

Berridge Double-Lock Zee-Lock Panel

STANDING SEAM SYSTEM



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 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

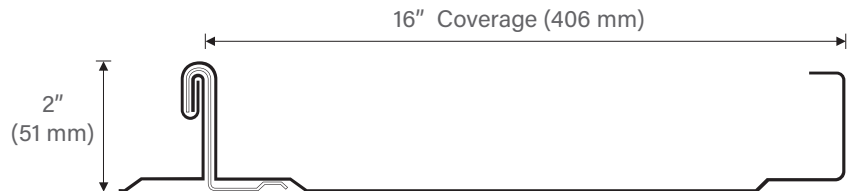
Installation

- 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 availability



Pictured Above

Project: Great Wolf Lodge
Architect: Ware Malcom Architects
General Contractor: Turner Construction
Installing Contractor: Evans Roofing
Color: Colonial Red

Pictured Below
















Project: First United Methodist Church of Richardson
Architect: Good Fulton & Farrell Co.
General Contractor: Andres Construction
Installing Contractor: Cleburne Sheet Metal
Color: Preweathered 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	 Underwriters Laboratories	UL 580/UL 1897	Test method to determine uplift resistance of roof assemblies	See Load Chart on Berridge website
	 Uplift Resistance	ASTM E-1592	Test method to determine uplift resistance of open framing systems	See Load Chart on Berridge website
FIRE	 Room Fire Performance	UL 790	Test methods for fire tests of roof coverings	Class A Rating
	 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	 Impact Resistance	UL 2218	Impact resistance of prepared roof coverings	Class 4 Rating
AIR AND MOISTURE	 Static Water Penetration	ASTM E-2140	Test method for water penetration of metal roofs by static water pressure head	Pass
	 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
	 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	 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# 14210.3 (24 GA-Purlins) FL# 14210.4 (22 GA-Purlins) FL# 17217.1 (24 GA/Floating Clip-Purlins) FL# 11159.2 (24 GA-Steel Deck) FL# 11159.3 (22 GA-Steel Deck) FL# 19999.4 (24 GA/Floating Clip-Steel Deck) FL# 19999.2 (0.032 AL/Floating Clip-Steel Deck) FL# 11159.1 (24 GA-Plywood) FL# 19999.3 (24 GA/Floating Clip-Plywood) FL# 19999.1 (0.032 AL/Floating Clip-Plywood) FL# 15471.2 (HVHZ 24 GA-Insulated Steel Deck) FL# 11241.4 (HVHZ 24 GA-Plywood or Insulated Steel Deck) FL# 15471.1 (HVHZ 24 GA-Plywood)
	 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	FL# 19999.4 (24 GA/Floating Clip-Steel Deck) FL# 19999.2 (0.032 AL/Floating Clip-Steel Deck) FL# 11159.1 (24 GA-Plywood) FL# 19999.3 (24 GA/Floating Clip-Plywood) FL# 19999.1 (0.032 AL/Floating Clip-Plywood) FL# 15471.2 (HVHZ 24 GA-Insulated Steel Deck) FL# 11241.4 (HVHZ 24 GA-Plywood or Insulated Steel Deck) FL# 15471.1 (HVHZ 24 GA-Plywood)
	 Underwriters Laboratories	UL 580 Uplift Class 90	Standard for Tests for Uplift Resistance of Roof Assemblies	Construction No. 312 (Purlins) Construction No. 335 (Metal Deck) Construction No. 403 (Plywood) Construction No. 608 (Insulated Metal Deck)
	 Miami Dade	TAS 125 FMG 4471	Miami Dade County approval of building products directly related to the structural wind resistance	NOA # 17-0808.06
	 TDI Listed	UL 580 ASTM E-1592	Texas Department of Insurance Listing for wind capacities	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-140 (24 GA-Plywood), RC-506 (0.032 AL-Plywood)
	 ICC-ES Report	UL 580	Capacity report by the International Code Counsel	ESR-3486
	 CEGS 07416	Structural Standing Seam Metal Roof System	Approval for use on military construction projects	Approved

 - Steel only

 - Steel and Aluminum

For further details please visit www.berridge.com



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