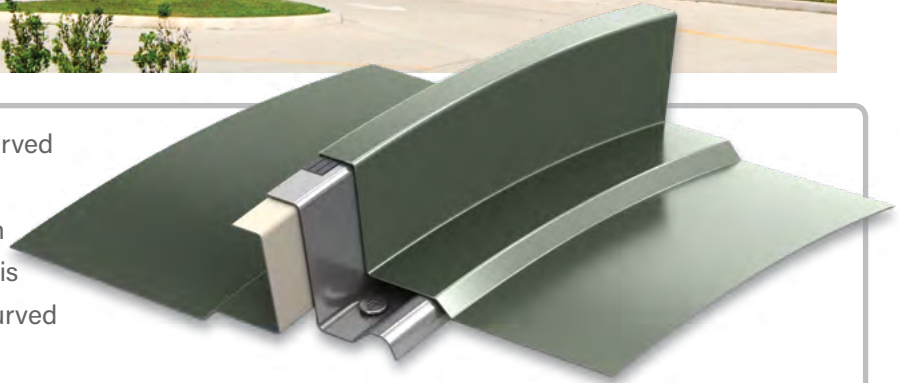


Berridge Curved or Tapered Zee-Lock Panel

STANDING SEAM SYSTEM



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.



Materials

24 and 22 Gauge Steel

Specifications

Uses: Roof, Fascia*

Coverage: 16"

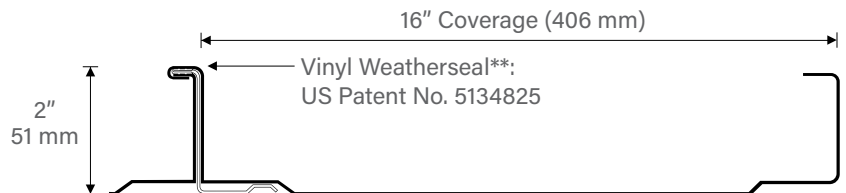
Finishes: Smooth, optional striations

Fasteners: Concealed

Applications: Open framing, solid sheathing

Seam: 2" standing mechanically seamed sidelap

Optional: Extruded vinyl weatherseal on continuous rib**



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 radius 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
- Continuous Zee-Rib is recommended for open framing and required for watertightness warranty

Note:

* Fascia can not be curved or tapered

** Vinyl weatherseal required for watertightness warranty

Pictured Above

Project: El Franco Community Center

Architect: Auto Arch Architects

General Contractor: Frost Construction

Installing Contractor: RW Honca Sheet Metal, Inc.

Color: Champagne

BERRIDGE CURVED OR TAPERED 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 details please visit www.berridge.com



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