



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

MBCI-Metal Building Components, Inc.
14031 West Hardy (PO Box 38217)77238
Houston ,TX 77060

Your application for Notice of Acceptance (NOA) of:

5-V Crimp Metal Roof 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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1018.01

EXPIRES: 02/26/2006

**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: 11/30/2000

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

Category: Roofing Approval Date: **November 30, 2000**
Sub-Category: Panels Expiration Date: **February 26, 2006**
Type: 07410 Non-Structural Metal Roofing
Materials: Metal
Fire Classification: See General Limitations #1

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratories, Inc.	File R8116 Project 97RT4520	Standard Requirements for Metal Roofing Systems Miami-Dade County PA-125	June 1997
Center for Applied Engineering, Inc.	MTS Job No. 257829	Wind Driven Rain Miami-Dade County PA-100	Oct. 1996

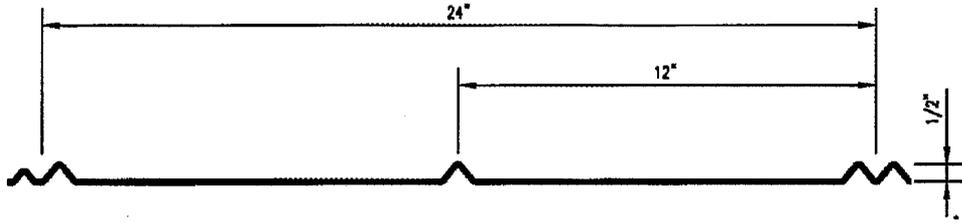
GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum uplift pressures listed herein should meet or exceed the design pressures for the field, areas of the roof as determined by applicable building code. Increased design pressures at perimeter and corner areas may be met through rational analysis by increasing the number of attachment points in these areas. All rational analysis computations shall be conducted signed and sealed by a Registered Architect, Professional Engineer, or Registered Roof Consultant.
3. All panels shall be permanently labeled with the manufacturer's name or logo, city, state and the following statement: "Miami Dade County Product Control Approved".

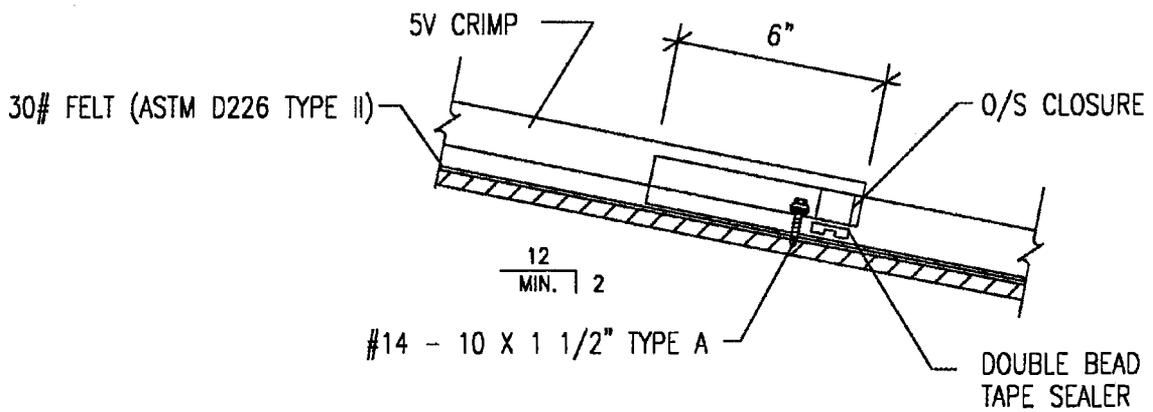


Frank Zuloaga, RRC
Roofing Product Control Examiner

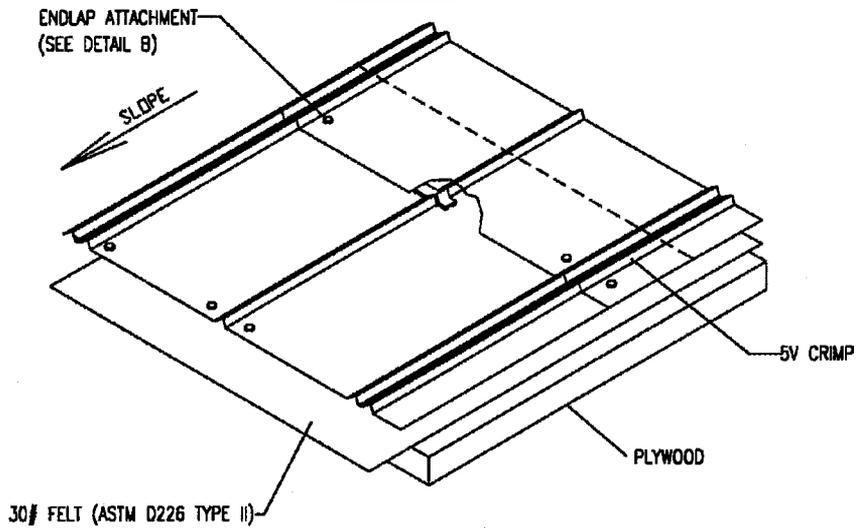
5V-Crimp Panel



5V CRIMP CROSS SECTION



TYPICAL DETAILS
PANEL LAPS



ISOMETRIC VIEW OF
5V CRIMP PANEL ROOF

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SYSTEM DESCRIPTION

- SYSTEM A-1S:** "5V-Crimp" 26 ga. Metal Panel
- Deck Type:** Wood, Non-insulated
- Deck Description:** 19/32" or greater plywood or wood plank.
- Slope Range:** 2":12" or greater
- Maximum Uplift Pressure:** The maximum allowable design pressure for the 24" wide panel shall be **-52.5 psf.**
- Deck Attachment:** In accordance with applicable Building Code, but in no case it shall be less than # 6 x 2" screws spaced at 6" o. c. In re-roofing, where 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 a ASTM D 226 Type II installed with a minimum 4" side-laps 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.
- Valleys:** Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with MBCI'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 "5V-Crimp Panels" including flashings penetrations, valleys, and accessories in compliance MBCI's current, published installation instructions and in compliance with the minimum requirements detailed in Roofing Application Standard RAS 133.
- MBCI's "5V-Crimp Panels" shall be installed with a minimum #14 S.D.S zinc coated sealing washer fastener of sufficient length (but not less than 1 1/2") to penetrate 5/16" through the sheathing. #14 S.D.S zinc coated fastener shall be spaced at a maximum of 12" o.c. perpendicular to the slope, in rows spaced 36" o.c. running parallel to the slope of the roof.
- #14 S.D.S zinc coated fastener shall be spaced a minimum of 4" o.c at the eaves and rakes, and at valleys, and sealed with triple-bead sealant tape. Side panel seams shall be sealed with double bead sealant tape. All perimeter attachment shall be in accordance with Roofing Application Standard RAS 111.



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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 5.

END OF THIS ACCEPTANCE

Frank Zuloaga, RRC
Roofing Product Control Examiner