



Product Approval
USER: Public User

[Product Approval Menu](#) > [Application Detail](#)

OFFICE OF THE
SECRETARY

FL #	FL31588-R4
Application Type	Revision
Code Version	2026
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	GAF
Address/Phone/Email	1 Campus Drive Parisspany, NJ 07054 (800) 766-3411 mstieh@gaf.com
Authorized Signature	Michael Stieh michael.stieh@gaf.com
Technical Representative	Michael Stieh
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (973) 628-3000 mstieh@gaf.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen
Florida License	PE-59166
Quality Assurance Entity	UL LLC
Quality Assurance Contract Expiration Date	08/18/2028
Validated By	John W. Knezevich, PE ☒ Validation Checklist - Hardcopy Received
Certificate of Independence	FL31588_R4_COI_2024_07_COI_NIEMINEN.pdf
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	104.11 1507.2.7.1 1523.6.5.1 R905.2.6.1

Product Approval Method

Method 2 Option B

Date Submitted

08/13/2026

Date Validated

08/17/2026

Date Pending FBC Approval

08/19/2026

Date Approved

10/13/2026

Summary of Products

FL #	Model, Number or Name	Description
31588.1	Royal Sovereign (HVHZ)	Fiberglass reinforced, 3-tab asphalt roof shingle for use in FBC HVHZ jurisdictions.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: No Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER Section 5 for Limits of Use.		Installation Instructions FL31588 R4 II 2026 08 10 FINAL PEER-GAF-002.D SHINGLES-2B HVHZ FL31588-R4.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL31588 R4 AE 2026 08 10 FINAL PEER-GAF-002.D SHINGLES-2B HVHZ FL31588-R4.pdf Created by Independent Third Party: Yes
31588.2	Royal Sovereign (NON-HVHZ)	Fiberglass reinforced, 3-tab asphalt roof shingle for use in FBC non-HVHZ jurisdictions.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER Section 5 for Limits of Use.		Installation Instructions FL31588 R4 II 2026 08 10 FINAL PEER-GAF-002.C SHINGLES-2B NON-HVHZ FL31588-R4.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL31588 R4 AE 2026 08 10 FINAL PEER-GAF-002.C SHINGLES-2B NON-HVHZ FL31588-R4.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

GAF

1 Campus Drive
Parsippany, NJ 07054
(800) 766-3411

PEER-GAF-002.C.R3

FL31588-R4 (NON-HVHZ)

Date of Issuance: 02/14/2020

Revision 3: 08/10/2026

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under F.A.C. [Rule 61G20-3](#) 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 compliance with the intent of the 9th Edition (2026) Florida Building Code [sections noted herein](#).

DESCRIPTION: Royal Sovereign® Asphalt Roof Shingles (NON-HVHZ)

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein and FBC 1507.2.7.1 / R905.2.6.1 (for asphalt-shingles) or FBC 1507.2.7.2.1 / R905.2.6.2.1 (for hip and ridge shingles).

CONTINUED COMPLIANCE: This PEER is valid until 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 PEER by the named client constitutes agreement to notify Robert Nieminen, P.E. of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO|etc. requires a complete review of this PEER relative to updated Code requirements with each Code Cycle. Reference is made to the NEMO|etc. [Directory of P.E. Evaluations](#) to ascertain the status and/or current version of this PEER. If the PEER is not listed at the Nemo Directory, then it is no longer valid.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

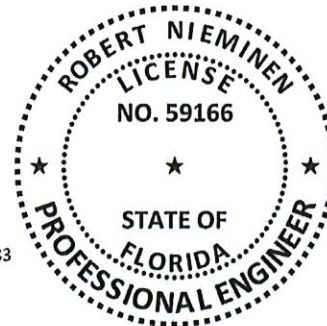
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 4.

Prepared by:

Digitally signed by
Robert Nieminen
Date: 2026.08.10
'11:32:47 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies. Robert Nieminen, Florida P.E. 59166, FBC ANE1983 NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC 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. NEMO ETC, LLC 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 PEERs 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.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

©2019, NEMO ETC, LLC

ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category: Roofing
Sub-Category: Asphalt Shingles
Product Approval Method: Method 2, Option B – Non-Codified Material, Evaluation by Engineer
Compliance Statement: Royal Sovereign® Asphalt Roof Shingles, as produced by GAF, have demonstrated compliance with the intent of the following sections of the 9th Edition (2026) Florida Building Code. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY
104.11	Alternative materials
1507.2.7.1, R905.2.6.1	Wind Resistance
1523.6.5.1	Wind Driven Rain

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
UL, LLC. (TST 9628)	ASTM G155, ASTM D3161, ASTM D7158, TAS 100	12CA61054	11/16/2012
UL, LLC. (QUA 9625)	Quality Control	Service Confirmation	08/18/2025
UL, LLC. (QUA 9625)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

TABLE 1: ASPHALT SHINGLE COMPONENTS						
TYPE	PRODUCT	DESCRIPTION	MATERIAL STANDARD*			PLANT(S)
			PROPERTY	METHOD	RESULT	
Asphalt Shingles	Royal Sovereign®	Fiberglass reinforced, 3-tab asphalt roof shingle	Loss on heating	ASTM D228	max. 1.5%	CA, FL, GA, IN, PA, TX
			Sliding on heating		max. 1/16-inch	
			Tear strength	ASTM D1922 per D228	min. 3.75 lbs	
			Penetration, asphalt	ASTM D5	min. 15	
			Softening point, asphalt	ASTM D36	190 ≤ °F ≤ 320	
			Fastener pull-through resistance	ASTM D3462	@73°F: min. 20 lbf @32°F: min. 23 lbf	
			Pliability at 73°F	ASTM D3462	4 of 5 pass	
			Granule embedment	ASTM D4977	max. 1 g	
			Weather resistance	ASTM G155, Cycle 1, 2000 hrs	no cracks, erosion or exposed felt	
			Breaking strength, after weathering	ASTM D146, Section 13	min. 80% retained strength	
			Wind driven rain	TAS 100	pass	

*Test options per FBC 104.11.2

**5. LIMITATIONS:**

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 **Wind Classification:** Refer to [Section 6](#) for installation requirements to meet wind classifications.

