MIAMI-DADE

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)

Met-Tile, Inc.
1745 E Monticello Court
Ontario, CA 91761

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Met-Tile Roof Tiles

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 NOA revises NOA # 04-1122.01 and consists of pages 1 through 5.
The submitted documentation was reviewed by Alex Tigera.

ROOFING ASSEMBLY APPROVAL:

Category:	Roofing
Sub-Category:	Non-Structural Metal Roofing
Material:	Galvanized Steel
Deck Type:	Wood
Maximum Design Pressure	**-114.25 psf**

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
Met Tile Metal Roof	L = varies w=3' h=$1^{1}/_{2}$ to 7.2'' t=0.019" ASTM A 446 Grade A	TAS 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:

Test Agency	Test Identifier	Test Name/Report	Date
Underwriters Laboratory	R98NK15349	UL 580	Dec. 1998
Center for Applied Engineering, Inc.	MDC - 75	TAS 100	Sep. 1998
Ramtech Laboratories, Inc.	6808-83	ASTM E 108	Oct. 1999
Celotex Testing Services	520579	ASTM B117	May 2000
Hurricane Test Laboratory, LLC.	0428-0508-06	TAS-125	June 2006
Underwriters Laboratories	R98NK15349	UL 580 (Revised)	Aug. 2000

APPROVED ASSEMBLIES:

Deck Type:	Wood, Non-insulated
Deck Description:	½" or greater plywood or wood plank.
Slope Range:	2":12" or greater
Maximum Uplift Pressure:	**See Table A Below**

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-laps and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 1¼" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. Or, any Miami-Dade County Product Control Approved underlayment having a current NOA.

Fire Barrier Board: Any approved fire barrier having a current NOA. Or for a 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.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Met Tile Incorporated current published installation instructions.

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 #9-30 x 2-½" 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.

TABLE A: FASTENING OPTIONS	
Field Condition Fastening Pattern:	Panels shall be fastened in compliance with **Detail 'A'**
Maximum Design Pressure:	-106.63psf [1]

Perimeter and Corner Condition Fastening Pattern:	Panels shall be fastened in compliance with **Detail 'B'**
Maximum Design Pressure:	-114.25psf [1]
1. Extrapolation shall not be allowed.	

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 designed pressure limitation listed 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, extended corners and corners).

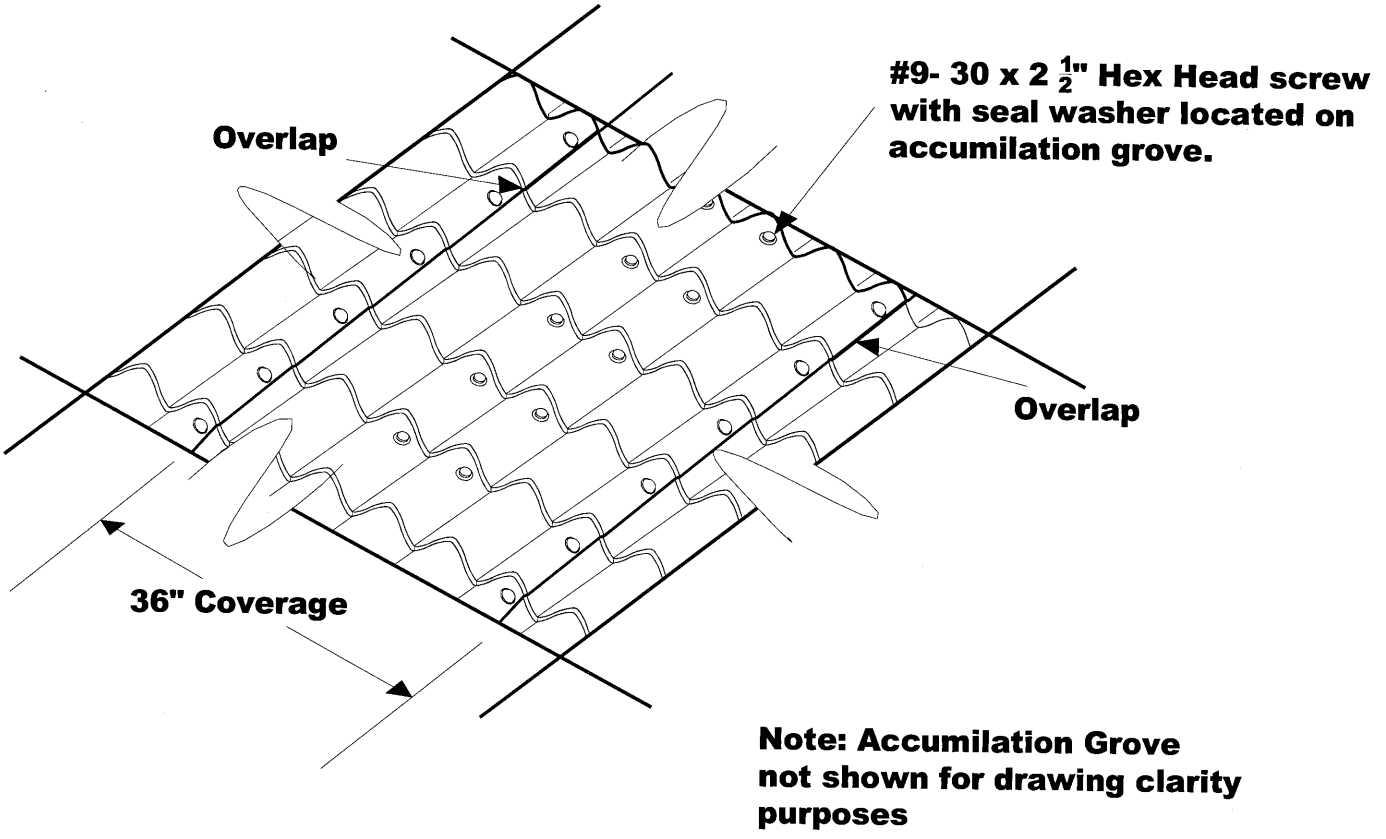
3. Panels shall be roll formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133.

