



# City of Belle Isle Job Site Card Roofing PERMIT 2018-04-004

**PERMIT MUST BE POSTED ON SITE** - A permit expires in 6 months if approved inspections are not recorded /scheduled within that time frame. You are responsible for scheduling and keeping track of all your inspections -

Permit Number 2018-04-004

Issue Date: 04-16--2018

Site Address: 5238 Oak Island Rd . 32809

Parcel Number: 18-23-30-7160-01-060

Class: Residential

Subdivision:

Description of Work: New Roof for Boat Dock - 400 SQFT- Asphalt Shingles.

Issued To: Hodgskin Outdoor Living Inc  
Name: Hodgskin, Lori

Business Phone: 407 450 4241  
Contractor License: CBC057656

Payment Date & Method: 4 / 17 / 2018

Visa  Master Card  Amex  Discover  Check / Money Order # 1847

**Schedule Inspections via Email at: [BDscheduling@universalengineering.com](mailto:BDscheduling@universalengineering.com)  
SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME  
Inspection Results Will Be Sent Out the Following Business Day**

**"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."**

**ROOF                      INSPECTOR    DATE                      COMMENTS**

700 In-progress			
710 Final			

Inspection requests are to be emailed to [BDscheduling@UniversalEngineering.com](mailto:BDscheduling@UniversalEngineering.com); a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 4pm.** Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

RECEIVED  
APR - 2 2018

## APPLICATION FOR ROOFING PERMIT

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 04/02/2018

ROOF PERMIT NUMBER 2018-04-004

PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 5238 Oak Island Road, Belle Isle, FL  32809 32812  
Property Owner Ron Hale Phone \_\_\_\_\_  
Property Owner's Mailing Address 6557 Gibson Drive City Belle Isle  
State FL Zip Code 32809 Parcel Id Number: 18-23-30-7160-01-060

REQUIRED! To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

Class of Building: Old  New  Type of Building: Residential  Commercial  Other   
Type of Work: New Roof  ReRoof

**NEW ROOF FOR BOAT DOCK**

- REQUIRED! Florida Product Approval Screen Printout from [www.floridabuilding.org](http://www.floridabuilding.org) showing the Code Version
- REQUIRED! Florida Product Approval Installation Instructions from [www.floridabuilding.org](http://www.floridabuilding.org) (not the manufacturer instructions)
- REQUIRED! Copies of your General Liability & Worker's Comp Insurance Certificate & State and Local Licenses

Please indicate the nature of work by completing the information below:

Roof Square Footage: 400 sq.ft. Number of Stories: 1 Job Valuation: \$ 2,000  
Type: Asphalt Shingles  Metal  Modified Bitumen  Other: \_\_\_\_\_

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances. By signing below, I recognize Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

**PAID**  
APR 2 2018  
MC 1847

LICENSE HOLDER SIGNATURE Sheila Cichra LICENSE # CBC057656  
LICENSE HOLDER NAME Sheila Cichra for Lori Hodgskin COMPANY NAME Hodgskin Outdoor Living, Inc.  
Street Address 1331 Green Forest Court, Ste #1  
City Winter Garden State FL Zip Code 34787 Phone Number (407) 450-4241  
Email Address sheilacichra@gmail.com

none-NEW

Zoning Fee	\$	_____
Permit Fee	\$	<u>30.-</u>
Review Fee	\$	<u>15.-</u>
Florida Surcharge	\$	<u>4.- min</u>
Total Permit Fee	\$	<u>49.00</u>

Building Official: [Signature] Date 4-17-18  
Verified Contractor's Licenses & Insurance are on file [Signature] Date 4-2-18

NOTE: The Building Permit Number is required if the Roof Installation is associated with any construction or alteration where a Building Permit has been issued.

