



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

**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**

**Met-Tile Incorporated**  
**P.O. Box 4268**  
**Ontario ,CA 91761**

Your application for Notice of Acceptance (NOA) of:  
**Met Tile**

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.: 99-0201.02**  
**EXPIRES: 01/25/2004**

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: 01/25/2001**

**PRODUCT CONTROL NOTICE OF ACCEPTANCE  
ROOFING SYSTEM APPROVAL**

<b><u>Category:</u></b>	Roofing	Approval Date: <b><u>January 25, 2001</u></b>
<b><u>Sub-Category:</u></b>	Panels	Expiration Date: <b><u>January 25, 2004</u></b>
<b><u>Type:</u></b>	07410 Non – Structural Metal Roofing	
<b><u>Materials:</u></b>	Metal	
<b><u>Fire Classification:</u></b>	See General 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>
Met Tile Metal Roof	L = varies w=3' h=1 <sup>1</sup> / <sub>2</sub> to 7.2" t=0.019"	PA 110	Corrosion resistant, galvanized, preformed, coated, prefinished, metal panels.
Trim Pieces	l = varies w = varies min. 26 ga.	PA 110	Standard flashing and trim pieces. Manufactured for each panel width.

**EVIDENCE SUBMITTED:**

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Underwriters Laboratory Center for Applied Engineering, Inc.	R98NK15349  MDC - 75	UL 580  PA 100	Dec. 1998  Sep. 1998
Ramtech Laboratories, Inc.	6808-83	ASTM E 108	Oct. 1999
Celotex Testing Services	520579	ASTM B117	May 2000
Underwriters Laboratories	R98NK15349	UL 580 (Revised)	Aug. 2000



Frank Zuloaga, RRC  
Roofing Product Control Examiner

**APPROVED ASSEMBLIES:**

- Deck Type:** Wood, Non-insulated
- Deck Description:** New Construction or Re-roof  
1<sup>9</sup>/<sub>32</sub>" or greater plywood or wood plank.
- Slope Range:** 2":12" or greater
- Maximum Uplift Pressure:** The maximum allowable design pressure for the Met Tile shall be –60 .5 psf
- Deck Attachment:** In accordance with Applicable Building Code, but in no case shall it be less than #8 x 1-7/8" course thread 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 12 gauge 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 Met Tile Incorporated 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, over the deck prior to installing the underlayment in compliance with Roofing Application Standard RAS 133.
- Metal Panels and Accessories:** Install the "Met Tile Panels" and accessories in compliance with Met Tile Incorporated current, published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided Roofing Application Standards RAS 133. Panel fasteners shall be #9-15 x 2-1/2" self drilling, self tapping, hex head screws with a 1/2 inch sealing washer of sufficient length to penetrate through the sheathing a minimum of 3/16 inch.
- Panels shall be fastened in compliance with Detail 'A'. Fasteners shall be installed perpendicular to the roof slope, at every other tile valley at a maximum spacing of 7.2 inches o.c. And parallel to the roof slope at every other vertical step at a maximum of 24 inches o.c. Panel edges shall be fastened at every step at a maximum of 12 inches parallel to the slope. All end laps shall be fastened at every tile valley at a maximum of 7.2 inches o.c. All side laps shall be fastened with stainless steel pop rivets (1/8" x 3/16") fastened at a maximum of 12 inches o.c.



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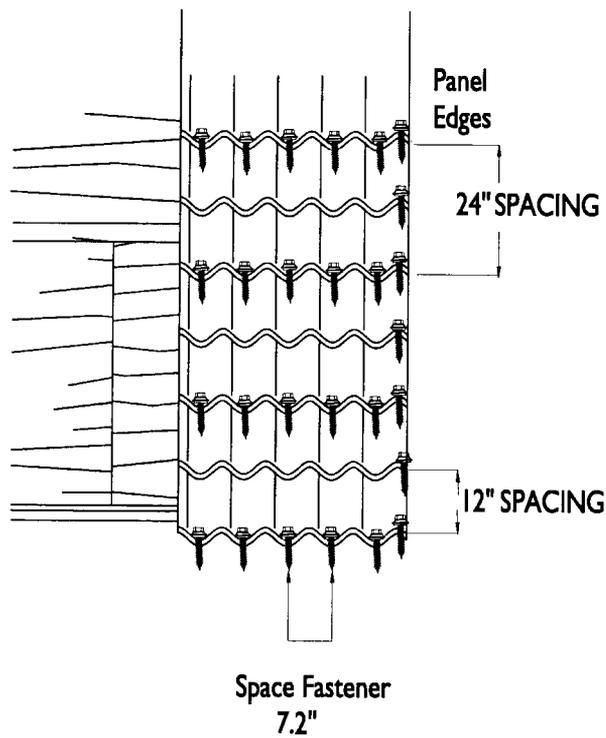
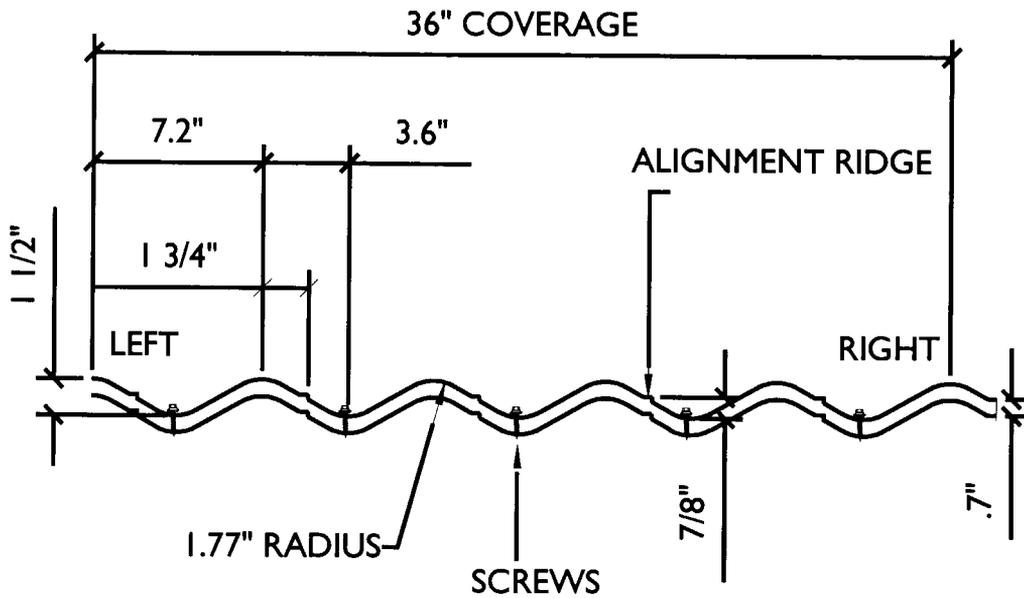
**SYSTEM LIMITATIONS.**

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".

A handwritten signature in black ink, appearing to read 'Frank Zuloaga', is written over a horizontal line.

Frank Zuloaga, RRC  
Roofing Product Control Examiner

**PROFILE DRAWINGS:**



Frank Zuloaga, RRC  
Roofing Product Control Examiner

**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 6 .

**END OF THIS ACCEPTANCE**



Frank Zuloaga, RRC  
Roofing Product Control Examiner