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

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
- Dodge Global Network

Support provided for:
- Watertightness Warranty projects
- Technical support
- Marketing support

For more information contact info@Berridge.com

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
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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, technical support and access to the Berridge Dodge Lead Program. For more information please contact the Berridge Sales Department at sales@berridge.com.
Coating System

Water-base acrylic solution is applied onto both surfaces of the sheet. It is roll coated at the mill to form a uniform, thin film that contributes to a long-term surface brightness when exposed to the environment. The coating decreases finger printing or foot printing during installation and transit, and improves field storage performance without causing staining. It offers dramatic enhancements, including:
- Good roll-formability without the need for oils
- Excellent aesthetics of the installed Galvalume®
- These enhancements combine the corrosion resistance of Galvalume® steel sheet with a clear acrylic coating that is applied over Galvalume® substrate.

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™
- Antique Copper-Cote
- Champagne
- Zinc-Cote™
- Preweathered Galvalume®
- 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 clear acrylic coating that is applied over Galvalume® substrate. The surface treatment is essentially invisible but it 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 rolling a uniform, thin film of a water-base acrylic solution onto both surfaces of the sheet.

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. Unpainted metal shall be aluminum-zinc alloy coated (AZ-55 Acrylic Coated 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
THE BERRIDGE COMMITMENT

SUSTAINABLE COOL METAL ROOFING

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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<tr>
<td>Aged Bronze</td>
<td>0.30</td>
<td>0.86</td>
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<tr>
<td>Almond</td>
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<td>Buckskin</td>
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<tr>
<td>Cityscape</td>
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<tr>
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<td>Hemlock Green</td>
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<tr>
<td>Acrylic-Coated Galvalume®</td>
<td>0.67</td>
<td>0.20</td>
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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.

**Solar Reflectance:** Berridge Cool Colors reflect a percentage of solar radiation.

**Thermal Emissivity:** Relative ability of roof surface to emit/release absorbed heat.

**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

Premium Colors

Berridge premium colors require a nominal surcharge.

Metallic Colors

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

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.

Energy Star is only valid in the United States.

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

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

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
## Berridge Product Application & Index

### AVAILABLE IN ALL BERRIDGE COLORS AND INCLUDE THE BERRIDGE 20-YEAR PAINT FINISH WARRANTY

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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.
** Mansards only
\( \square \) Vertical application only
\( \bigcirc \) Panel does not curve but can be installed on a curved wall

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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. 1½” 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 2218 - 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.
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 be used in curved and tapered applications.

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

Specifications
Uses: Roof, Fascia**
Coverage: 12 ¾"
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
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 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: ISHA - Adiyogi: the Adobe of Yoga  
Architect: Kennon | Colhoun Workshop  
General Contractor: TRC  
Installer: Village Roofing Co., Inc.  
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*

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
- Straight Tapered High Seam Tee-Panels can be formed on site with the Berridge SL-24 Roll Former and can not be curved
- High Seam Tee-Panels can not be compound curved

---

**Pictured Below**  
Project: Warren Township Municipal Building  
Architect and General Contractor: Kluber Architects  
Installing Contractor: Metalmaster Roofmaster  
Color: Royal Blue

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

18" Coverage (457 mm)
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.
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

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
* 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 Zee Rib can be curved in continuous lengths 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™
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 decking applications only

Pictured Above
Project: Great Wolf Lodge
Architect: Ware Malcom Architects
General Contractor: Turner Construction
Installing Contractor: Evans Roofing
Color: Colonial Red
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
- Seam: 2" wide and 1 3/4" 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
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
- **Seam:** 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 30’
- May be site formed in continuous lengths with the Berridge BP-14 Roll Former

_Pictured Above and Right_
Project: East Texas Medical Center
Architect: HGA
General Contractor: Vaughn Construction
Installing Contractor: Curtis-McKinley Roofing
Color: Lead Cote™
Berridge S-Tile

SIMULATED TILE SYSTEM

The Berridge S-Tile system creates a clean, crisp simulated tile appearance with prefinished metal. The continuous, up to 40' long, eave-to-ridge panels provide fast installation without endlaps and are only 1.2 lbs/ft² providing a professional, high-end look with minimal weight and installation expense.

Materials
24 Gauge Steel

Specifications
Uses: Roof
Coverage: 32 11/16”
Finishes: Smooth
Fasteners: Exposed
Applications: Solid sheathing
Tiles: 14” step lengths and 1½” 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
Berridge Spanish Tile

SIMULATED TILE SYSTEM

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

Pictured Above
Project: ASU Richardson Hall
Architect: OZ Architecture
General Contractor: G. H. Phipps Construction
Installing Contractor: Central States Roofing Company, Inc.
Color: Terra-Cotta
US Green Building Council LEED® Silver Award Winner

Pictured Right
Color: Custom mixed palette
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 ½" tall and 11 ½" 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
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 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 embossing, optional smooth**
Fasteners: Concealed
Applications: Vertical on Fencing (see page 40); 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 or HR-16

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 Waterproofing
Color: Zinc Grey

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 HS-8 and HS-12 panels.

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 40); horizontal or vertical over open framing or solid sheathing for other uses
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

Unless otherwise noted, all testing is for steel only
* Approved for steel and aluminum

Installation
- Panel is available from the factory in continuous lengths to a maximum of 40'
- Interlocks with itself and HS-8 or HS-12

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

Detail of HR-16 Panel
Interlock
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 40 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.)

