

The background features a dark blue gradient with technical diagrams. On the left, a large circular scale with tick marks and numbers (40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260) is visible. Other elements include dashed lines, arrows, and various circular patterns, some resembling gears or technical drawings.

ADVANCED NAVIGATING INTO MIAMI-DADE NOA'S AND FLORIDA PRODUCT APPROVALS

PRESENTED BY FRSA DIRECTOR OF TECHNICAL SERVICES

MARK ZEHNAL, CPRC

FLORIDA BUILDING CODE

- The Florida Building Code Requires product approvals for certain product categories of a building, for instance building envelope.
 - FBC 110.3(9). Where impact resistant coverings or impact resistant systems are installed, the building official shall schedule adequate inspections of impact resistant coverings or impact resistant systems to determine the following:
 - The system indicated on the plans was installed.
 - The system is installed in accordance with the manufacturer's installation instructions and the product approval.
 - The use of Florida Product Approvals and Miami-Dade Notices of Acceptance have been established through:
 - Florida Statute
 - Florida Administrative Code

FLORIDA STATUTE 553.842

- 553.842 Product evaluation and approval.—
- (1) The commission shall adopt rules under ss. 120.536(1) and 120.54 to develop and implement a product evaluation and approval system that applies statewide to operate in coordination with the Florida Building Code. The commission may enter into contracts to provide for administration of the product evaluation and approval system. The commission's rules and any applicable contract may provide that the payment of fees related to approvals be made directly to the administrator. Any fee paid by a product manufacturer shall be used only for funding the product evaluation and approval system. The product evaluation and approval system shall provide:

FLORIDA STATUTE 553.842

- 553.842 Product evaluation and approval.
- (8) The commission may adopt rules to approve the following types of entities that produce information on which product approvals are based. All of the following entities, including engineers and architects, must comply with a nationally recognized standard demonstrating independence or no conflict of interest:

FLORIDA STATUTE 553.842

CONTINUED

- 8 (a) Evaluation entities approved pursuant to this paragraph. The commission shall specifically approve the National Evaluation Service, the International Association of Plumbing and Mechanical Officials Evaluation Service, the International Code Council Evaluation Services, and the Miami-Dade County Building Code Compliance Office Product Control. Architects and engineers licensed in this state are also approved to conduct product evaluations as provided in subsection (5).

FLORIDA ADMINISTRATIVE CODE

- 61G20-3.002 Definitions.
- (31) Structural component means any part or assembly of buildings that comprises the main wind force resisting system and components or cladding.

FLORIDA ADMINISTRATIVE CODE CONTINUED

- 61G20-3.001 Scope.
- (1) Products in the following categories as defined by subcategories of subsection 61G20-3.002(31), F.A.C., shall be available for approval by the Commission pursuant to Rule 61G20-3.090, F.A.C., for use in the state:
 - (a) Panel Walls;
 - (b) Exterior Doors;
 - (c) Roofing Products;
 - (d) Skylights;
 - (e) Windows;
 - (f) Shutters; and
 - (g) Structural Components.
- (2) This rule applies to approval of products and systems, which comprise the building envelope and structural frame, for compliance with the structural requirements of the Florida Building Code.

FLORIDA ADMINISTRATIVE CODE CONTINUED

- 61G20-3.008 Approval of Product Evaluation Entities, Product Validation Entities, Testing Laboratories, Certification Agencies, Quality Assurance Agencies and Accreditation Bodies.
- (1) Approved Product Evaluation Entities. Approval by the Commission is limited to the scope established by Section 553.842, F.S.
- (a) The following entities are approved evaluation entities:
 - 1. The National Evaluation Service (NES);
 - 2. The Miami-Dade County Building Code Compliance Office Product Control Division (MDCBCCOPCD);
 - 3. The International Code Council, International Evaluation Services (IES); and
 - 4. The International Association of Plumbing and Mechanical Officials Evaluation Service (IAPMO).

