Florida
Miami-Dade Approval - Established with its main goal to allow new and innovated ideas to be developed into useful, practical, lasting and safe products for use in high velocity hurricane zones

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Berridge Tee-Panel

STANDING SEAM SYSTEM

The architectural metal standing seam Berridge Tee-Panel is designed for residential or commercial construction over solid sheathing. This 1" high panel comes with an exclusive vinyl weatherseal as an integral part of the snap-on seam and can also be used on curved and tapered applications.

Materials
24 Gauge Steel
Limited Availability: 22 Gauge Steel, 0.032 Aluminum

Specifications
Uses: Roof, Fascia**
Coverage: 12 3/4"
Finishes: Smooth
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1" snap-on with extruded vinyl weatherseal

UL Classification
- UL-90 wind resistance rated*
- Fire resistance rated
  - UL-790*
  - UL-263
  - UL-2218 impact resistance rated*

ASTM Tests
- Wind and water tested
  - ASTM E-1646*
  - ASTM E-1680*
  - ASTM E-331*
  - ASTM E-283*

Florida Product approved

Installation - Standard
- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site formed in continuous lengths with the Berridge SS-14 Roll Former
- Extruded vinyl weatherseal is an integral part of snap-on seam cap and prevents siphoning or flooding over seam
- Entire roof area shall be covered with a minimum of one layer of approved underlayment

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Fascia can not be curved or tapered

Pictured Above
Project: Chaparral Energy
Architect: Strider Associates
General Contractor: Lippert Bros., Inc.
Installing Contractor: Oklahoma Roofing & Sheet Metal
Color: Hemlock Green

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The Berridge Curved Tee-Panel is an ideal roofing choice for concave, convex or compound curved corners and domed roof construction with solid sheathing. This panel can be curved or tapered on site, allowing for versatility with the added benefit of the exclusive vinyl weatherseal that is a part of the snap-on seam.

**Installation - Curved and/or Tapered Tee-Panel**  
(Roofing applications only)

- Tee- Panels and snap-on seams can be curved in continuous length panels on site using the Berridge SS-14 Roll Former
  - Convex at a minimum of 4’
  - Concave at a minimum of 6’
- Straight Tapered Tee- Panels can be formed on-site with the Berridge SL-24 Roll Former and cannot be curved
- Compound Curved Tee- Panels are formed on-site with the Berridge SL-1 Roll Former. The SL-1 does not curve panels. Panels must be hand curved over solid decking. Snap-on seams are curved using the SS-14 Roll Former or the SC (Seam Curver) Roll Former.

Pictured Below
Project: Shadowglen Elementary  
Architect: BLGY Architecture  
General Contractor: Joeris  
Color: Medium Bronze

Pictured Right
Project: Parkway Place Mall  
Architect: KA Architecture  
General Contractor: EMJ Corporation  
Color: Copper-Cote™
Berridge High Seam Tee-Panel

STANDING SEAM SYSTEM

Providing a taller seam option, an additional finish option and wider coverage than the Tee-Panel, the Berridge High Seam Tee-Panel is designed to provide additional options for creating stunning residential or commercial designs over solid sheathing. This 1" or 1½" high panel can be used for straight or curved applications.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Roof, Fascia**
Coverage: 18 ¼"
Finishes: Striated, optional smooth
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1" or 1½" snap-on with extruded vinyl weatherseal

UL Classification
- UL-90 wind resistance rated
- 1" tall seam approved for steel and aluminum
- 1½" tall seam approved for steel only
- Fire resistance rated
  - UL-790*
  - UL-263
- UL-2218 impact resistance rated*

ASTM Tests
- Wind and water tested
  - ASTM E-1646*
  - ASTM E-1680*
- ASTM E-331*
- ASTM E-283*

Florida Product approved

Installation - Standard
- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site formed in continuous lengths with the Berridge SS-1421 Roll Former
- Extruded vinyl weatherseal is an integral part of snap-on seam cap and prevents siphoning or flooding over seam
- Entire roof area shall be covered with a minimum of one layer of approved underlayment

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Fascia can not be curved or tapered

Pictured Above
Project: City of Warrensburg Community Center
Architect: Great River Associates
General Contractor and Installer: DB2 Services
Color: Forest Green
The Berridge High Seam Tee-Panel can be curved or tapered giving it strong aesthetic appeal. This panel is a popular choice for a wide range of project types featuring a curved or tapered application that would benefit from the wide 18 ¼" coverage and high seams.

**Installation - Curved or Tapered High Seam Tee-Panel (roofing applications only)**

- High Seam Tee-panels, straight and curved, are formed on-site using the Berridge SS-1421 Roll Former. Snap-on seams are also curved with the SS-1421 Roll Former
  - 1" Seam: Convex at a minimum of 5'
    Concave at a minimum of 8'
  - 1½" Seam: Convex at a minimum of 8'
    Concave is not available
- Tapered High Seam Tee-panels can be formed on-site with the Berridge SL-24 Roll Former and cannot be curved
- High Seam Tee-panels cannot be compound curved

*Pictured Right*

Project: Stony Point High School  
Architect: BLGY Architects  
General Contractor: Brath, Inc.  
Installing Contractor: Johnson Roofing  
Color: Patina Green

*Pictured Below*

Project: Warren Township Municipal Building  
Architect and General Contractor: Kluber Architects  
Installing Contractor: Metalmaster Roofmaster  
Color: Royal Blue
Berridge Tee-Lock Panel

STANDING SEAM SYSTEM

The Berridge Tee-Lock is the newest option in the Berridge standing seam product line and offers a 2 3/8” high standing seam with 18” coverage. This symmetrical panel, available in both steel and aluminum, can be used over solid sheathing or open framing and is available smooth or striated.

