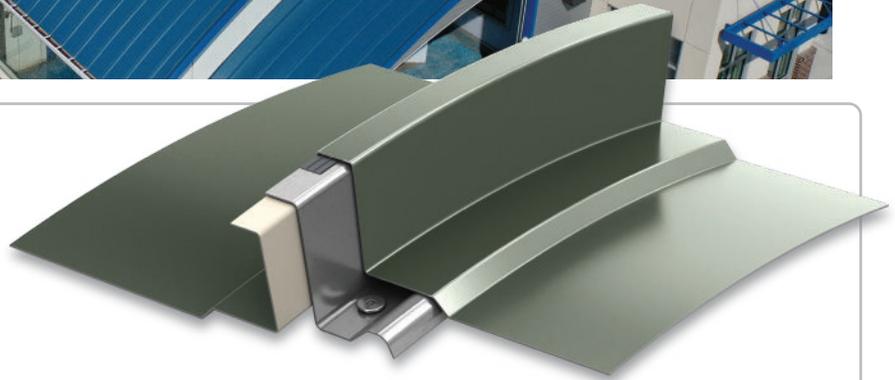


Berridge Curved or Tapered Zee-Lock Panel

STANDING SEAM SYSTEM



The Berridge Zee-Lock Panel can be curved or tapered over solid sheathing or open framing making for limitless design possibilities.



Materials

24 and 22 Gauge Steel

Specifications

Uses: Roof, Fascia*

Coverage: 16"

Finishes: Smooth, optional striations

Fasteners: Concealed

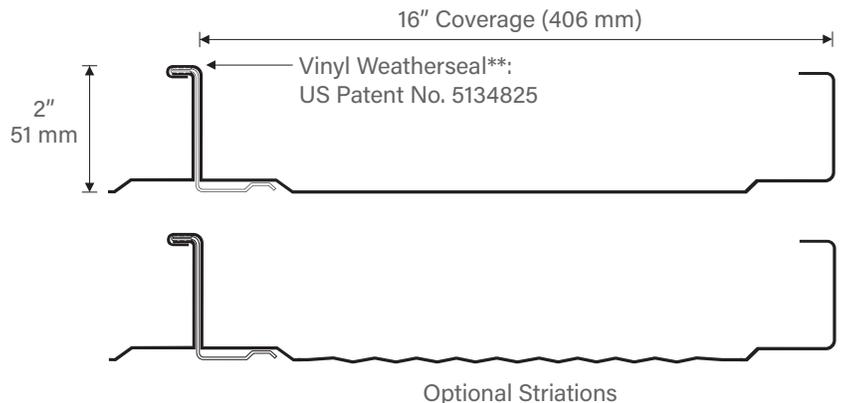
Applications: Open framing, solid sheathing

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: Living Water Car Wash

General Contractor: Aslan Corporation,
Architectural Panels, Inc

Installing Contractor: CCG Roofing & Project
Management

Color: Royal Blue

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 (24 GA - Purlins) Construction No. 335 (24 GA - Steel Deck) Construction No. 403 (24 GA - Plywood)
	■ TDI Listed	UL 580 ASTM E-1592	Texas Department of Insurance Listing for wind capacities	RC-645 (22 GA or 24 GA - Steel Deck)
	■ ICC-ES	UL 580	Capacity report by the International Code Counsel	ESR-3486 (24 GA - Plywood)
	■ 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



CORPORATE HEADQUARTERS
2610 Harry Wurzbach Road
San Antonio, TX 78209
(800) 669-0009
www.Berridge.com