FLORIDA PRODUCT APPROVAL (FPA)

- Owner of the FPA
- Description of Material or System
- FPA Number
- Revision Date
- Issuance Date



EXTERIOR RESEARCH & DESIGN, LLC.
Certificate of Authorization #9503
353 CHRISTIAN STREET, UNIT #13
OXFORD, CT 06478
PHONE: (203) 262-9245
FAX: (203) 262-9243

EVALUATION REPORT

GAF
1361 Alps Road, Building 7-3
Wayne, NJ 07470

Evaluation Report 01506.01.08-R10
FL10124-R8
Date of Issuance: 01/03/2008
Revision 10: 10/22/2012

SCOPE:
This Evaluation Report is issued under Rule 9N-3 and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been designed to comply with the 2010 Florida Building Code sections noted herein.

DESCRIPTION: GAF Asphalt Roof Shingles

LABELING: Each unit shall bear labeling in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity|ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Evaluation Report number preceded by the words "Trinity|ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire Evaluation Report 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 Evaluation Report consists of pages 1 through 5.

Prepared by:

Robert J.M. Nieminen, P.E.
Florida Registration No. 59166, Florida DCA ANE1983



The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 10/22/2012. This does not serve as an electronically signed document. Signed, sealed hardcopies have been transmitted to the Product Approval Administrator and to the named client.

CERTIFICATION OF INDEPENDENCE:

1. Trinity|ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. Trinity|ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

WHAT DOES NOA MEAN?

- NOA – Notice of Acceptance
- BUILDING CODE COMPLIANCE OFFICE (BCCO) PRODUCT CONTROL DIVISION
- 2010 - DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA) BOARD AND CODE ADMINISTRATION DIVISION
- In what areas can an NOA be used
- Has anyone in the class used an NOA (what part of Florida or outside of Florida)

MIAMI-DADE NOA

- Owner of the NOA
- Description of Material or System
- Additional information and number of pages
- NOA Number
- Expiration Date
- Approval Date



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

NOTICE OF ACCEPTANCE (NOA)

GAF Materials Corp.
1361 Alps Rd.
Wayne, NJ 07470

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 of the Florida Building Code.

DESCRIPTION: GAF Timberline® Prestique 30, Timberline® HD, Timberline® Natural Shadow™, and Timberline® American Harvest™ Shingles

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 renews and revises NOA#10-0720.10 and consists of pages 1 through 6.
The submitted documentation was reviewed by Alex Tigera.

MIAMI-DADE COUNTY
APPROVED

NOA No.: 11-1122.04
Expiration Date: 02/21/17
Approval Date: 02/09/12
Page 1 of 6

LOCATING FL PRODUCT APPROVAL'S AND MIAMI-DADE NOA'S

- Manufacturers have most technical documents online
- Supply House
- Florida Building Code Online www.floridabuilding.org
- Miami-Dade Product Control Search www.miamidade.gov/building/pc-search

LOCATING A FLORIDA PRODUCT APPROVAL

- Go to www.floridabuilding.org
- Locate Product Approval Box

The screenshot shows the Florida Building Commission website. At the top, there is a navigation bar with links: Home, Stats & Facts, Publications, FBC Staff, BCIS Site Map, Links, and Search. The main content area features a central box with the text: "FLORIDA BUILDING COMMISSION", "Welcome to the Florida Building Commission Web Site.", and "Set your mouse cursor over any of the featured sections and choose a topic from the menu that appears." Surrounding this central box are six navigation buttons: "Florida Building Code" (top), "Product Approval" (left), "Education and Accreditation" (bottom-left), "Manufactured (Modular) Buildings" (right), "Proposed Code Modifications" (bottom-right), and "Binding Interpretations" (bottom). The "Product Approval" button is highlighted with a red border, and an arrow from the text "Go to www.floridabuilding.org" points to it. At the bottom of the page, there is contact information: "Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824" and a disclaimer: "The State of Florida is an AA/EEO employer. Copyright 2007-2010 State of Florida. :: Privacy Statement :: Accessibility Statement :: Refund Statement". A logo for "securityMETRICS Credit Card SAFE" is located in the bottom right corner.

