



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
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CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

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

Your application for Notice of Acceptance (NOA) of:

Berridge Manufacturing Company Cee Lock Panel

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0103.01
EXPIRES: 04/05/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 04/05/2001

ROOFING ASSEMBLY APPROVAL

Category: Roofing Approval Date: 04/05/2001
Sub-Category: Non-Structural Metal Roofing Expiration Date: 04/05/2006
Materials: Steel
Maximum Design Pressure -52.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Berridge Cee-Lock Panel with Continuous Cee-Clip Rib	See drawings herein Thickness.025"	PA 110	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.	93RT5366 (404)	Uplift Pressure Testing UL 580-Construction No. 334, 381, 404	May 1993
Celotex Testing Services	MTS 258239B	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

SYSTEM LIMITATIONS:

1. Increased design pressures at perimeter and corner areas, in compliance with applicable building code may be met through rational analysis by increasing the number of attachment points in these areas. The maximum fastener spacing noted in the "Systems Description" section of this approval shall not be exceeded. All rational analysis computation shall be prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
2. Panels shall be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Miami-Dade County Roofing Application Protocol RAS 133.
3. All panels and clips shall be permanently labeled with the manufacturer's name and/or logo, and/or the following statement: "Miami-Dade County Product Control Approved."



Frank Zuloaga, RRC
 Roofing Product Control Examiner

APPROVED SYSTEMS:

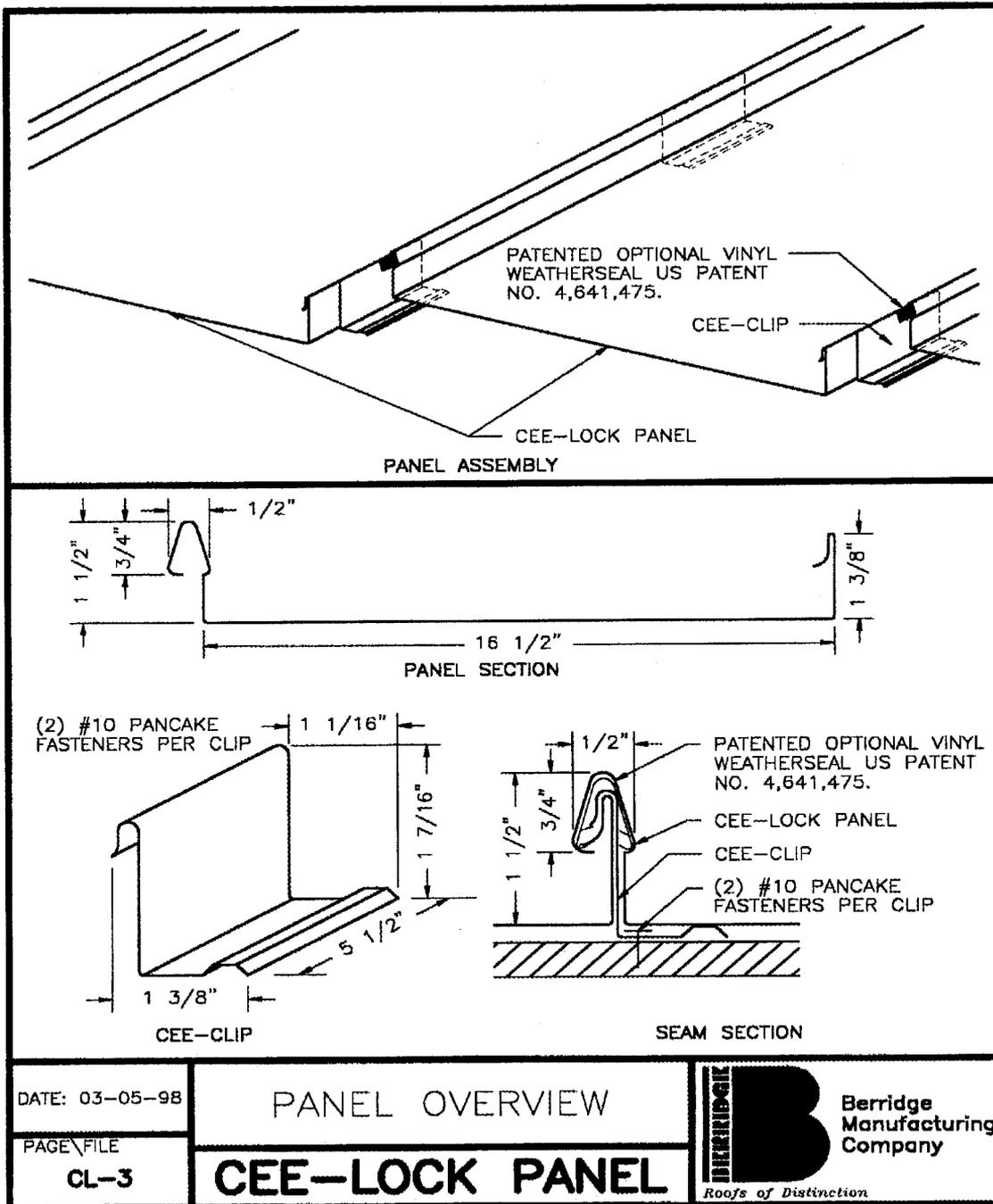
- Deck Type:** Wood, Non-insulated
- Deck Description:** 19/32" or greater plywood or wood plank
- Slope Range:** 2":12" or greater
- Maximum Uplift** The maximum allowable design pressure **-52.5 psf**
- Deck Attachment:** In accordance with applicable building code, but in no case shall it be less than # 8 x 1 1/2" long screws spaced 6" O.C. 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.
- 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 1/4" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll.
- Panel Clips:** One piece clips 1-7/16", 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 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.
- 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" or one layer of "Roctex" or 5/8" water resistant type X gypsum sheathing with treated core and facer, in compliance with Roofing Application Standard RAS 133.
- Metal Panels and Accessories:** Install the Cee 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.



