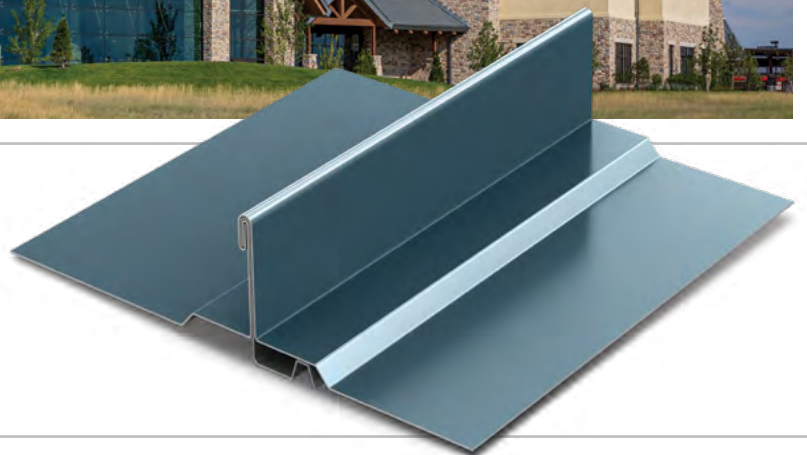


Berridge Double-Lock Zee-Lock Panel

STANDING SEAM SYSTEM



The Berridge Double-Lock Zee-Lock Panel is a structural metal standing seam panel with a 2" high seam that is 180-degree mechanically seamed, making it an ideal roofing choice for any project.



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" 180° standing mechanically seamed sidelap

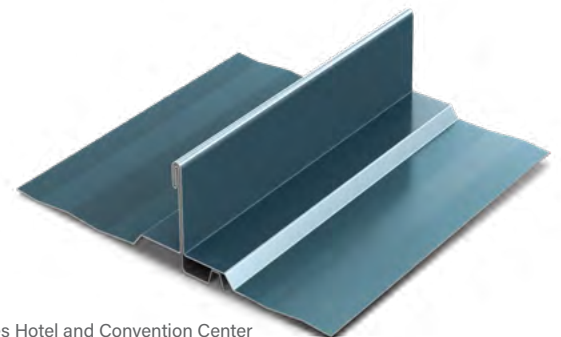
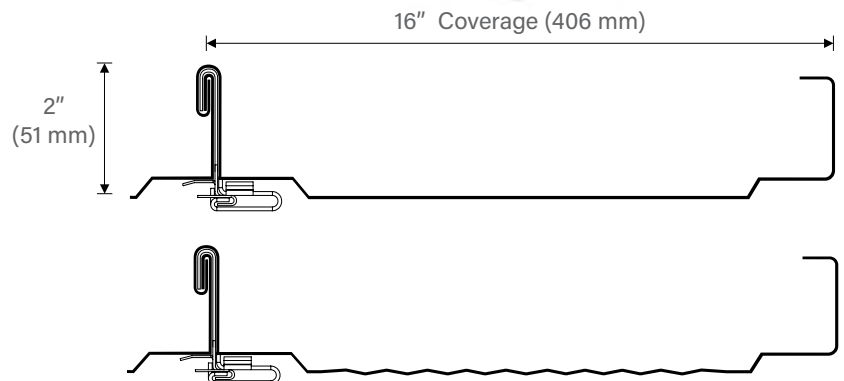
Installation

- 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
- Continuous Zee-Rib without vinyl required for open framing and watertightness warranty
- Stainless steel floating clips are required for aluminum substrate

Note:

* Requires flashing break from roof to fascia

** Consult BMC for 22 Gauge Steel and Aluminum availability



Pictured Above

Project: Gaylord Rockies Hotel and Convention Center

Architect: HKS, Inc.

