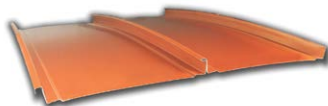


Berridge Zee-Lock

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

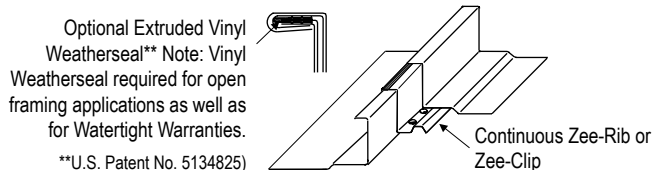
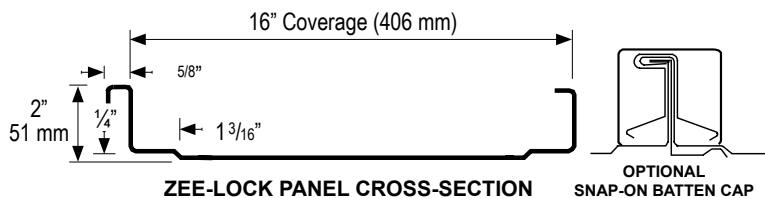
- Available in 24 & 22 gauge steel and 0.032 & 0.040 aluminum
- Extruded patented** vinyl weatherseal
- Mechanically seamed sidelap
- 2" high standing seam sidelap
- Optional striated profile available
- UL 90 wind uplift
- UL fire resistance listed
- ASTM air & water resistance tested
- ASTM E-1592 tested
- UL 580 and UL1897 tested
- ASTM E-2140 tested
- Corps of Engineers CEGS 07416 approved
- Class 4 hail resistance tested
- Florida Product Approval
- ICC-ES Report ESR-3486
- Continuous lengths when site-formed with SP-21 portable roll-former
- Site-curved with ZC-21 curving machine
- May be double-lock seamed (consult Berridge)

Unless otherwise noted, all testing is for steel only
*Approved for steel and aluminum



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.



| ZEE-LOCK SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I. | | | |
|---------------------------------------------------------|-----------------------------|-------------------|----------------|
| ZEE-LOCK | I_x (in ⁴ /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)

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-21 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 for use with continuous rib.

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 and 403. Additional UL fire rated assemblies reference Berridge website.

MATERIALS, FINISH INFORMATION & CONSTRUCTION DETAILS:

Reference web site: www.berridge.com



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