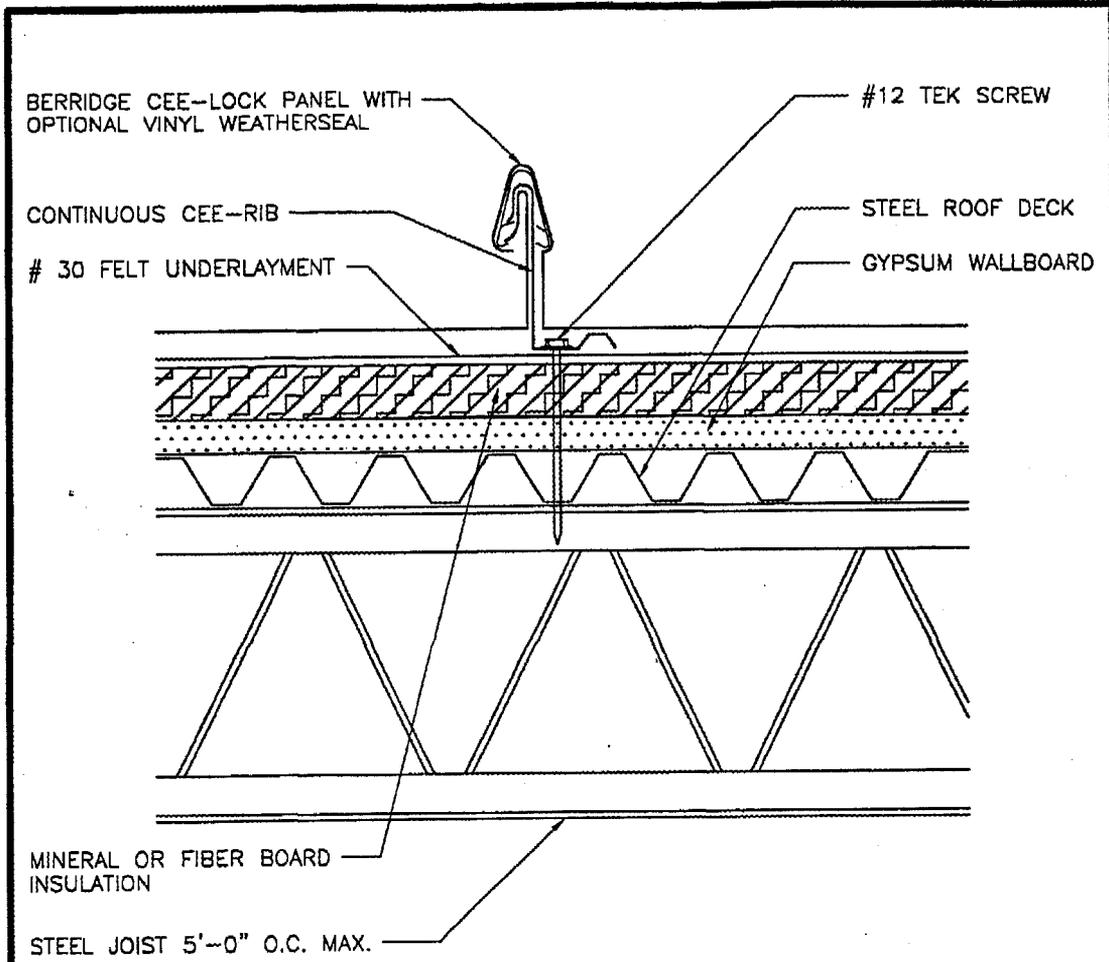
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- Deck Type:** Steel Insulated
- Deck Description:** Minimum 24 Gage coated steel, 40,000 psi min. yield strength
- Slope Range:** 2":12" or greater
- Maximum Uplift** The maximum allowable design pressure **-52.5 psf**
- Deck Attachment:** Metal deck secured in compliance with applicable building code.
- Insulation:** Maximum thickness 4" of an approved rigid board insulation of a minimum density of 2.25 lb/ft³ fastened with approved fasteners and plates. Fastening density shall be in compliance with applicable building code and in accordance with Roofing Application Standard RAS 117.
- Panel Clips:** One-piece continuous clip assembly fabricated from 24 MSG coated steel. Located at each panel rib side lap with clip being of equal length and running the entire length of the metal roof panels. Fasteners shall be a minimum of #12 corrosion resistant self-drilling screws of sufficient length to penetrate through the bottom flange of the structural deck a minimum 3/4 of an inch at a maximum spacing of 12 inches o.c.
- 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 having a current NOA
- Valleys:** Valley construction shall be in compliance Roofing Application Standard RAS 133 and 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" or one layer of "Roctex" or 5/8" water resistant type X gypsum sheathing with treated core and facer, in compliance with Roofing Application Standard RAS 133.
- Metal Panels and Accessories:** Install the Cee 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.