107570

157 1K  
5x1

255/150/5/5

Building Permit Number \_\_\_\_\_



**City of Belle Isle**  
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811  
 Tel 407-581-8161 \* Fax 407-581-0313 \* [www.universalengineering.com](http://www.universalengineering.com)

## Product Approval Form

DATE: 04/02/2018

PERMIT # 2018-04-004

PROJECT ADDRESS 5238 Oak Island Road, Belle Isle, FL  32809  32812

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at [www.floridabuilding.org](http://www.floridabuilding.org) or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. **This Product Approval Cover Sheet**
2. **Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped**
3. **Manufacturer's *installation* details from FloridaBuilding.org and requirements for each product stamped**

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
<b>EXTERIOR DOORS</b>				<b>WALL PANELS</b>			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
<b>WINDOWS</b>				<b>ROOFING PRODUCTS</b>			
Single/Dbf Hung				Asphalt Shingles	GAF	TIMBERLINE	10124-R20
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Underlayment	GAF	UnderRoof	10626-R13
Skylights				Other			
Other							
<b>STRUCTURAL COMPONENTS</b>				<b>OTHER</b>			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							


 Reviewed for Code Compliance  
 Universal Engineering Sciences

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature *Michael*

Date 04/02/2018



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**Product Approval**  
USER: Public User

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 **Application Detail**



FL #	FL10124-R20												
Application Type	Revision												
Code Version	2017												
Application Status	Approved												
Comments													
Archived	<input type="checkbox"/>												
Product Manufacturer	GAF												
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 mstieh@gaf.com												
Authorized Signature	Robert Nieminen lindar@nemoetc.com												
Technical Representative	William Broussard												
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 TechnicalQuestionsGAF@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	10/20/2018												
Validated By	John W. Knezevich, PE ✓ Validation Checklist - Hardcopy Received												
Certificate of Independence	<a href="#">FL10124 R20 COI 2017 01 COI Nieminen.pdf</a>												
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>ASTM D1970</td> <td>2015</td> </tr> <tr> <td>ASTM D3161</td> <td>2016</td> </tr> <tr> <td>ASTM D3462</td> <td>2010</td> </tr> <tr> <td>ASTM D7158</td> <td>2011</td> </tr> <tr> <td>TAS 107</td> <td>1995</td> </tr> </tbody> </table>	Standard	Year	ASTM D1970	2015	ASTM D3161	2016	ASTM D3462	2010	ASTM D7158	2011	TAS 107	1995
Standard	Year												
ASTM D1970	2015												
ASTM D3161	2016												
ASTM D3462	2010												
ASTM D7158	2011												
TAS 107	1995												
Equivalence of Product Standards Certified By													
Sections from the Code													





**EXTERIOR RESEARCH & DESIGN, LLC.**

Certificate of Authorization #9503  
353 CHRISTIAN STREET, UNIT #13  
OXFORD, CT 06478  
(203) 262-9245

**EVALUATION REPORT**

**GAF**

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

**Evaluation Report 01506.01.08-R22**

**FL10124-R20**

**Date of Issuance: 01/03/2008**

**Revision 22: 09/20/2017**

**SCOPE:**

This Evaluation Report is issued under **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 use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been evaluated for compliance with the **6<sup>th</sup> Edition (2017) Florida Building Code** sections noted herein.

**DESCRIPTION: GAF Asphalt Roof Shingles**

**LABELING:** Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein and **FBC 1507.2.7.1 / R905.2.6.1**.

**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 6.

**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 09/20/2017. This does not serve as an electronically signed document.

**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.
5. This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.



**ROOFING SYSTEMS EVALUATION:**

**1. SCOPE:**

**Product Category:** Roofing  
**Sub-Category:** Asphalt Shingles

**Compliance Statement:** GAF Asphalt Roof Shingles, as produced by GAF, have demonstrated compliance with the following sections of the 6<sup>th</sup> Edition (2017) Florida Building Code and Florida Building Code, Residential Volume through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

**2. STANDARDS:**

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1507.2.4 / 1507.1.1, R905.2.3 / R905.1.1	Physical Properties	ASTM D1970	2015
1507.2.5, R905.2.4	Physical Properties	ASTM D3462	2010
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D3161	2016
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D7158	2011
1507.2.7.1, R905.2.6.1	Wind Resistance	TAS 107	1995