LOCATING A MIAMI-DADE NOA

Go to http://www.miamidade.gov/building/pc-search_app.asp

- Locate Product Control Search
- Basic Search
- Advanced Search

The screenshot shows the Miami-Dade County website's Product Control Search page. The header includes navigation links for Home, Permits & Inspections, Plans, Product Control, Contractors, Building Officials, Compliance, Resources, and Contact Us. The main content area is titled 'Product Control Search' and features a 'MIAMI-DADE COUNTY APPROVED' badge. Below the badge, there are two search options: 'Basic Search' and 'Advanced Search'. The 'Basic Search' section prompts the user to enter a File Number (e.g., 01-0712.04) and includes a 'Search by File' input field and a 'Go' button. The 'Advanced Search' section provides a list of search parameters with dropdown menus: File Classification (Unknown / Unselected), Applicant (All), Category (All), Subcategory (All), Material (All), and Impact Rating (All). There are 'Go' and 'Reset' buttons for the advanced search. At the bottom, there is a checkbox for 'Maximum Design Pressure (+)' with a value of 0.00.

MIAMI-DADE COUNTY
PERMITTING, ENVIRONMENT
AND REGULATORY AFFAIRS

Home Permits & Inspections Plans Product Control Contractors Building Officials Compliance Resources Contact Us

Visited Pages: Product Control Search

Product Control Search

You can search our database for products, certificates and listings that have been approved for use on buildings in both Miami-Dade County and throughout the country.

MIAMI-DADE COUNTY APPROVED

Basic Search

To find a particular item, enter the File Number (i.e.: 01-0712.04). Search by File :

Advanced Search

Choose values for one, several or all search parameters. Each value that you choose narrows the scope of your search.

File Classification :	<input type="text" value="Unknown / Unselected"/>	<input type="button" value="Go"/>
Applicant	All (Select All)	<input type="button" value="Reset"/>
Category	All (Select All)	
Subcategory	All (Select All)	
Material	All (Select All)	
Impact Rating	All (Select All)	
<input type="checkbox"/> Maximum Design Pressure (+)	<input type="text" value="0.00"/>	

IDENTIFY THE ROOF SYSTEM

- Shingle
- Cement/Clay Tile
- Metal Shingle/Panel
- Built-up
- Single Ply
- Spray Polyurethane Foam

NOA VS. FPA TALE OF THE TAPE

- Depends on the system type
 - Product Description
 - Manufacturing Plants
 - Limitations (NOA no restrictions, FPA not for use in HVHZ)
 - Installation Description (Singular & Plural)
 - Product Description (Singular & Plural)
 - Limitations
 - Installation

THE DIFFERENCES BETWEEN AN FPA & NOA

- Let's look at the sample FPA and NOA
- Shingles (FL101024-R9, 11-1122.04)
 - Product Description
 - Manufacturing Plants
 - Limitations (NOA no restrictions, FPA not for use in HVHZ)
 - Installation
 - Other Roof Components that require additional FPA or NOA

THE DIFFERENCES BETWEEN AN FPA & NOA CONTINUED

- Let's look at the sample FPA and NOA
- Tile (FL7473-R3, 11-0321.03)
 - Description (Singular & Plural)
 - Product Description (Singular & Plural)
 - Limitations
 - Installation
 - Other Roof Components that require additional FPA or NOA

KNOWING YOUR PERMIT & SELECTING THE IMPORTANT STUFF

- Know the local Authority Having Jurisdiction (AHJ) permit requirements
- There are literally hundreds of building departments across the State of Florida
- Each AHJ has their own set of requirements and there may be local ordinances to consider
- May need more than one NOA or FPA to get permit issued (Roof Components)

CLOSING THE SHOW

- Questions