



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
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**CONTRACTOR LICENSING SECTION**  
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**CONTRACTOR ENFORCEMENT DIVISION**  
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**PRODUCT CONTROL DIVISION**  
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**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Lamoti Roof Tile, Inc.**  
**1360 N.W. 29th Street.**  
**Miami, FL 33142**

Your application for Notice of Acceptance (NOA) of:

**Lamoti Mortar Set, Concrete " Flat Bermuda Tile" Roofing System**

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.: 01-0103.03**  
**EXPIRES: 02/01/2006**

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: 02/01/2001**

**ROOFING ASSEMBLY APPROVAL**

**Category:** Roofing  
**Sub-Category:** 07320 Roofing Tiles

Approval Date: **February 01, 2001**

Expiration Date: **February 01, 2006**

**Materials** Cement Tiles  
**Deck Type:** Wood

**1. SCOPE**

This renews a roofing system using Lamoti "Flat Bermuda", as manufactured Lamoti Roof Tile, Inc. described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County. For the locations where the pressure requirements, as determined by applicable Building Code does not exceed the design pressure values obtain by calculations in compliance with RAS 127 using the values listed in table 2 herein. The attachment calculations shall be uplift based system.

**2. PRODUCT DESCRIPTION:**

| <u>Product</u>    | <u>Dimensions</u>                             | <u>Test Specifications</u> | <u>Product Description</u>   |
|-------------------|---|----------------------------|--|
| Flat Bermuda Tile | l = 16"<br>w = 10"<br>½" thick                | PA 112                     | Flat profile, interlocking, concrete roof tile. For direct deck, mortar set applications only.                                   |
| Trim Pieces       | l = varies<br>w = varies<br>varying thickness | PA 112                     | Accessory trim, concrete roof pieces for use at hips, rakes, ridges and valley terminations. Manufactured for each tile profile. |

**3. LIMITATIONS**

- 3.1 Fire classification is not part of this acceptance.
- 3.2 For mortar or adhesive set tile applications, a static field uplift test shall be performed in accordance with RAS 106.
- 3.3 Applicant shall retain the services of a Miami-Dade County Certified Laboratory to perform quarterly test in accordance with PA 112, appendix 'A'. Such testing shall be submitted to the Building Code Compliance Office for review.
- 3.4 Minimum underlayments shall be in compliance with the applicable Roofing Applications Standards listed section 4.1 herein.
- 3.5 30/90 hot mopped underlayment applications may be installed perpendicular to the roof slope unless stated otherwise by the underlayment material manufacturers published literature.
- 3.6 This acceptance is for wood deck applications. Minimum deck requirements shall be in compliance with applicable Building Code.



Frank Zuloaga, RRC  
 Roofing Product Control Examiner

**4. INSTALLATION**

4.1.1 Lamoti "Flat Bermuda" and its components shall be installed in strict compliance with Miami Dade County Roofing Application Standard RAS 118, RAS 119, and RAS 120.

4.1 Data For Attachment Calculations

| <b>Table 1: Average Weight (W) and Dimensions (l x w)<br/>from PA 112 Testing</b> |                       |                          |                       |
|---|-----------------------|--------------------------|-----------------------|
| <b>Tile Profile</b>   | <b>Weight-W (lbf)</b> | <b>Length - l (feet)</b> | <b>Width-w (feet)</b> |
| Flat Bermuda Tile   | 7.20                  | 1.36                     | 0.84                  |

| <b>Table 2: Minimum Characteristic Resistance Load - F' (lbf)<br/>from PA 101 Testing</b> |                         |                              |
|---|-------------------------|------------------------------|
| <b>Tile Profile</b>   | <b>Tile Application</b> | <b>Attachment Resistance</b> |
| Flat Bermuda Tile   | Mortar Set              | 70.70                        |

**5. LABELING**

All tiles shall bear the imprint or identifiable marking of the manufacturer's name or logo, or following statement: "Miami-Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