**3. REFERENCES:**

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
GAF (PDM 1915)	Letter of Equivalency	Seal-A-Ridge Impact Resistant IR	01/13/2012
PRI (TST 5878)	Physical Properties	GAF-025-02-01	03/27/2002
PRI (TST 5878)	ASTM D3462	GAF-059-02-01	09/02/2004
PRI (TST 5878)	ASTM D3462	GAF-080-02-01	05/25/2005
PRI (TST 5878)	Physical Properties	GAF-324-02-01	12/01/2011
PRI (TST 5878)	Wind Driven Rain	GAF-407-02-01	01/21/2013
UL (TST 1740)	ASTM D3462	93NK6295	11/29/1993
UL (TST 1740)	ASTM D3462	99NK43835	01/12/2000
UL (TST 1740)	TAS 107	94NK9632	03/29/2000
UL (TST 1740)	ASTM D3462	01NK06632	02/02/2001
UL (TST 1740)	ASTM D3161, TAS 107	01NK9226	05/21/2001
UL (TST 1740)	ASTM D3161	01NK37122	12/18/2001
UL (TST 1740)	ASTM D3462	01NK37122	12/19/2001
UL (TST 1740)	ASTM D3161, TAS 107	02NK12980	04/10/2002
UL (TST 1740)	ASTM D3161, TAS 107	02NK30871	09/09/2002
UL (TST 1740)	ASTM D3161	03CA5367	03/11/2003
UL (TST 1740)	ASTM D3462	03NK26444	10/17/2003
UL (TST 1740)	ASTM D3462	04NK13850	06/07/2004
UL (TST 1740)	ASTM D3161	04NK13850	06/23/2004
UL (TST 1740)	ASTM D3161	04NK30546	03/10/2005
UL (TST 1740)	ASTM D3462	04NK22009	05/06/2005
UL (TST 1740)	ASTM D3161	04NK22009	05/09/2005
UL (TST 1740)	ASTM D3462	05NK27924	02/10/2006
UL (TST 1740)	ASTM D3161	05NK27924	02/11/2006
UL (TST 1740)	ASTM D3161, D3462	06CA18077	06/05/2006
UL (TST 1740)	ASTM D3161, D3462	06CA18074	06/16/2006
UL (TST 1740)	ASTM D3161, D3462	06CA35251	10/18/2006
UL (TST 1740)	ASTM D3462	06CA31603	12/01/2006
UL (TST 1740)	ASTM D3161, D3462	06CA41095	12/27/2006
UL (TST 1740)	ASTM D3161	07NK05228	03/13/2007
UL (TST 1740)	ASTM D3161	06CA31611	04/04/2007
UL (TST 1740)	ASTM D3161	06CA61148	04/09/2007
UL (TST 1740)	ASTM D3161, D3462	07CA31742	11/08/2007
UL (TST 1740)	ASTM D3161, D7158, D3462	08CA06100	03/13/2008

