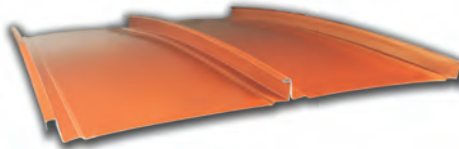


# Berridge Zee-Lock

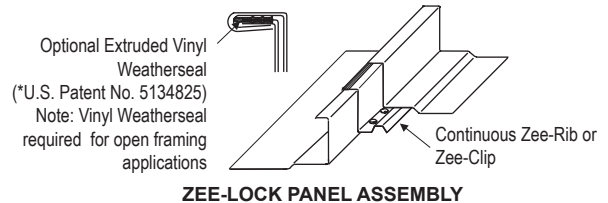
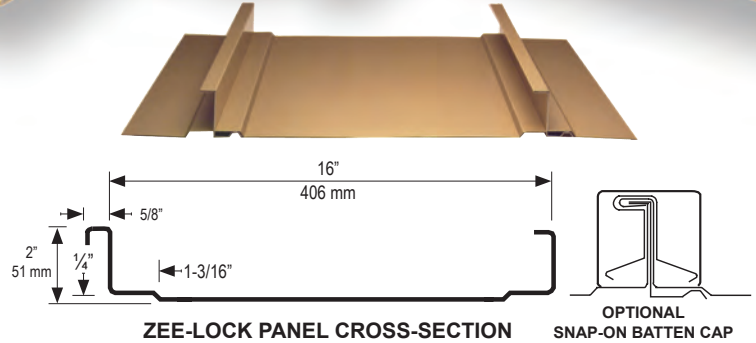
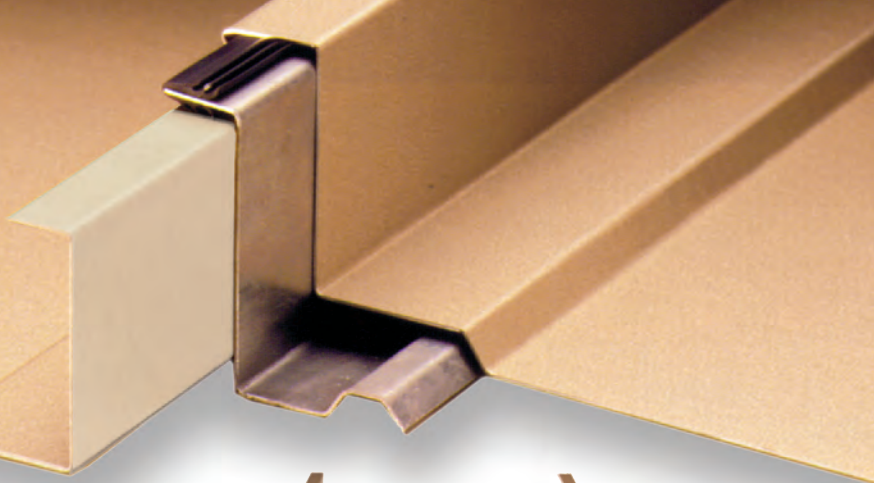
Architectural/Structural standing seam roof system. For use over open purlin framing or solid sheathing. Straight or curved applications.

- Available in 24 & 22 gauge steel
- Extruded patented\* vinyl weatherseal
- Mechanically seamed sidelap
- 2" high standing seam sidelap
- UL 90 wind uplift & UL fire resistance listed
- ASTM air & water resistance tested
- ASTM E-1592 & UL 580 tested
- ASTM E-2140 tested
- FMRC Approved & 1-120 rated (Double-Lock)
- May be double-lock seamed (consult Berridge)
- Corps of Engineers CECS 07416 approved
- Miami-Dade Approved
- Florida Product Approval
- Optional striated profile available
- Continuous lengths when site-formed with SP-21 portable roll-former
- Site-curved with ZC-21 curving machine

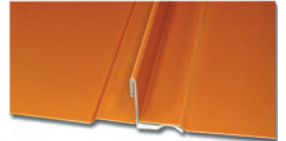


## Berridge Curved Zee-Lock

Berridge Zee-Lock Single Lock can be curved to a minimum radius of 20' using the Berridge ZC-21 Curver machine. Both roll forming and curving of the panel to be done on-site.



The Berridge Zee-Lock Panel to be double locked for FMRC 1-120 rating. Please consult Berridge for recommended applications. **24 Gauge only.**



ZEE-LOCK SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I.			
ZEE-LOCK	$I_x$ (in <sup>4</sup> /ft)	$M_A$ (ft-lbs/ft)	$V_A$ (lbs/ft)
Positive Bending	0.1525	184.65	990
Negative Bending	0.1031	161.33	990

NOTES: Zee-Lock Panel with continuous 24 GA Zee-Rib.  
Values based on 1996 edition of AISI and good engineering practice.

## SPECIFICATIONS

(Complete specifications available at [www.berridge.com](http://www.berridge.com))

### PRODUCT:

Furnish and install Berridge Zee-Lock Standing Seam System as manufactured by Berridge Manufacturing Company, San Antonio, Texas.

### MANUFACTURE:

Zee-Lock provides a 16" coverage with a 2" seam height (vinyl weatherseal factory-applied to continuous zee-rib is available, panel seams are mechanically seamed in the field). Panel is available from the factory in continuous lengths to a maximum of 40'-0". Panel may be field roll formed to virtually unlimited lengths with Berridge SP-21X Portable Roll Former. Seam profile is available in single or double lock, single lock may be field curved to a minimum radius of 20'-0" with the ZC-21 Portable Curving Machine.

### WEATHERTIGHTNESS:

Certification from independent testing laboratory indicating no measurable air or water penetration through the seam assembly in accordance with ASTM E 1680 and E 1646 is required.

### ENGINEERING:

Acceptable installation design over engineered open framing or solid structural sheathing. Roof deck to be free of all objects which may puncture underlayment, (entire roof area must be covered with a minimum of number thirty roof felt run horizontally starting at the eave, review Berridge underlayment details for complete installation instructions). Where required, panel assemblies can be constructed to meet Underwriter's Laboratory UL 90 pursuant to Construction Numbers 312, 335, 403 and 555. Additional UL fire rated assemblies reference Berridge website.

### MATERIALS, FINISH INFORMATION & CONSTRUCTION DETAILS:

Reference web site: [www.berridge.com](http://www.berridge.com)



Berridge Manufacturing Company  
6515 Fratt Road  
San Antonio, Texas 78218  
(800) 669-0009 • [www.berridge.com](http://www.berridge.com)