



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Berridge Manufacturing Co.
1720 Maury
Houston, TX. 77026-7199**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Berridge Manufacturing Company Zee Lock Panel

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews NOA # 01-0103.04 and consists of pages 1 through 6.
The submitted documentation was reviewed by Alex Tigera.



**NOA No 03-1104.01
Expiration Date: 04/26/11
Approval Date: 05/04/06
Page 1 of 6**

ROOFING SYSTEM APPROVAL:

Category: Roofing
Sub-Category: Metal, Panels (Non-Structural)
Material: Steel
Deck Type: Wood
Maximum Design Pressure: -52.5 psf. (See System Limitation #1)

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Berridge Zee-Lock Panel with Continuous Zee-Rib Clip	See drawings herein Thickness.025"	PA 125	G-90 galvanized panels coated with various approved coatings Fluoropon, Kynar, or Hylar
Berridge Zee- Clip Rib	See drawings herein Thickness.025"	PA 125	G-90 galvanized panels coated with various approved coatings Fluoropon, Kynar, or Hylar
Berridge Zee-Lock bearing plate	2-7/16 wide 6" long Thickness.025"	PA 125	G-90 galvanized panels coated with various approved coatings Fluoropon, Kynar, or Hylar

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	90RT7576	Uplift Pressure Testing UL 580-Construction No. 312, 335, 403	May 1993
Celotex Testing Services	MTS 258239C	PA-100	Oct 1997
The Glidden Company	Certified Laboratory Test Report	Physical Properties ASTM G 23□	Sept. 1992
The Glidden Company	Certified Laboratory Test Report	Physical Properties ASTM B 117	Jan. 1993



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APPROVED ASSEMBLIES:

- Deck Type:** Wood, Non-insulated
- Deck Description:** 19/32" or greater plywood or wood plank
- Slope Range:** 2":12" or greater
- Maximum Uplift** The maximum allowable design pressure for the 16" wide panel shall be **-52.5 psf**
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less than # 8 x 1 ½ in. bugle head screws. In reroofing, where the deck is less than 19/32" thick (Minimum 15/32") The above attachment method must be in addition to existing attachment.
- Panel Clips:** One piece clips 2-¹/₁₆" in. high, 1-³/₈ in. wide by 5-½ in. long. Clip located at each panel rib side lap spaced at a maximum 36" o.c., fastened with minimum of two # 10 x 1" pan head corrosion resistant screws of sufficient length to penetrate through the sheathing a minimum 3/16 of an inch.
- Underlayment:** Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 1 ¼" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll.
- Valleys:** Valley construction shall be in compliance Roofing Application Standard RAS 133 and with Berridge Manufacturing Company's current published installation instructions.
- Fire Barrier Board:** For class A or B fire rating, install minimum ¼" thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4mm thick of Tritex, RockRoof (with current NOA) or ⁵/₈" water resistant type X gypsum sheathing with treated core and facer.
- Metal Panels and Accessories:** Install the Zee Lock Panels including flashings penetrations, valleys, and accessories in compliance with Berridge Manufacturing Company's current, published installation instructions and in compliance with the minimum requirements detailed in Roofing Application Standard RAS 133. Standing seams shall be mechanically seamed to a full 90⁰ seam



- Deck Type:** Steel Insulated
- Deck Description:** Metal roof deck panels 24 MSG coated steel 40,000 psi min. Panels continuous over two or more spans without end laps.
- Slope Range:** 2":12" or greater
- Maximum Uplift** The maximum allowable design pressure for the 16" wide panel shall be **-52.5 psf**
- Deck Attachment:** Minimum metal deck secured in compliance with applicable building code.
- Insulation (Optional):** (Requires a bearing plate of 2-7/16 wide by 6 inch. long for panel clip attachment) Maximum 4" thick of an approved rigid board insulation having a current NOA with a minimum 25psi compressive strength fastened with approved fasteners and plates. Fastening density shall be in compliance with applicable Building Code and Roofing Application Standard RAS 117.
- Panel Clips:** One piece clips 2-¹/₁₆ in. high, 1-³/₈ in. wide by 5-¹/₂ in. long. Clip located at each panel rib side lap spaced at a maximum 12" o.c., fastened with minimum of two # 12 pan head corrosion resistant screws of sufficient length to penetrate through the bottom flute of the deck a minimum 3/4 of an inch.
- Underlayment:** Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with approved corrosion resistant insulation fasteners and plates. Spaced 12" o.c. on the laps and two rows spaced 24" o.c. in the field of roll. Or any Miami-Dade County Product Control Approved self-adhered underlayment
- Valleys:** Valley construction shall be in compliance Roofing Application Standard RAS 133 and with Berridge Manufacturing Company's current published installation instructions.
- Fire Barrier Board:** For class A or B fire rating, install minimum 1/4" thick Georgia Pacific "Dens Deck" (with current NOA) or minimum 4mm thick of Tritex, RockRoof (with current NOA) or ⁵/₈" water resistant type X gypsum sheathing with treated core and facer.
- Metal Panels and Accessories:** Install the Zee Lock Panels including flashings penetrations, valleys, and accessories in compliance with Berridge Manufacturing Company's current, published installation instructions and in compliance with the minimum requirements detailed in Roofing Application Standard RAS 133. Standing seams shall be mechanically seamed to a full 90° seam.