TABLE 2: WIND CLASSIFICATIONS, ASPHALT SHINGLES	
Product	FBC Table 1507.2.7.1 or R905.2.6.1
Royal Sovereign®	ASTM D3161(F) & ASTM D7158(H)

5.5.1 **Classification by ASTM D7158:**

ASTM D7158, Class H applies only to exposure category B or C and a building height of 60 feet or less. Calculations by a qualified design professional are required for conditions outside these limitations. Contact the shingle manufacturer for data specific to each shingle.

5.6 **Corrosion Resistance – Saltwater Environments:**

Fasteners and connectors, if applicable, in areas within 3,000 feet of a saltwater coastline shall demonstrate compliance with FBC 1711 to the satisfaction of the Authority Having Jurisdiction.

- 5.7 All components in the roof assembly shall have quality assurance audit in accordance with F.A.C. [Rule 61G20-3](#). Refer to the Product Approval of the component manufacturer for components that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

6. INSTALLATION:**6.1 GENERAL:**

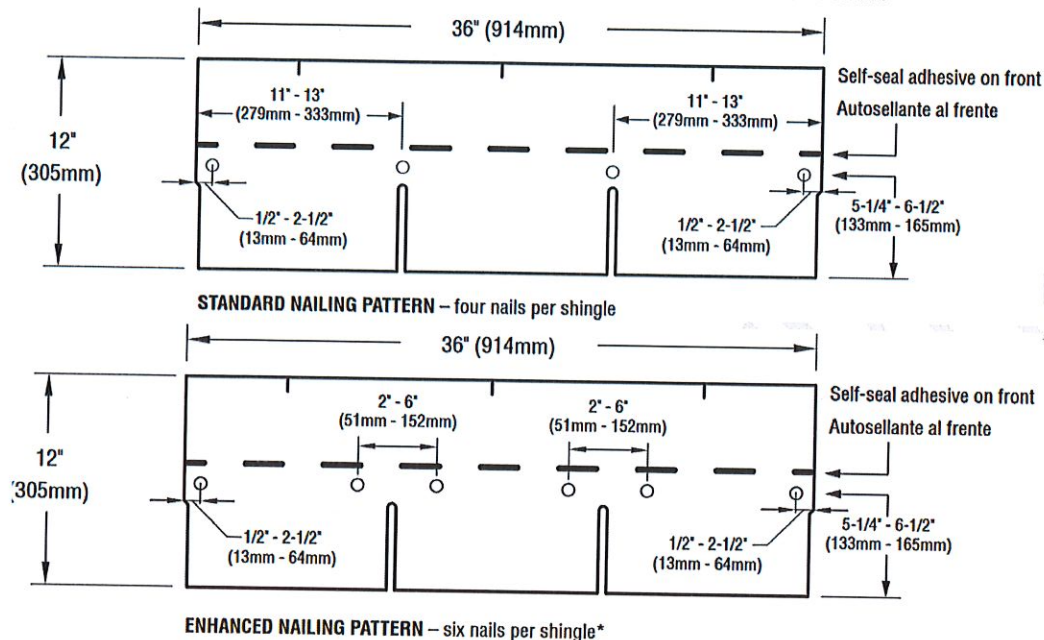
- 6.1.1 Roof deck, slope, underlayment and fasteners shall comply with FBC 1507.2 / R905.2 and the shingle manufacturer's minimum requirements.
- 6.1.2 Underlayment shall be acceptable to GAF and shall hold current [Florida Product Approval](#), or be Locally Approved per F.A.C. [Rule 61G20-3](#), per FBC Sections 1507.2.3 or R905.2.3.
- 6.1.3 For cut 3-tab shingles used as hip/ridge shingles, reference is made to FBC Section 1507.2.7.2.2 for a prescriptive alternative for attachment thereof.



NEMO|etc.®

6.2 ASPHALT SHINGLES:

- 6.2.1 Installation of **Royal Sovereign® Asphalt Roof Shingles** shall comply with the GAF current published instructions, using minimum four (4) nails per shingle in accordance with FBC 1507.2.7 or R905.2.6.



- 6.2.2 Fasteners shall be in accordance with manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.2.3 Where the roof slope exceeds 21 units vertical in 12 units horizontal, special methods of fastening are required. Contact GAF for details.

7. LABELING:

- 7.1 Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein.
- 7.2 Asphalt shingle wrappers shall indicate compliance with one of the required classifications detailed in **FBC Table 1507.2.7.1 / R905.2.6.1**.
- 7.3 The **Royal Sovereign® Asphalt Roof Shingles** evaluated herein are defined on the packaging as follows:
- ✓ Florida Statewide Product Approval **FL31588**

8. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

9. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by F.A.C. **Rule 61G20-3** QA requirements. Refer to **Section 4** herein for products and production locations having met codified material standards.

10. QUALITY ASSURANCE ENTITY:

UL (QUA9625): (360) 817-5512; bsai.inspections@ul.com

- END OF PEER -