Materials
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications
Uses: Roofing, Fascia**
Coverage: 18”
Finishes: Striated, optional smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing
Seam: 2 3/8” standing mechanically seamed sidelp
Optional: Extruded vinyl weatherseal

UL Classification
- Wind resistance rated
  - UL-580*
  - UL-90*
  - UL-790 fire resistance rated*
  - UL-2218 impact resistance rated*

ASTM Tests
- ASTM E-1592 wind resistance tested
- Wind and water resistance tested
  - ASTM E-1646*
  - ASTM E-1680*
  - ASTM E-331*
  - ASTM E-283*

Florida Product approved*
Texas Department of Insurance listed

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40’
- May be site formed in continuous lengths with the Berridge TP-24 Roll Former
- Panel is mechanically seamed in the field using the Tee-Lock Panel Seamer

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Requires flashing break from roof to fascia

Pictured Above
Project: Orlando Lift Station #3
Architect: Hazen and Sawyer
General Contractor: Wharton-Smith, Inc.
Installing Contractor: Architectural Sheet Metal, Inc.
Color: Forest Green
The Berridge Cee-Lock architectural metal standing seam panel is designed for residential or commercial construction over solid sheathing. This 1½" high panel incorporates an integral snap-lock seam and an optional extruded vinyl weatherseal. The standard coverage option is 16 ½" and its optional 11 ½" coverage adds versatility.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Roof, Fascia
Coverage: 16 ½" or 11 ½"**
Finishes: Smooth, optional striations
Fasteners: Concealed
Applications: Solid sheathing
Seam: 1 ½" snap-lock seam
Optional: Extruded vinyl weatherseal

UL Classification
- Wind resistance rated
  - UL-580*
  - UL-90*
  - UL-1897*
- Fire resistance rated
  - UL-790*
  - UL-263
  - UL-2218 impact resistance rated*

ASTM Tests
- ASTM E-1592 wind resistance tested
- Wind and water resistance tested
  - ASTM E-1646
  - ASTM E-1680
- ASTM E-331
- ASTM E-283

Florida Product approved*
Miami Dade approved
Texas Department of Insurance listed*
ICC-ES Report ESR-3486

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- 16 ½" profile may be site formed in continuous lengths with the Berridge CL-21 Roll Former

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Contact BMC for material availability. Not available with striations.

Pictured Above
Project: First Pryority Bank
General Contractor: Metal Panels Inc.
Installing Contractor: 918 Construction
Color: Royal Blue
Berridge Zee-Lock Panel

STANDING SEAM SYSTEM

The Berridge Single Lock Zee-Lock architectural metal standing seam panel is designed for residential or commercial construction over open framing or solid sheathing. This 2” high mechanically seamed panel is ideal for straight or curved applications.

**Materials**
- 24 and 22 Gauge Steel
- 0.032 and 0.040 Aluminum***

**Specifications**
- **Uses:** Roof, Fascia**
- **Coverage:** 16”
- **Finishes:** Smooth, optional striations
- **Fasteners:** Concealed
- **Applications:** Open framing, solid sheathing
- **Seam:** 2” standing mechanically seamed sidelap
- **Optional:** Snap-on batten cap, extruded vinyl weatherseal on continuous rib

**UL Classification**
- Wind resistance rated
  - UL-580
  - UL-90
  - UL-1897
- Fire resistance rated
  - UL-790*
  - UL-263
  - UL-2218 impact resistance rated*

**ASTM Tests**
- Wind and water resistance tested
  - ASTM E-2140
  - ASTM E-1646
  - ASTM E-1680
  - ASTM E-1592 wind resistance tested
- Fire resistance tested
  - ASTM E-331
  - ASTM E-283

**Florida Product approved**
**ICC-ES Report ESR-3486**
**Corps of Engineers CEGS 07416 approved**

**Installation - Standard**
- Panel is available from the factory in continuous lengths to a maximum of 40’
- May be site formed in continuous lengths with the Berridge SP-21 Roll Former
- Panel is mechanically seamed in the field using the Berridge Zee-Lock Seamer in a single pass
- Optional extruded vinyl weatherseal is required for open framing

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Fascia can not be curved or tapered
*** Aluminum can not be curved or tapered

Pictured Above
- Project: Lexus of Lakeway
- Architect: Castles Design Group, Inc.
- General Contractor: Chasco Constructors
- Installing Contractor: Petersen Dean, Inc.
- Color: Charcoal Grey
The Berridge Single Lock Zee-Lock Panel can be curved or tapered. Its ability to be used over open framing or solid sheathing makes it a versatile panel for both commercial and residential roofing applications. This functionality when combined with its ability to be curved or tapered provides for limitless design options.