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
UL (TST 1740)	ASTM D3161, D3462	07CA55908	04/01/2008
UL (TST 1740)	ASTM D3161, D3462	09CA10592	03/26/2009
UL (TST 1740)	ASTM D3161, D3462	09CA06856	05/15/2009
UL (TST 1740)	ASTM D3161, D7158, D3462	09NK06647	08/01/2009
UL (TST 1740)	ASTM D3161, D7158, D3462	09CA27281	08/27/2009
UL (TST 1740)	ASTM D3161, D7158, D3462	10CA35554	03/05/2010
UL (TST 1740)	ASTM D3161, D7158, D3462	10CA13686	05/15/2010
UL (TST 1740)	ASTM D3462	10CA07264	05/27/2010
UL (TST 1740)	ASTM D3462	10CA11953	10/29/2010
UL (TST 1740)	ASTM D3161, D7158, D3462	10NK11951	10/30/2010
UL (TST 1740)	ASTM D3161, D7158, D3462	10NK12070	11/04/2010
UL (TST 1740)	ASTM D3161, D7158, D3462	08CA06100	01/30/2010
UL (TST 1740)	ASTM D3161, D7158, D3462	10CA53934	03/31/2011
UL (TST 1740)	ASTM D3161, D7158, D3462	11CA48924	10/22/2011
UL (TST 1740)	ASTM D3161, D7158, D3462	11CA47919	12/03/2011
UL (TST 1740)	ASTM D3161, D7158, D3462	11CA48408	12/08/2011
UL (TST 1740)	ASTM D3161, D7158, D3462	11CA48725	12/09/2011
UL, LLC. (TST 9628)	ASTM D3462	12CA34891	10/12/2012
UL, LLC. (TST 9628)	ASTM D3161, D7158, D3462	12CA58151	02/15/2013
UL, LLC. (TST 9628)	ASTM D3161	12CA38083	02/26/2013
UL, LLC. (TST 9628)	ASTM D3161	13CA32332	06/18/2013
UL, LLC. (TST 9628)	ASTM D3161	13CA37934	08/02/2013
UL, LLC. (TST 9628)	ASTM D3161, D7158, D3462	4786875675	07/17/2015
UL, LLC. (TST 9628)	ASTM D3161, D7158, D3462	4787434542	05/17/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Mobile, AL	10/25/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Myerstown, PA	10/20/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Tuscaloosa, AL	11/11/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Michigan Cty, IN	11/01/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Shafter, CA	11/17/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Savannah, GA	11/11/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Minneapolis, MN	10/25/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Mt. Vernon, IN	10/25/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Baltimore, MD	10/21/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Tampa, FL	11/17/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Dallas, TX	11/04/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Ennis, TX	11/03/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R21, Fontana, CA	11/01/2016

**4. PRODUCT DESCRIPTION:**

**4.1 Asphalt Shingles:**

- 4.1.1 Marquis® WeatherMax®, Royal Sovereign® and Sentinel® are a fiberglass reinforced 3-tab asphalt roof shingles.
- 4.1.2 Camelot®, Camelot® II, Fortitude™, Glenwood™, Grand Canyon®, Grand Sequoia®, Grand Sequoia® IR, Grand Sequoia® ArmorShield™, Monaco®, Sienna®, Timberline® American Harvest®, Timberline® ArmorShield™ II, Timberline® Natural Shadow®, Timberline HD®, Timberline® Cool Series®, Timberline Ultra HD® and Woodland® are fiberglass reinforced, laminated asphalt roof shingles.
- 4.1.3 Slateline® is a fiberglass reinforced 5-tab asphalt roof shingle.

**4.2 Hip & Ridge Shingles:**

- 4.2.1 Seal-A-Ridge® Ridge Cap Shingles, Seal-A-Ridge® IR Impact-Resistant Ridge Cap Shingles, Seal-A-Ridge® ArmorShield™ Ridge Cap Shingles and Timbertex® Premium Ridge Cap Shingles are fiberglass reinforced, hip and ridge asphalt roof shingles.



**4.3 Accessory Starter Strips:**

- 4.3.1 Pro-Start® Eave/Rake Starter Strip Shingles and WeatherBlocker™ Premium Eave/Rake Starter Strip Shingles are starter strips for asphalt roof shingles.
- 4.3.2 QuickStart® Peel & Stick Starter Roll is a mineral-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen starter strip, nominal 9-inch x 33 ft roll, for use with asphalt shingles with exposure of 6-inch or less.
- 4.3.3 StarterMatch™ Starter Strip Shingles are color-coordinated starter strips for use with Grand Canyon® and Grand Sequoia® series asphalt shingles. StarterMatch™ are installed as the second starter for Grand Canyon® and Grand Sequoia® series installations.

**5. LIMITATIONS:**

- 5.1 This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in FBC HVHZ jurisdictions.
- 5.3 Fire Classification is not part of this Evaluation Report; refer to current Approved Roofing Materials Directory for fire ratings of this product.