Pictured Above
Project: Jones 13 Living
Architect: Holland Basham Architects
General Contractor: Scott Enterprises, Inc.
Installing Contractor: Darland Corporation
Color: Zinc Grey

Pictured Right - Top
Vented Example

Pictured Right - Bottom
Project: 21st Montana
Architect: William Hefner
General Contractor: Pacific Cove Development
Installing Contractor: Barkley Sheet Metal
Color: Zinc-Cote®
Berridge FW-1025 & FW-12 Panels

WALL, SOFFIT, CEILING AND FASCIA PANEL SYSTEM

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: 10¼”; FW-12: 12”
Finishes: Smooth, optional stucco emboss
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.)

Materials
24 and 22 Gauge Steel
0.032 and 0.040 Aluminum

Specifications
Uses: Wall, Soffit, Ceiling, Fascia, Screen Wall
Coverage: FW-1025: 10¼”; FW-12: 12”
Finishes: Smooth, optional stucco emboss
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.)
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 emboss
- **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.)

---

**Pictured Above**
- Project: Lexus of Lakeway
- Architect: Castles Design Group, Inc.
- General Contractor: Chasco Constructors
- Installing Contractor: Petersen Dean, Inc.
- Color: Shasta White

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All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
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 40 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
Applications: Vertical over open framing or solid sheathing (see page 40 for fencing information)
Fasteners: Concealed

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

Florida Product approved

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 40 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

Pictured Above
Project: ACPE Federal Credit Union
Architect: Vaught Frye Larson Architects
General Contractor: Delta Construction, Inc.
Installing Contractor: Advanced Roofing Technologies
Color: Terra-Cotta

Pictured Right
Soffit example
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:** Vertical over 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'
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 corrugated
Fasteners: Exposed
Applications: Vertical on Roof; vertical or horizontal over open framing or solid sheathing for other uses

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

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: NOBAY Village
Architect: WMB-ROI Architecture
General Contractor: RODDA Construction, Inc.
Installing Contractor: CA Systems
Color: Acrylic-Coated Galvalume®
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 corrugated
- Fasteners: Exposed
- Applications: Vertical on Roof; vertical or horizontal over open framing or solid sheathing for other uses
- 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

**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)

*Approved for steel and aluminum
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 on Roof or Mansard; vertical or horizontal over open framing or solid sheathing for other uses

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'
- Structural properties allow it to be utilized as a sheathing option
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"
- Finishes: Smooth corrugated
- Fasteners: Exposed
- Applications: Vertical on Roof or Mansard; vertical or horizontal over open framing or solid sheathing for other uses

**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.

**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
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 1/2" long and 10" tall with a 3/8" depth.

Materials
24 Gauge Steel

Specifications
Uses: Walls, Fascia, Steep Mansards
Coverage: 34 1/2" 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 and Right
Project: Scottsdale Crossing
Architect: Nelsen Partners
General Contractor: Whiting Turner
Installing Contractor: Total Metals
Color: Zinc-Cote™
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 ½” 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
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 light weight, 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

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### Torsional Properties

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<th>X₀ (in)</th>
<th>Aₑ (in²)</th>
<th>Iₓ (in⁴)</th>
<th>Sₓ (in³)</th>
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All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Thermal & Mechanical Considerations

- **Insulation**
  The space between the old and new roof allows for low-cost, blanket insulation to greatly reduce heating and cooling costs.

- **Vapor Barrier (if required)**
  A vinyl vapor barrier on the underside of the blanket insulation avoids condensation from the building penetrating the insulation and reaching the framing system and roof panels.

- **Mechanical Equipment**
  Any existing and new mechanical equipment should be located at ground level to reduce penetrations.

- **Ventilation**
  The new attic space should be vented with ridge vents or louvers.

- **Thermal Movement**
  Accommodated at the eaves and with inner-rib expansion joints.

### Problem:
Flat roofs can sometimes become problematic and unsightly with rooftop units, mechanical equipment and pooling water.

### Solution:
Berridge Vantage Point Retrofit Roof System provides a totally new design appearance, hides unsightly mechanical equipment and offers watertight integrity.

Berridge Vantage Point reroofing system combines a new aesthetic look with a simple mechanical attachment over existing flat, built-up roofs that will last for years to come. Vantage Point is more than just a patch-up or a re-roof solution; it is a permanent new roof with a new higher profile which gives your old building a totally new look. The sloped, light-weight, self-supporting metal panels do not need substrate, thus avoiding extra weight and cost. They provide a watertight standing seam that sheds water in contrast to dated, flat, built-up roofs which are subject to water pooling and subsequent leakage. Added insulation may be placed on the existing flat roof.

### Economical Installation — No Tear-Off Required!

### High-Quality Structural/Architectural Panels
The Berridge Zee-Lock, Double-Lock Zee-Lock, Cee-Lock and Tee-Lock architectural/structural standing seam roof systems provide superior aesthetic appearance and excellent performance options. (Pictured in order above.)

### Single-Source Convenience
The installer orders all necessary coil material, components and all pre-cut retrofit roof system framing members from Berridge.

### A Retrofit Design Checklist for Architects & Designers
- **Roof Design**: Low slope to steep mansard profile. Intersecting planes such as hips, dormers and valleys should be kept to a minimum.
- **Penetrations**: Minimize penetrations such as skylights, curbs for roof-mounted heating or air-conditioning units, etc.

---

#### Disclaimer:
Project specific engineering required. Consult the Technical Dept. for pricing. Suggested detail shown above may not be applicable to every project.
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<th>24-Gauge &amp; 16-Gauge Framing Member Components</th>
<th>Weight/LF</th>
<th>$A_{(in^2)}$ (Full)</th>
<th>$I_{(Effective)}$ in$^4$</th>
<th>Allow. Moment (in - kips)</th>
<th>Allow. Shear (kips)</th>
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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

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
Berridge California and Florida Sales Corporations are separate entities from Berridge Manufacturing Company.

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.