**Installation - Curved or Tapered**
*(Roofing applications only)*

- Zee-Lock panels and continuous Zee Rib can be curved on-site using the Berridge ZC-21 Zee-Lock Curving Machine. This can be used in tandem with the SP-21 Roll Former or as a stand alone unit
  - Convex at a minimum of 20’
- Tapered Zee-Lock panels can be formed on-site using the Berridge TZ-21 Roll Former
- Extruded vinyl weatherseal is required for curved applications
- Consult BMC concerning load capacity details

---

*Pictured Below*

**Project:** El Franco Community Center  
**Architect:** Auto Arch Architects  
**General Contractor:** Frost Construction  
**Installing Contractor:** RW Honca Sheet Metal, Inc.  
**Color:** Champagne

*Pictured Right*

**Project:** Sans Lorenzo Coliseum  
**Architect:** Architectural and Engineering Design Group, PSC  
**General Contractor:** Alonso & Carus  
**Installing Contractor:** Iron Work Inc.  
**Color:** Copper-Cote™

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All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
The Berridge Double-Lock Zee-Lock is a 2" high standing seam panel with 16" coverage and is 180-degree mechanically seamed. This panel can be installed over open framing or solid sheathing and is available in both steel and aluminum making it ideal for multiple applications.

**Materials**
- 24 Gauge Steel
- 0.032 and 0.040 Aluminum

**Specifications**
- **Uses:** Roof, Fascia**
- **Coverage:** 16"
- **Finishes:** Smooth, optional striations
- **Fasteners:** Concealed
- **Applications:** Open framing, solid sheathing
- **Seam:** 2" 180° standing mechanically seamed sidelap

**UL Classification**
- Wind resistance rated
  - UL-580*
  - UL-90
  - UL-1897*
- Fire resistance rated
  - UL-790*
  - UL-263
  - UL-2218 impact resistance rated*

**ASTM Tests**
- Wind and water resistance tested
  - ASTM E-2140
  - ASTM E-1646
  - ASTM E-1680
  - ASTM E-1592 wind resistance tested

**FM 4471 approved & 1-150 SH wind rated***

**Florida Product approved***

**Miami Dade approved***

**Texas Department of Insurance listed***

**ICC-ES Report ESR-3486**

**Corps of Engineers CEGS 07416 approved**

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site formed in continuous lengths with the Berridge SP-21 Roll Former
- Panel is mechanically seamed in the field using the Berridge Double-Lock Zee-Lock Seamer in a single pass. The double-lock seam is not available with vinyl weatherseal
- Consult BMC for curving availability

Note: Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Requires flashing break from roof to fascia
*** For metal deckin applications only

**Pictured Above**
- Project: Great Wolf Lodge
- Architect: Ware Malcom Architects
- General Contractor: Turner Construction
- Installing Contractor: Evans Roofing
- Color: Colonial Red
ALTERNATIVE SYSTEM

The Berridge Batten Seam Panel system is a two-part system utilizing the Deep-Vee Panel and square snap-on battens for bold panel lines. This system may be installed over open framing or solid sheathing and uses concealed fasteners to create its smooth, wide seam appearance.

Materials
24 Gauge Steel

Specifications
Uses: Roof, Fascia
Coverage: 16”
Finishes: Smooth
Fasteners: Concealed
Applications: Open framing, solid sheathing
Batten Profile: 2” wide and 1 ¾” high snap-on batten cap

UL Classification
- UL-90 wind resistance rated
- Fire resistance rated
  - UL-790
  - UL-263
- UL-2218 impact resistance rated

Florida Product approved

Installation
- Panel and cap are available from the factory in continuous lengths to a maximum of 40’
- May be site formed in continuous lengths with the Berridge BP-21 Roll Former

Pictured Above
Project: Cooks Hospital
General Contractor: Linebeck Group, LLS
Installing Contractor: Jeff Eubank Roofing Co.
Color: Custom Rich Blue

Pictured Right
Project: Southwest Coil
Architect: PSRBB Industrial Group Inc.
General Contractor: Reid & Associates
Installing Contractor: Tadco Roofing
Color: Patina Green

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Berridge Bermuda Panel

ALTERNATIVE SYSTEM

The Berridge Bermuda Panel system provides a traditional Bermuda look. The panels can be formed in continuous lengths for roof, fascia or mansards. The strong horizontal lines create a smooth, stepped appearance and provide a great way to achieve this classic look.

Materials
24 Gauge Steel

Specifications
Uses: Roof, Fascia, Mansard
Coverage: 11"
Finishes: Smooth, optional wood grain texture
Fasteners: Concealed
Applications: Solid sheathing
Panel Height: 1" seam
Optional: Vinyl weatherseal

UL Classification
- UL-90 wind resistance rated
- UL-790 fire resistance rated
- UL-2218 impact resistance rated

Florida Product approved

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site formed in continuous lengths with the Berridge BP-14 Roll Former

Pictured Above and Right
Project: San Clemente Office Park
Architect: Boka Powell
General Contractor: Zapalac/Reed
Installing Contractor: Texas Fifth Wall
Color: Champagne
Berridge S-Tile

SIMULATED TILE SYSTEM

The Berridge S-Tile system provides a stylish and lightweight alternative to other roof systems. This economical exposed fastener panel, with a coverage of 32 11/16”, offers a simulated tile appearance.