**5.4 Wind Classification:**

- 5.4.1 The **GAF asphalt shingles** noted in **Section 4.1** are Classified in accordance with **FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F** and/or **ASTM D7158, Class H**, indicating the shingles are acceptable for use in all wind zones up to  $V_{asd} = 150$  mph ( $V_{ult} = 194$  mph). Refer to Section 6 for installation requirements to meet this wind rating.
- 5.4.2 The **GAF hip & ridge shingles** noted in **Section 4.2** are Classified in accordance with **FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F**, indicating the shingles are acceptable for use in all wind zones up to  $V_{asd} = 150$  mph ( $V_{ult} = 194$  mph). Refer to Section 6 for installation requirements to meet this wind rating.
- 5.4.3 Classification by **ASTM D7158** applies only to **exposure category B or C**, as defined in **FBC 1609.4.3**, and a **mean roof 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.
- 5.5 All products in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**.

**6. INSTALLATION:**

**6.1 Underlayment:**

- 6.1.1 Underlayment shall be acceptable to **GAF** and shall hold current Florida Statewide Product Approval, or be Locally Approved per **Rule 61G20-3**, per **FBC 1507.2.3, 1507.2.4 or R905.2.3**.

**6.2 Starter Shingles or Starter Strip:**

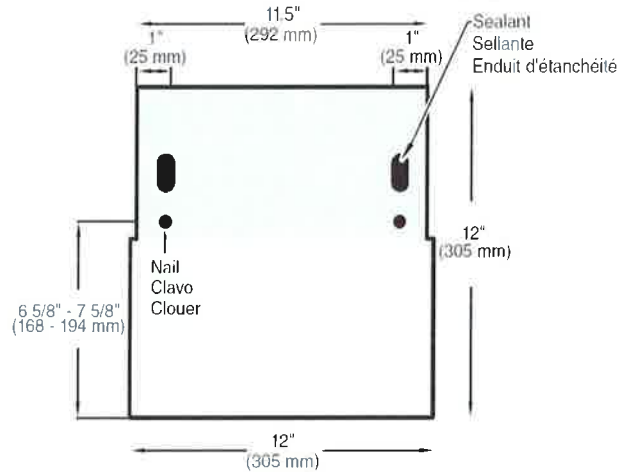
- 6.2.1 Installation of **Pro-Start Eave/Rake Starter Strip Shingles, WeatherBlocker Premium Eave/Rake Starter Strip Shingles** and **QuickStart Peel & Stick Starter Roll** shall comply with the **GAF** current published instructions.

**6.3 Asphalt Shingles:**

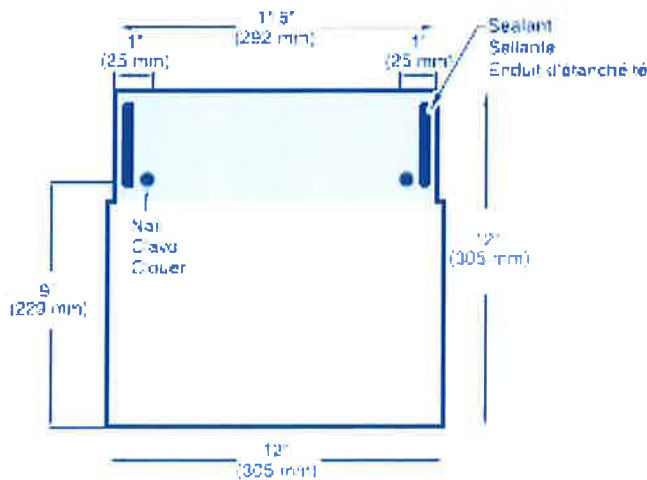
- 6.3.1 Installation of asphalt shingles shall comply with the **GAF** current published instructions, using minimum four (4) nails per shingle in accordance with **FBC 1507.2.7 or R905.2.6**, with the following exceptions:
  - **Camelot, Camelot II, Grand Canyon, Grand Sequoia, Grand Sequoia IR, Grand Sequoia ArmorShield, and Woodland** require minimum five (5) nails per shingle.
  - **Slateline** requires minimum six (6) nails per shingle.
- 6.3.2 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.
- 6.3.3 Where the roof slope exceeds 21 units vertical in 12 units horizontal, special methods of fastening are required. Contact the GAF for details.