General Contractor: Mortenson/Welbo JV

Installing Contractor: Flynn BEC, LP

Color: Pre-Weathered Galvalume®

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

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BERRIDGE DOUBLE-LOCK ZEE-LOCK PANEL TESTING AND CERTIFICATION SUMMARY CHART

CATEGORY	CHARACTERISTIC	TEST METHOD	PURPOSE	RESULT
PERFORMANCE	<input type="checkbox"/> Underwriters Laboratories	UL 580/UL 1897	Test method to determine uplift resistance of roof assemblies	See Load Chart on Berridge website
	<input checked="" type="checkbox"/> Uplift Resistance	ASTM E-1592	Test method to determine uplift resistance of open framing systems	See Load Chart on Berridge website
FIRE	<input type="checkbox"/> Room Fire Performance	UL 790	Test methods for fire tests of roof coverings	Class A Rating
	<input checked="" type="checkbox"/> Room Fire Performance	UL 263	Fire tests of building construction and materials	Design Numbers: P225, P227, P230, P237, P250, P259, P508, P510, P512, P514, P518, P701, P711, P713, P717, P719, P720, P722, P723, P726, P731, P732, P734, P801, P815, P819, & P824
ENVIRONMENTAL	<input type="checkbox"/> Impact Resistance	UL 2218	Impact resistance of prepared roof coverings	Class 4 Rating
AIR AND MOISTURE	<input checked="" type="checkbox"/> Static Water Penetration	ASTM E-2140	Test method for water penetration of metal roofs by static water pressure head	Pass
	<input checked="" type="checkbox"/> Water Penetration	ASTM E-1646 ASTM E-331	Test method for water penetration of metal roofs by uniform static air pressure difference	No Leakage at 20.0 PSF Pressure Differential
	<input checked="" type="checkbox"/> Air Leakage	ASTM E-1680 ASTM E-283	Test method for rate of air leakage through exterior metal roofs	1.1 CFM at 6.24 PSF Pressure Differential
ROOF LISTINGS	<input checked="" type="checkbox"/> Factory Mutual Global	FMG 4471	Approval Standards for Class 1 Roofs	Roofnav # 521-0-0 (I-60 SH Wind - Purlins) Roofnav # 522-0-0 (I-120 SH Wind - Purlins) Roofnav # 431756-0-0 (I-120 SH Wind - Steel Deck) Roofnav # 431757-0-0 (I-150 SH Wind - Steel Deck) FL #11159.1 (24 GA - Plywood) FL #11159.2 (24 GA - Steel Deck) FL #11159.3 (22 GA - Steel Deck) FL #11241.4 HVHZ (24 GA - Steel Deck or Plywood) FL #11241.6 HVHZ (0.032 AL - Steel Deck or Plywood) FL #14210.3 (24 GA - Steel Purlins) FL #14210.4 (22 GA - Steel Purlins) FL #15471.1 (24 GA - Plywood) FL #15471.2 (24 GA - Steel Deck) FL #19999.1 (0.032 AL - Plywood) FL #19999.2 (0.032 AL - Steel Deck)
	<input type="checkbox"/> Florida Product Approval	TAS 125 FMG 4471	Local and state approval of products and systems for compliance with the structural requirements of the Florida Building Code	Construction No. 312 (Purlins) Construction No. 335 (Metal Deck) Construction No. 403 (Plywood) Construction No. 608 (Insulated Metal Deck)
	<input checked="" type="checkbox"/> Underwriters Laboratories	UL 580 Uplift Class 90	Standard for Tests for Uplift Resistance of Roof Assemblies	NOA # 17-0808.06 (24 GA - Steel Deck or Plywood) NOA # 20-0902.06 (0.032 AL - Steel Deck or Plywood)
	<input type="checkbox"/> Miami Dade	TAS 125 FMG 4471	Miami Dade County approval of building products directly related to the structural wind resistance	RC-140 (24 GA - Plywood); RC-202 (24 GA - Purlins); RC-276 (22 GA - Purlins); RC-481 (22 GA & 24 GA - Steel Deck); RC-505 (0.032 AL - Steel Deck); RC-506 (0.032 AL - Plywood)
	<input type="checkbox"/> TDI Listed	UL 580 ASTM E-1592	Texas Department of Insurance Listing for wind capacities	ESR-3486
	<input checked="" type="checkbox"/> ICC-ES Report	UL 580	Capacity report by the International Code Counsel	Approved
	<input checked="" type="checkbox"/> CEGS 07416	Structural Standing Seam Metal Roof System	Approval for use on military construction projects	

- Steel only - Steel and Aluminum
 For further details please visit www.Berridge.com



CORPORATE HEADQUARTERS

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