Materials
24 Gauge Steel

Specifications
Uses: Roof
Coverage: 32 11/16”
Finishes: Smooth
Fasteners: Exposed
Applications: Solid sheathing
Tiles: 14” step lengths and 1 1/2” tall

UL Classification
- Wind resistance rated
  - UL-580
  - UL-1897
- UL-790 fire resistance rated
- UL-2218 impact resistance rated

ASTM Tests
- ASTM E-1592 wind resistance tested

Florida Product approved
Miami Dade approved
Texas Department of Insurance listed

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40’

Pictured Above
Project: Roosevelt Zoo Park
Architect: Anderson, Wade & Whitty
General Contractor: Rolac Contracting
Installing Contractor: Johnson Roofing
Color: Terra-Cotta
Image: Courtesy of S. Martens; Buildings of North Dakota. 2015, University of Virginia Press

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
The Berridge Spanish Tile system is a durable way to achieve a Spanish tile look. This significantly lighter than clay option is applied over the Deep-Vee Panel and provides longer longevity and increased durability over the clay alternative due to the benefits of using high strength steel instead of clay.

**Materials**
24 Gauge Steel

**Specifications**
- Uses: Roof
- Coverage: 8" wide x 16" long
- Finishes: Smooth
- Fasteners: Concealed
- Applications: Open framing, solid sheathing
- Tiles: 8" wide and 2" tall
- Optional: Custom mixed color palette

**UL Classification**
- Wind resistance rated
  - UL-580
  - UL-1897
- UL-790 fire resistance rated
- UL-2218 impact resistance rated

**Florida Product approved**

**Texas Department of Insurance listed**

**Installation**
- Individual factory formed tiles are installed on top of Deep-Vee factory formed panels to a maximum of 40'
- Deep-Vee panels may be site formed in continuous lengths with the Berridge SP-14 Roll Former
Berridge Fish Scale Shingles

SHINGLE SYSTEM

The Berridge Fish Scale shingle duplicates the historical look of wood fish scale shingles while providing a more durable, lifelong option. This product can be used on walls, steep mansards and fascia applications (80°+) with solid sheathing. The shingles are lightly textured and scalloped to resemble real wood.

Materials
24 Gauge Steel

Specifications
Uses: Walls, Steep Mansards, Fascia
Finishes: Lightly textured and scalloped
Fasteners: Concealed
Applications: Solid sheathing
Coverage: 8 1/2" tall and 11 1/2" wide

Installation
• Factory formed prefinished tiles

Pictured Above
Project: Krehbiel Scholarship Hall
Architect: TreanorHL Architects
General Contractor: B. A. Green Construction Inc.
Installing Contractor: Diamond Everley Roofing
Color: Parchment
Image: Photo courtesy of TreanorHL Architects, photography taken by Architectural Fotographics

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Berridge Victorian & Classic Shingles

SHINGLE SYSTEM

The Berridge Victorian and Classic Shingles create a traditional design look. This versatile product can be used in residential or commercial applications over solid wood sheathing on both roofs and walls making it ideal for restoration projects or new construction requiring a historic victorian or classical traditional feel.

Materials
24 Gauge Steel

Specifications
Uses: Roof, Wall, Fascia
Finishes: Victorian or Classic embossed pattern
Fasteners: Concealed
Applications: Solid sheathing
Coverage: 9" wide and 12" tall

UL Classification
- Wind resistance rated
  - UL-580
  - UL-1897

Florida Product approved
Miami Dade approved
Texas Department of Insurance listed

Installation
- Factory formed prefinished tiles

Pictured Above
Panel: Classic
Project: Sinclair Hille Studio
Architect: Sinclair Hille
General Contractor and Installer: Brester Construction
Color: Zinc Grey

Pictured Right
Panel: Victorian
Berridge HS-8 and HS-12 Panels

WALL, SOFFIT, CEILING AND FASCIA PANEL SYSTEM

The Berridge HS-8 and HS-12 metal wall panels are designed for horizontal and vertical wall applications. Both panels interlock with each other and with the Berridge HR-16 and HC-16 wall panels to provide endless design opportunities. The panels provide a wide rib appearance and can be used on open framing or solid sheathing applications.

Materials
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications
Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: HS-8 • 8”
         HS-12 • 12”
Finishes: Standard stucco embossed, optional smooth**
Fasteners: Concealed
Applications: Vertical on Fencing (see page 41); horizontal or vertical over open framing or solid sheathing for other uses
Pattern: HS-8 • 7/8” height and 5 5/8” rib with 2” reveal
         HS-12 • 7/8” height and 9 5/8” rib with 2” reveal

ASTM Tests
- ASTM E-1592 wind resistance tested*
- Wind and water resistance tested (see page 9 for details)
  - ASTM E-331*
  - ASTM E-283*

Florida Product approved*
Texas Department of Insurance listed*

Installation
- Panel is available from the factory in continuous lengths to a maximum of 30’ for embossed panels
- Interlocks with each other, HR-16 and HC-16 panels

Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum
** Contact BMC for limited material availability.
   Smooth finish is not available for all applications.