**6.4 Hip & Ridge Shingles:**

6.4.1 Installation of **Seal-A-Ridge Ridge Cap Shingles**, **Seal-A-Ridge IR Impact-Resistant Ridge Cap Shingles** and **Seal-A-Ridge ArmorShield Ridge Cap Shingles** shall comply with the GAF current published instructions with a minimum two (2) nails, minimum 3/8-inch head diameter, per shingle and nominal 0.25-inch diameter beads of **Henkel "Loctite PL S30 Roof & Flashing Sealant"**.



6.4.2 Installation of **Timbertex Premium Ridge Cap Shingles** shall comply with GAF current published instructions with a minimum two (2) nails, minimum 3/8-inch head diameter, per shingle and beads of **Sonneborn NP1 Gun Grade Polyurethane Sealant** or **Henkel PL Roofing and Flashing Sealant**.



6.4.3 Fasteners shall be in accordance with GAF published requirements, but not less than **FBC 1507.2.6** or **R905.2.5**. Staples are not permitted.

**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.**

**8. BUILDING PERMIT REQUIREMENTS:**

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

**9. MANUFACTURING PLANTS:**

Contact the named QA entity for information on which plants produce products covered by Florida Rule 61G20-3 QA requirements.

**10. QUALITY ASSURANCE ENTITY:**

UL LLC – QUA9625; (847) 664-3281

- END OF EVALUATION REPORT -



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 **Application Detail**



FL #	FL10626-R13														
Application Type	Revision														
Code Version	2017														
Application Status	Approved														
Comments															
Archived	<input type="checkbox"/>														
Product Manufacturer	GAF														
Address/Phone/Email	1 Campus Drive Parispany, NJ 07054 (800) 766-3411 mstieh@gaf.com														
Authorized Signature	Robert Nieminen lindar@nemoetc.com														
Technical Representative	William Broussard														
Address/Phone/Email	1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 TechnicalQuestionsGAF@gaf.com														
Quality Assurance Representative															
Address/Phone/Email															
Category	Roofing														
Subcategory	Underlayments														
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> 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	05/19/2020														
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received														
Certificate of Independence	<a href="#">FL10626_R13_COI_2017_01_COI_Nieminen.pdf</a>														
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><b>Standard</b></th> <th><b>Year</b></th> </tr> </thead> <tbody> <tr> <td>ASTM D1970</td> <td>2015</td> </tr> <tr> <td>ASTM D6164</td> <td>2011</td> </tr> <tr> <td>ASTM D6757</td> <td>2016</td> </tr> <tr> <td>FM 4474</td> <td>2011</td> </tr> <tr> <td>FRSA/TRI April 2012 (04-12)</td> <td>2012</td> </tr> <tr> <td>TAS 103</td> <td>1995</td> </tr> </tbody> </table>	<b>Standard</b>	<b>Year</b>	ASTM D1970	2015	ASTM D6164	2011	ASTM D6757	2016	FM 4474	2011	FRSA/TRI April 2012 (04-12)	2012	TAS 103	1995
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FRSA/TRI April 2012 (04-12)	2012														
TAS 103	1995														
Equivalence of Product Standards Certified By															





**EXTERIOR RESEARCH & DESIGN, LLC.**

Certificate of Authorization #9503  
353 CHRISTIAN STREET, UNIT #13  
OXFORD, CT 06478  
(203) 262-9245

**EVALUATION REPORT**

**GAF**

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

**Evaluation Report 01506.04.08-R13**

**FL10626-R13**

**Date of Issuance: 04/25/2008**

**Revision 13: 09/22/2017**

**SCOPE:**

This Evaluation Report is issued under **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 use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been evaluated for compliance with the **6<sup>th</sup> Edition (2017) Florida Building Code** sections noted herein.

**DESCRIPTION: GAF Roof Underlayments**

**LABELING:** Labeling shall be 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.

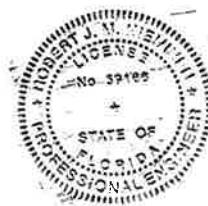
**INSPECTION:** Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 9.