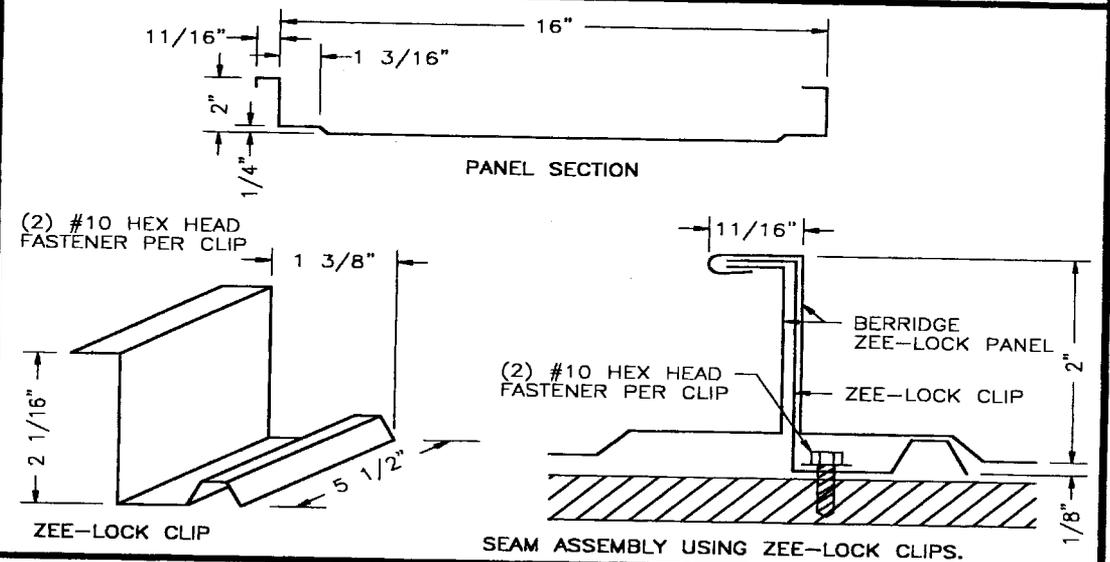
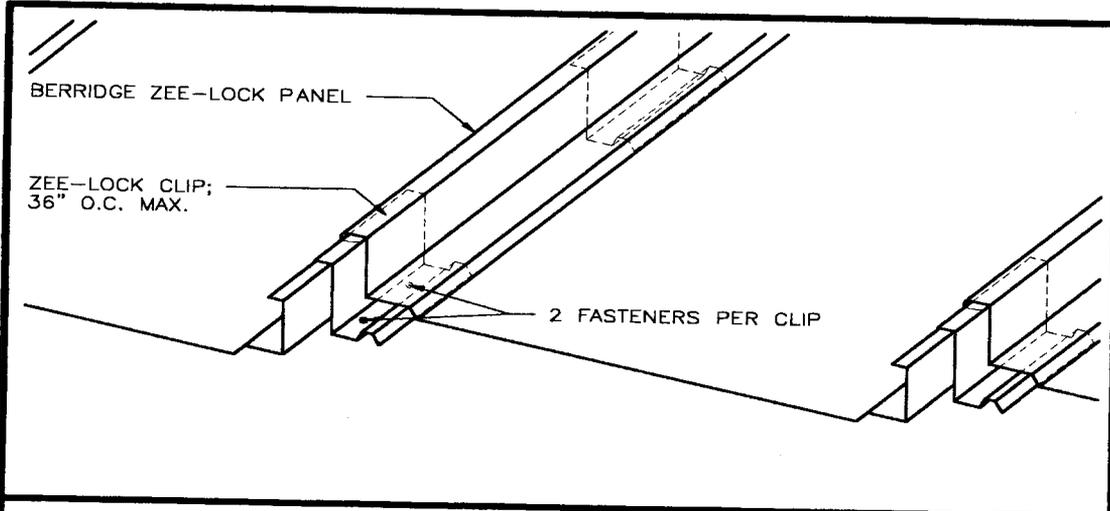


SYSTEM LIMITATIONS

1. The maximum design pressure limitation listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, and corners).
2. Panel shall be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be described in the Roofing Application Standard RAS 133.
3. All panels shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved."



**PROFILE DRAWING:
ZEE-LOCK PANELS**



B Berridge Manufacturing Company
Roofs of Distinction

OVERVIEW
ZEE-LOCK CLIP
ZEE-LOCK PANEL

DATE: 03-05-98
PAGE\FILE
Z-5

END OF THIS ACCEPTANCE



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