Pictured Above
Project: Lone Star College Creekside Center
Architect: PBK Architecture
General Contractor: Durotech
Installing Contractor: Pyramid Water Roofing
Color: Zinc Grey

Detail of HS-12 & HS-8 panel interlock

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Berridge HR-16 Panel

WALL AND FASCIA PANEL SYSTEM

The Berridge HR-16 metal wall panel is a versatile and maintenance free panel that can be installed horizontally or vertically. This multi-purpose panel provides a 4” narrow rib appearance that can be used on open framing or solid sheathing applications and can interlock with the HC-16 and HS panel profiles.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Wall, Fascia, Screen Wall, Berridge Fencing System
Coverage: 16”
Finishes: Smooth
Fasteners: Concealed
Applications: Vertical on Fencing (see page 41); horizontal or vertical over open framing or solid sheathing
Pattern: 7/8” height and 4” rib with 2” reveal

ASTM Tests
- ASTM E-1592 wind resistance tested*
- Wind and water resistance tested
  - ASTM E-331*
  - ASTM E-283*

Florida Product approved*
Miami Dade approved
Texas Department of Insurance listed

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40’
- Interlocks with HC-16 and HS panels

Pictured Above
Project: Anne Frank Inspire Academy
Architect: RVK Architects
General Contractor: Turner Construction Company
Installing Contractor: Cram Roofing Company
Color: Terra-Cotta

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The Berridge HC-16 Panel is a concealed fastener 7/8” deep corrugated metal wall panel which can be installed horizontally or vertically. This multipurpose panel provides a traditional corrugated appearance without the use of exposed fasteners. The panel is available in 24 gauge and 22 gauge steel and 0.032 and 0.040 aluminum and can interlock with Berridge’s HR and HS panel profiles for maximum design flexibility.

**Materials**
- 24 and 22 Gauge Steel
- 0.032 and 0.040 Aluminum

**Specifications**
- Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall
- Coverage: 16”
- Finishes: Smooth
- Fasteners: Concealed
- Applications: Horizontal or vertical over open framing or solid sheathing

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40’
- Interlocks with HR-16 and HS panels

**ASTM Tests**
- ASTM E-1592 wind resistance tested*
- Wind and water resistance tested (see page 9 for details)
  - ASTM E-331*
  - ASTM E-283*

**Florida Product approved***

Unless otherwise noted, all testing is for steel only

* Approved for steel and aluminum
The Berridge Vee-Panel is a versatile and maintenance free panel. The prefinished wall panels can be used over open framing or solid sheathing. The panel can be used throughout a project in many different applications and is available in smooth or wood grain embossed finishes and a vented option.

**Materials**
24 and 22 Gauge Steel

**Specifications**
- Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
- Coverage: 12 3/4"
- Finishes: Smooth, optional wood grain
- Fasteners: Concealed
- Applications: Vertical over open framing or solid sheathing (see page 41 for fencing information)
- Pattern: 4 1/4" between grooves, optional venting

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Vented option provides 6.46 square inches of Net Free Vent Area (NFVA) per linear foot of panel. (BMC does not recommend vented products in applications subject to aggressive atmospheres, marine environments or high humidity due to the corrosive nature of these environments on raw edges of steel.)
The Berridge FW-1025 and FW-12 Panels can be installed on wall, soffit and liner applications. The prefinished metal wall panels can be used over open framing or with solid sheathing. Additionally, the panel can be ordered smooth, with vee-grooves, striated, vented or with a stucco texture thus allowing for countless design options.

Materials
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications
Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall
Coverage: FW-1025: 10 ¼"; FW-12: 12"
Finishes: Smooth, optional stucco embossed
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: Optional vee-grooves, striations or venting
Optional: Seam lock feature

ASTM Tests
- ASTM E-1592 wind resistance tested*
- Wind and water resistance tested
  - ASTM E-331*
  - ASTM E-283*

Florida Product approved*
Miami Dade approved

Texas Department of Insurance listed*

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Vented option provides 7.79 square inches of Net Free Vent Area (NFVA) per linear foot. (BMC does not recommend vented products in applications subject to aggressive atmospheres, marine environments, or high humidity due to the corrosive nature of these environments on raw edges of steel.)

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Standard with two grooves</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 ¼&quot; Coverage (260 mm)</td>
</tr>
<tr>
<td></td>
<td>3.4&quot; (86 mm)</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Available without grooves</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Available with striations</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Available with vents</td>
</tr>
</tbody>
</table>

* Approved for steel and aluminum

Pictured Above
Project: Livingston High School
Architect: Rozas-Ward Architects, Inc.
General Contractor: Gibbs Construction
Installing Contractor: Orleans Sheet Metal Works & Roofing
Color: Buckskin

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
The Berridge L-Panel is a versatile and maintenance free panel for use on soffit, ceilings or fascia. The prefinished panels can be used over open framing or solid sheathing. The smooth, stucco embossed and vented options allow this panel to be used throughout a project for many different applications.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Soffit, Ceiling, Fascia, Screen Wall
Coverage: 11 5/8"
Finishes: Smooth, optional stucco embossed
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
Pattern: Optional vee-grooves and venting