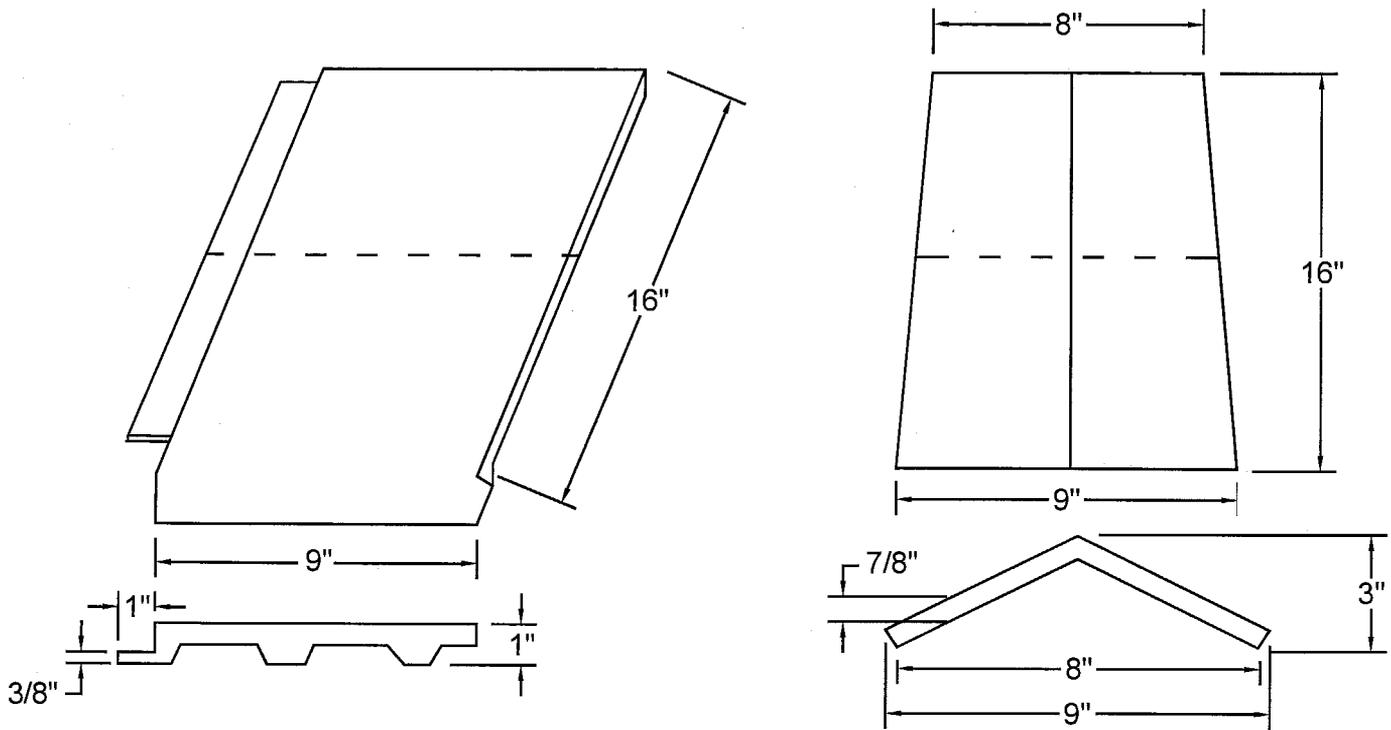
6.1.2 Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.



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Roofing Product Control Examiner

PROFILE DRAWING

LAMOTI ROOF TILE "FLAT BERMUDA TILE"



**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 documents, 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 Approval", 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 time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists pages 1, through 5 this last page.

**END OF THIS ACCEPTANCE**



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Roofing Product Control Examiner

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. TESTS:

| <u>Test Agency</u>                                    | <u>Test Identifier</u>           | <u>Test Name/Report</u>                         | <u>Date</u> |
|---|----------------------------------|---|-------------|
| Testwell Craig<br>Laboratories &<br>Consultants, Inc. | Lab #: QC-5                      | Static Uplift Testing<br>PA 101<br>(Mortar Set) | May 1995    |
| Testwell Craig<br>Laboratories &<br>Consultants, Inc. | Lab #: QC-6<br>Tech: M. Presciti | Physical Properties<br>PA 112                   | May 1995    |

B. OTHER

1. Notice of Acceptance number 01-0103.03.



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