4. 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".

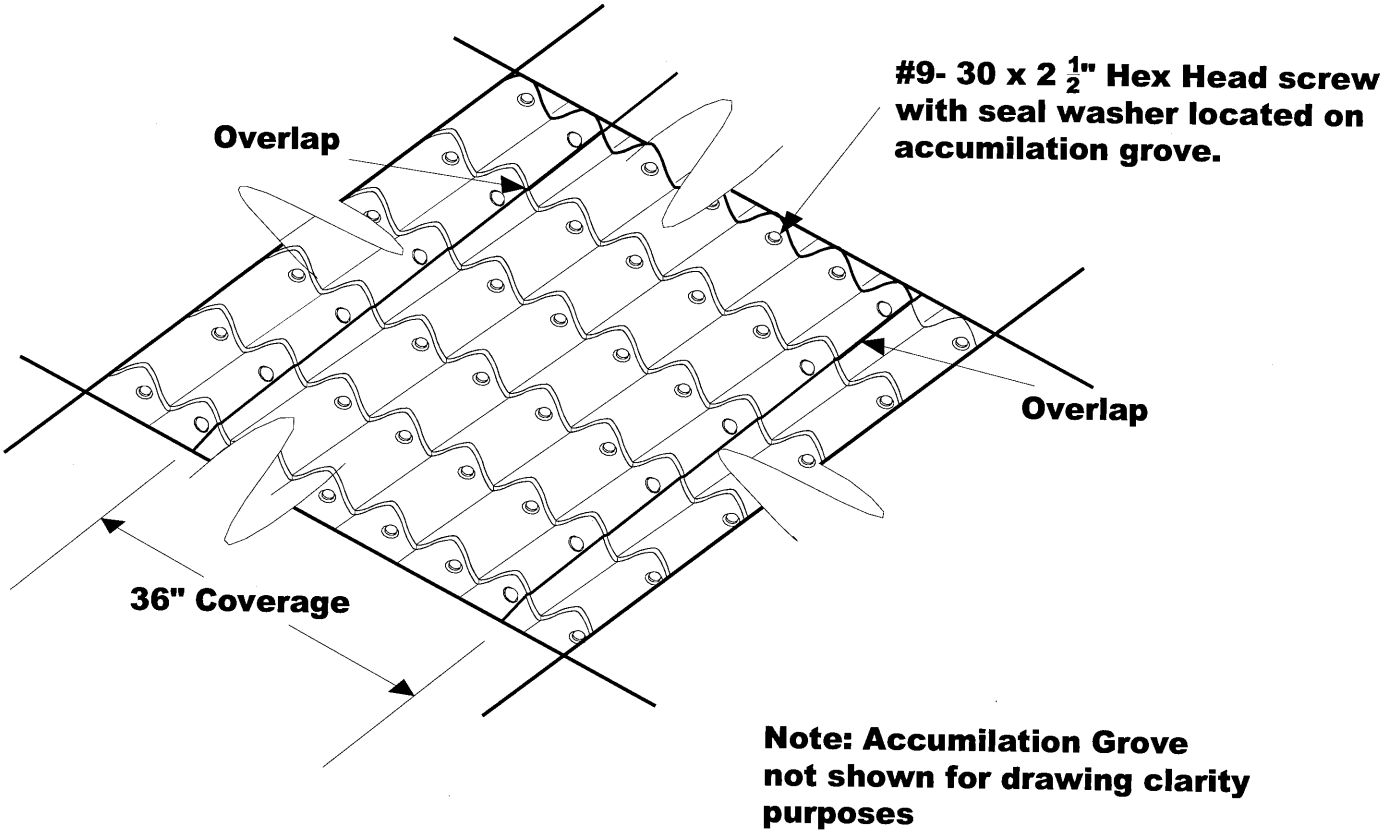
5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.

PROFILE DRAWINGS:

DETAIL 'A' (N.T.S.)
FIELD CONDITION



DETAIL 'B' (N.T.S.)
PERIMETER AND CORNER CONDITION



END OF THIS ACCEPTANCE