ASTM Tests
- ASTM E-1592 wind resistance tested

Miami-Dade approved
Texas Department of Insurance listed

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- May be site-formed using the Berridge FP-16 Roll Former
- Vented option provides 5.19 square inches of Net Free Vent Area (NFVA) per linear foot of panel. (BMC does not recommend vented products in applications subject to aggressive atmospheres, marine environments or high humidity due to the corrosive nature of these environments on raw edges of steel.)
Berridge B-6 Panel

WALL, SOFFIT, CEILING AND FASCIA PANEL SYSTEM

The Berridge B-6 Panel is a corrugated, maintenance free, prefinished and extremely strong 6" wide panel with an extruded vee-groove appearance. This versatile panel is well-suited for wall, soffit, ceiling and fascia and can be installed over open framing or solid sheathing providing an extruded vee-groove pattern.

Materials
24 Gauge Steel

Specifications
Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 6"
Finishes: Smooth
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing (see page 41 for fencing information)
Pattern: Extruded vee-groove

ASTM Tests
- ASTM E-330 wind resistance tested

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40’
- Panel may be used on curved walls but the panel itself does not curve. Consult the Berridge technical department for installation details at technical@Berridge.com

Pictured Above
Project: Post S. Lamar
Architect: LRK Architects
General Contractor: Rampart Construction
Installing Contractor: Greater Dallas Roofing, LLC
Color: Terra-Cotta

Pictured Right
Interior Installation Example
The Berridge Flush Seam Panel is a prefinished panel that can be installed vertically over open framing or solid sheathing. Its stucco embossed, or optional wood grain, texture provides a soft, uniform reflectivity and an overall flat appearance on walls, soffit, ceilings or fascia.

**Materials**

24 Gauge Steel

**Specifications**

Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System  
Coverage: 3 7/8"  
Finishes: Stucco embossed, optional wood grain  
Fasteners: Concealed  
Applications: Vertical over open framing or solid sheathing (see page 41 for fencing information)

**ASTM Tests**

- ASTM E-330 wind resistance tested  
- ASTM E-283 wind and water resistance tested

**Florida Product approved**

**Installation**

- Panel is available from the factory in continuous lengths to a maximum of 40'  
- Panel may be used on curved walls but the panel itself does not curve. Consult the Berridge technical department for installation details at technical@Berridge.com

**Pictured Above**

Project: Corradi Arms Condominiums  
Architect: La Canada Design Group  
General Contractor: CARR Construction  
Installing Contractor: Pacific Metal Roofing  
Color: Royal Blue and Preweathered Galvalume®

**Pictured Right**

Interior Installation Example
The Berridge Thin-Line Panel is a versatile, maintenance-free, prefinished metal panel that includes a channel drain interlock. It can be installed vertically over open framing or solid sheathing on walls, soffit, ceilings or fascia providing a narrow panel line in a smooth, wood grain or stucco embossed finish.

Materials
24 Gauge Steel

Specifications
Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall, Berridge Fencing System
Coverage: 3 5/8"
Finishes: Smooth, optional wood grain or stucco embossed
Fasteners: Concealed
Applications: Vertical over open framing or solid sheathing
(see page 41 for fencing information)

ASTM Tests
- ASTM E-330 wind resistance tested

Florida Product approved

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Panel includes a channel drain interlock
- May be site formed in continuous lengths with the Berridge TL-6 Roll Former
The Berridge Double-Rib Panel is an exposed fastener panel for use over solid sheathing. The panel covers 24" with a double-rib seam overlap. This wide, economical panel provides a traditional appearance and is ideal for residential or utility applications over solid sheathing.

**Materials**
24 Gauge Steel

**Specifications**
- **Uses:** Roof
- **Coverage:** 24"
- **Finishes:** Smooth
- **Fasteners:** Exposed
- **Applications:** Solid sheathing

**UL Classification**
- UL-90 wind resistance rated
- UL-2218 impact resistance rated
- UL-790 fire resistance rated

**Florida Product approved**

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'

**Pictures**
- Above: Project: Morgan Stanley Building
  - Architect: KP Studio
  - General Contractor: Edwards Construction
  - Installing Contractor: Lodi Metals
  - Color: Satin Finish Galvalume

- Right: Project: Ruby Hardson Building
  - Architect: KP Studio
  - General Contractor: Edwards Construction
  - Installing Contractor: Lodi Metals
  - Color: Forest Green
The Berridge Deep-Deck Panel is a prefinished corrugated panel with a 7.2" rib spacing. This economical 36" wide panel, with structural properties, can be installed with exposed fasteners horizontally or vertically over open framing or solid sheathing. Deep-Deck is available in two substrate choices and is ideal for a variety of applications.