**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 09/22/2017. 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.
5. This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

**ROOFING COMPONENT EVALUATION:**

**1. SCOPE:**

**Product Category:** Roofing

**Sub-Category:** Underlayment

**Compliance Statement:** GAF Roof Underlayments, as produced by GAF, have demonstrated compliance with the following sections of the Florida Building Code through testing in accordance with the following Standards. Compliance is subject to the Installation Requirements and Limitations / Conditions of Use set forth herein.

**2. STANDARDS:**

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1504.3.1	Wind Uplift	FM 4474	2011
1507.2.3 / 1507.1.1	Physical Properties	ASTM D6757	2016
1507.2.4 / 1507.1.1, 1507.2.9.2	Physical Properties	ASTM D1970	2015
1507.3.3	Physical properties	FRSA/TRI April 2012 (04-12)	2012
1507.11.2	Physical Properties	ASTM D6164	2011
1523.6.5.2.1	Physical Properties	TAS 103	1995

**3. REFERENCES:**

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
ERD (TST 6049)	FRSA/TRI April 2012 (Slippage)	G34150.08.11	11/14/2011
ERD (TST 6049)	ASTM D6164	G40630.01.14-2B	01/07/2014
ERD (TST 6049)	ASTM D6164	G46160.09.14-3A	09/09/2014
ERD (TST 6049)	ASTM D1970	GAF-SC13285.03.17-3	03/01/2017
ERD (TST 6049)	ASTM D1970	GAF-SC13285.03.17-4	03/01/2017
PRI (TST 5878)	ASTM D1970	GAF-026-02-01	03/26/2002
PRI (TST 5878)	ASTM D1970	GAF-027-02-01	03/26/2002
PRI (TST 5878)	Physical properties	GAF-042-02-01	06/03/2005
PRI (TST 5878)	ASTM D1970	GAF-238-02-01	03/03/2010
PRI (TST 5878)	ASTM D1970	GAF-275-02-01	11/11/2010
PRI (TST 5878)	Wind Uplift	GAF-434-02-01	09/16/2013
PRI (TST 5878)	Wind Uplift	GAF-434-02-03	09/16/2013
PRI (TST 5878)	Wind Uplift	GAF-434-02-04	09/16/2013
UL (TST 1740)	Physical properties	02NK22569	06/04/2002
UL (TST 1740)	ASTM D6757	10NK11990	05/18/2011
Miami-Dade (CER 1592)	HVHZ compliance	14-0915.02	09/10/2015
Miami-Dade (CER 1592)	HVHZ compliance	16-1216.02	02/02/2017
ICC-ES (EVL2396)	IBC compliance	ESR-1322	01/01/2017
UL, LLC. (QUA 9625)	Quality Control	Inspect, File R10689 (NC)	06/28/2017
UL, LLC. (QUA 9625)	Quality Control	Inspect, File R10689 (GA)	05/19/2016
UL, LLC. (QUA 9625)	Quality Control	Inspect, File R10689 (IN)	06/14/2017

**4. PRODUCT DESCRIPTION:**

**4.1 Self-Adhering Underlayments:**

**4.1.1 Liberty™ SBS Self-Adhering Base/Ply Sheet** is a smooth-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen roof underlayment; meets ASTM D1970.

**4.1.2 StormGuard® Film Surfaced Leak Barrier** is a film-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen roof underlayment; meets ASTM D1970. StormGuard® Film Surfaced Leak Barrier is also used as a secondary water barrier to seal roof decks.

**4.1.3 UnderRoof™ HT High Temperature Leak Barrier** is a polyester-mat-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen roof underlayment; meets ASTM D1970.

