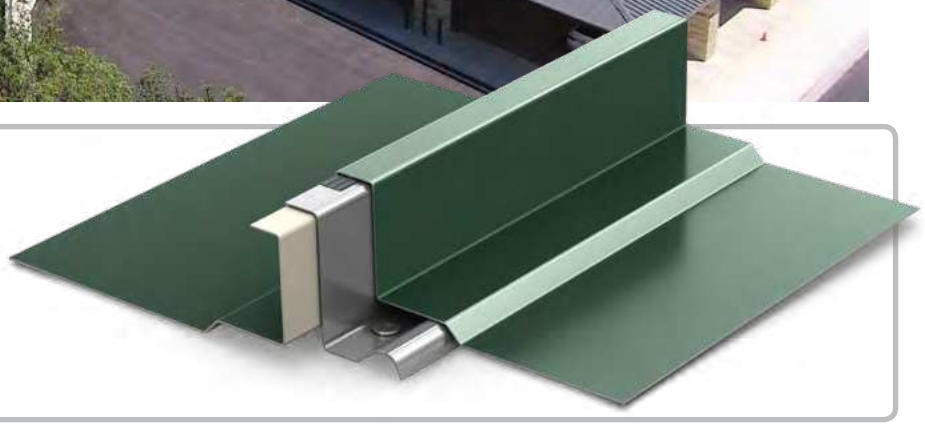
Berridge Zee-Lock Panel

STANDING SEAM SYSTEM



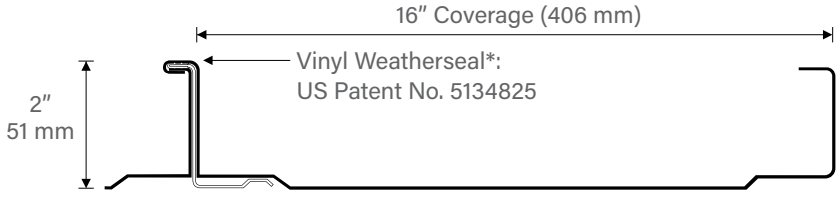
The Berridge Single Lock Zee-Lock architectural metal standing seam panel is designed for residential or commercial construction over open framing or solid sheathing. This 2" high mechanically seamed panel is ideal for straight or curved applications.

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*



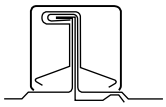
Installation - Standard

- 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
- Continuous Zee-Rib is recommended for open framing and required for watertightness warranty
- Use Stainless Steel Zee-Lock Clip with Aluminum panels
- Optional extruded vinyl weatherseal is required for open framing*
- Optional Snap-On Batten Cap requires the Zee-Lock Batten Clip

Note: Consult Curved/Tapered Zee-Lock Panel data sheet or www.berridge.com for more information on curving and/or tapering

* Vinyl weatherseal required for watertightness warranty

Pictured Above
Project: Lexus of Lakeway
Architect: Castles Design Group, Inc.
General Contractor: Chasco Constructors
Installing Contractor: Petersen Dean, Inc.
Color: Charcoal Grey



BERRIDGE 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 15.0 PSF Pressure Differential
	■	Air Leakage	ASTM E-1680 ASTM E-283	Test method for rate of air leakage through exterior metal roofs	Less than 0.9 CFM at 6.24 PSF Pressure Differential
ROOF LISTINGS	■	Florida Product Approval	TAS 125	Local and state approval of products and systems for compliance with the structural requirements of the Florida Building Code	FL# 14210.3 (24 GA-Purlins) FL# 11159.2 (24 GA-Steel Deck) FL# 11159.3 (22 GA-Steel Deck)
	■	Underwriters Laboratories	UL 580 Uplift Class 90	Standard for Tests for Uplift Resistance of Roof Assemblies	Construction No. 312 (Purlins) Construction No. 335 (Steel Deck) Construction No. 403 (Plywood)
	■	ICC-ES	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 detail please visit www.berridge.com

BERRIDGE
Roofs of Distinction

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