**Materials**
- 24 and 22 Gauge Steel
- 0.032 and 0.040 Aluminum

**Specifications**
- **Uses:** Roof, Wall, Soffit, Ceiling, Fascia, Sheathing, Screen Wall
- **Coverage:** 36"
- **Finishes:** Smooth
- **Fasteners:** Exposed
- **Applications:** Vertical or horizontal** over open framing or solid sheathing

**UL Classification**
- UL-90 wind resistance rated
- UL-790 fire resistance rated
- UL-2218 impact resistance rated

**ASTM Tests**
- ASTM E-1592 wind resistance tested*
- Wind and water resistance tested
  - ASTM E-1646 tested*
  - ASTM E-1680 tested*

**Florida Product approved***
- Unless otherwise noted, all testing is for steel only.
* Approved for steel and aluminum
**Horizontal on wall applications only

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Structural properties allow it to be utilized as a sheathing option

*Approved for steel and aluminum
**Horizontal on wall applications only
The Berridge S-Deck Panels are corrugated structural metal and can be installed horizontally or vertically with exposed fasteners. S-Deck may be curved making it ideal for use over covered walkways and shelters. This panel is available in two coverage options, two substrate options and is ideal for a variety of uses.

**Materials**
24 and 22 Gauge Steel  
0.032 and 0.040 Aluminum

**Specifications**
Uses: Roof, Wall, Soffit, Ceiling, Fascia, Sheathing, Screen Wall  
Coverage: 32" and 34 2/3"  
Finishes: Smooth  
Fasteners: Exposed  
Applications: Vertical or horizontal** over open framing or solid sheathing  
Optional: Factory curved for limited applications

**UL Classification**
- UL-790 fire resistance rated  
- UL-2218 impact resistance rated

**ASTM Tests**
- ASTM E-1592 wind resistance tested*

**Florida Product approved***

**Texas Department of Insurance listed**

Unless otherwise noted, all testing is for steel only.
* Approved for steel and aluminum  
**Horizontal on wall applications only

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'  
- Structural properties allow it to be utilized as a sheathing option

**Factory Curved S-Deck Installation Requirements**
- Available in 32” exposure panels only  
- Lapping of two corrugations on panel side lap is recommended  
- Exposure: 29 ½” with two laps; 32” with one lap  
- Add 6" to 8" extra to all panel lengths  
- 5” Minimum radius (10’ minimum radius for 22 gauge)

*Pictured Above*
Project: Dell Diamond  
Architect: HKS, Inc.  
General Contractor: Chasco Contracting  
Installing Contractor: Brinkman Roofing  
Color: Lead-Cote™
The Berridge "M" Panel is a wide, economical panel providing 36" of coverage for vertical and horizontal applications with exposed fasteners. This versatile corrugated panel can be used over open framing or solid sheathing providing endless design possibilities.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Roof, Wall, Soffit, Ceiling, Fascia, Mansard,
Sheathing, Screen Wall
Coverage: 36"
Finishes: Smooth corrugated
Fasteners: Exposed
Applications: Vertical or horizontal** over open framing
or solid sheathing

UL Classification
• UL-90 wind resistance rated
• UL-2218 impact resistance rated
• UL-790 fire resistance rated

Florida Product approved
Unless otherwise noted, all testing is for steel only.
**Horizontal on wall applications only

Installation
• Panel is available from the factory in continuous lengths to a maximum of 40'
• Structural properties allow it to be utilized as a sheathing option

Pictured Above
Project: Laramire Recreation Center
Architect: Ohlson Lavoie Collaborative of Denver, CO
General Contractor: Sampson Construction
Installing Contractor: Taylor Kohrs of Denver
Color: Almond, Sierra Tan

Pictured Right
Project: Laramire Ice Arena
Architect: Ohlson Lavoie Collaborative of Denver, CO
General Contractor: JC Construction of Laramie
Installing Contractor: JC Construction of Laramie
Color: Almond
The Berridge "R" Panel is a wide, economical panel providing 36" of coverage for vertical or horizontal applications. Similar to the "M" Panel, this exposed fastener panel provides a different pattern option for a wide range of applications.

Materials
24 and 22 Gauge Steel
0.032 Aluminum

Specifications
Uses: Roof, Wall, Soffit, Ceiling, Fascia, Mansard, Sheathing, Screen wall
Coverage: 36"
Finish: Smooth corrugated
Fasteners: Exposed
Applications: Vertical or horizontal** over open framing or solid sheathing

UL Classification
- UL-90 wind resistance rated
- UL-2218 impact resistance rated
- UL-790 fire resistance rated

Florida Product approved

Unless otherwise noted, all testing is for steel only.
**Horizontal on wall applications only

Pictured Above and Right
Project: Liberty Christian School
Architect: FJLC & Associates
General Contractor: Joeris General Contractors
Installing Contractor: Roof Management Services, Inc.
Color: Sierra Tan
Berridge Fluted Fascia

SPECIALTY APPLICATION SYSTEM

The Berridge Fluted Fascia interlocking panels provide a fluted texture for large expansive walls, fascia or steep mansards. The interlocking feature increases wind resistance and allows for multiple application uses. The large fluted, interlocking panels run 34 ½" long and 10" tall with a ⅜" depth.