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1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE CEE-LOCK PANEL, IN ORDER TO MAKE A POSITIVE ATTACHMENT, MUST BE ATTACHED TO THE STEEL DECK.
2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE-RESISTANT ROOF ASSEMBLIES: UL DESIGN NO. P224, P225, P230, P237, P508, P510, AND P227 USING CELLULAR GLASS BLOCK IN LIEU OF MINERAL INSULATION BOARD.
3. ADDITIONAL INFORMATION REGARDING THIS ASSEMBLY IS AVAILABLE IN THE UL FIRE RESISTANCE DIRECTORY.

<p>Berridge Manufacturing Company <i>Roofs of Distinction</i></p>	<p>UL FIRE RESISTANCE ROOF ASSEMBLY OPEN WEB STEEL JOIST</p>	<p>DATE: 05-01-97</p>
	<p>CEE-LOCK PANEL</p>	<p>PAGE \ FILE CL-90</p>

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NOTICE OF ACCEPTANCE STANDARD CONDITIONS

- 1 Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
- 2 Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
- 3 Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
- 4 Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
- 5 Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
- 6 The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
- 7 A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The copies need not be resealed by the engineer.
- 8 Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
- 9 This Acceptance contains pages 1 through 7.

END OF THIS ACCEPTANCE

Frank Zuloaga, RRC
Roofing Product Control Examiner