Materials
24 Gauge Steel

Specifications
Uses: Walls, Fascia, Steep Mansards
Coverage: 34 ½" X 10"
Finishes: Fluted
Fasteners: Concealed
Applications: Horizontal over solid wood sheathing

ASTM Tests
• ASTM E-330 wind resistance tested

Florida Product approved

Installation
• Panel is available from the factory in full square quantities of 42 panels per square
• Interlocking Panel
• Install horizontally from the top left of wall working down and right
• Mansards must be 45° or more

Pictured Above
Project: Austin Convention Center
Architect: 
General Contractor: Port Enterprises
Color: Champagne

Pictured Right
Project: Scottsdale Crossing
Architect: Nelsen Partners
General Contractor: Whiting Turner
Installing Contractor: Total Metals
Color: Zinc-Cote™

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
The Berridge Curved Flat Seam Panel is a prefinished flat seam metal panel system that uses concealed fasteners to create a smooth, flat uniform look. The 8" wide panels are hand curved over solid sheathing and are ideal for commercial fascia applications.

**Materials**
24 Gauge Steel

**Specifications**
- **Uses:** Fascia
- **Coverage:** 8"
- **Finishes:** Smooth
- **Fasteners:** Concealed
- **Applications:** Curved over solid sheathing

**Installation**
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Hand curved over solid sheathing
- Minimum radius is 2' 0"

**Pictured Above**
- Project: Planet Ford
- Architect: Gant Architects
- General Contractor: Tableau Construction
- Installing Contractor: Underwood Sheet Metal
- Color: Acrylic-Coated Galvalume®
The Berridge Architectural Privacy Fencing utilizes Berridge’s Spaceframe 24 gauge metal studs, track and blocking combined with a wide selection of factory produced Berridge panels and 16 gauge posts to create maintenance free fences that compliment and match any design.

**Materials**
- 24 Gauge Steel Spaceframe Components
- 16 Gauge Galvanized Steel Posts

**Specifications**
- **Uses:** Fencing
- **Fence Heights:** 4' 2", 6' 2", 8' 2" and 10' 2"
- **Panel Widths:** Vary by panel choice. Available in seven Berridge 24 gauge panels: Vee-Panel, Flush Seam, Thin Line, B-6, HS-8/HS-12, or HR-16
- **Finishes:** Vary by panel choice
- **Fasteners:** Interlock with concealed fasteners

**Features:**
- Fire resistant and termite proof
- High strength, all steel construction with higher wind rating than alternate products
- Permanent: will not rot, fade, crack or split
- 100% recyclable, produced from 32.9% pre-consumer and post-recyclable material
- Limited wood grain and stucco embossing available

**Installation**
- Posts are spaced 10' 2 1/2" O.C. for single posts or 10' 5" O.C. for double posts, in lieu of 8 feet O.C. with wood posts
- Vertical interlocking panels with concealed fasteners
- Can be installed on level or sloped applications

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
The Berridge Spaceframe Building System components are used for the construction of light-commercial and residential projects. The components provide a termite proof, fire resistant and a stronger option over wood materials. This system can be used with metal roofing, siding or any other standard building material. It is lightweight, will not mold or rot, and is composed of recyclable material.

**Materials**  
24 and 16 Gauge Steel

**Specifications**  
Uses: Framing

**Installation**  
- Consult www.berridge.com for details

### PHYSICAL PROPERTIES

<table>
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<tr>
<th></th>
<th>Thickness (in)</th>
<th>Depth (in)</th>
<th>Flange (in²)</th>
<th>Lip (in)</th>
<th>Weight (lb/ft)</th>
<th>Ag (in²)</th>
<th>Ix (in⁴)</th>
<th>Sx (in³)</th>
<th>Ly (in³)</th>
<th>Sy (in³)</th>
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<th>ry (in)</th>
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<td>0.535</td>
<td>0.157</td>
<td>0.252</td>
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<td>0.043</td>
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### TORSIONAL PROPERTIES

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<th>J (in⁴)</th>
<th>Cw (in⁶)</th>
<th>Xo (in)</th>
<th>Ae (in⁴)</th>
<th>Ix (in⁴)</th>
<th>Sx (in³)</th>
<th>Tension (lbs)</th>
<th>Moment (lbs•ft)</th>
<th>Shear (lbs)</th>
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<td>24-Gauge &amp; 16-Gauge Framing Member Components</td>
<td>Weight/LF</td>
<td>A(in²) (Full)</td>
<td>I (Effective) in⁴</td>
<td>Allow Moment (in. - kips)</td>
<td>Allow. Shear (kips)</td>
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<td>Hat Section Purlin 24-Gauge</td>
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Notes for 24 GA (0.60 mm) & 16 GA (1.52 mm) shapes:
1. Values based on 2007 North American Specification for the Design of Cold-Formed Steel Structural members, with compression flange braced against lateral buckling.
2. Net section properties are used for resisting moment determination and allowable shear loads.
3. Minimum yield strength = 40 ksi for 24 gauge shapes and 50 ksi for 16 gauge shapes (galvanized steel material).
4. E = 29,500 ksi.
5. Values are for upward and downward loads.
6. T.I.C. = Top in compression
7. B.I.C. = Bottom in compression.

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Berridge Manufacturing Company is registered with the AIA Continuing Education System (AIA/CES) and is committed to developing quality learning activities in accordance with the CES criteria. Please call Berridge’s Staff Architect at (800) 231-8127 to schedule a seminar.

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