- 4.1.4 **WeatherWatch® Mineral Surfaced Leak Barrier** is a mineral-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen roof underlayment; meets ASTM D1970. WeatherWatch® Mineral Surfaced Leak Barrier is also used as a secondary water barrier to seal roof decks.
- 4.1.5 **WeatherWatch® XT Mat Surfaced Leak Barrier** is a coated-mat-surfaced, fiberglass-reinforced, self-adhering SBS modified bitumen roof underlayment; meets ASTM D1970.
- 4.2 **Mechanically Fastened Underlayments:**
- 4.2.1 **VersaShield® Fire-Resistant Roof Deck Protection** is a non-asphaltic, fiberglass-based roof underlayment and/or fire barrier; meets physical requirements of ASTM D6757.
- 4.3 **Asphalt-Applied Underlayments:**
- 4.3.1 **Ruberoid® Mop Granule** is a granule-surfaced, polyester-reinforced, asphalt-applied SBS modified bitumen roof underlayment; meets ASTM D6164.
- 4.3.2 **Ruberoid® Mop Granule FR** is a granule-surfaced, polyester-reinforced, asphalt-applied SBS modified bitumen roof underlayment; meets ASTM D6164.

**5. LIMITATIONS:**

- 5.1 This is a building code evaluation. Neither Trinity|ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.
- 5.2 This Evaluation Report is not for use in FBC HVHZ jurisdictions.
- 5.3 Fire Classification is not part of this Evaluation Report; refer to current Approved Roofing Materials Directory or test report from accredited testing agency for fire ratings of this product.
- 5.4 **GAF Roof Underlayments** may be used with any prepared roof cover where the product is specifically referenced within FBC approval documents. If not listed, a request may be made to the Authority Having Jurisdiction for approval based on this evaluation combined with supporting data for the prepared roof covering.
- 5.5 **Allowable Roof Covers:**

TABLE 1: ROOF COVER OPTIONS						
Underlayment	Asphalt Shingles	Nail-On Tile	Foam-On Tile	Metal	Wood Shakes & Shingles	Slate or Simulated Slate
VersaShield® Fire-Resistant Roof Deck Protection	Yes	No	No	No	No	No
Liberty™ SBS Self-Adhering Base/Ply Sheet	Yes	No	No	No	No	No
StormGuard® Film Surfaced Leak Barrier	Yes	No	No	Yes	No	No
UnderRoof™ HT High Temperature Leak Barrier	Yes	No	No	Yes	No	No
WeatherWatch® Mineral Surfaced Leak Barrier	Yes	No	No	No	No	No
WeatherWatch® XT Mat Surfaced Leak Barrier	Yes	No	No	No	No	No
Ruberoid® Mop Granule	Yes	Yes	Yes See 5.5.1	No	Yes	Yes
Ruberoid® Mop Granule FR	Yes	Yes	Yes See 5.5.1	No	Yes	Yes

5.5.1 “Foam-On Tile” is limited to use of the following Approved tile adhesives / underlayment combinations.

TABLE 1A: ALLOWABLE TILE ADHESIVE / UNDERLAYMENT COMBINATIONS <sup>1</sup>		
Adhesive	Florida Product Approval	Underlayments
Dow TileBond™	FL22525	Ruberoid® Mop Granule; Ruberoid® Mop Granule FR

5.6 Allowable Substrates:

5.6.1 Direct-Bond to Deck:

- ✓ Liberty™ SBS Self-Adhering Base/Ply Sheet; StormGuard® Film Surfaced Leak Barrier; UnderRoof™ HT High Temperature Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier and WeatherWatch® XT Mat Surfaced Leak Barrier self-adhered to new untreated plywood or existing untreated ASTM D41 primed plywood.
- ✓ Ruberoid® Mop Granule and Ruberoid® Mop Granule FR in hot asphalt to ASTM D41 primed structural concrete.

5.6.2 Bond to Mechanically Attached Base Layer:

- ✓ Liberty™ SBS Self-Adhering Base/Ply Sheet; StormGuard® Film Surfaced Leak Barrier; UnderRoof™ HT High Temperature Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier and WeatherWatch® XT Mat Surfaced Leak Barrier self-adhered to ASTM D226, Type II felt
- ✓ Ruberoid® Mop Granule and Ruberoid® Mop Granule FR in hot asphalt to GAFGLAS® #80 Ultima™ Base Sheet or Ruberoid® 20 Smooth.

5.6.3 Bond to Other Substrate Types:

- ✓ ASTM D41 primed metal (flashing metal, valley metal, etc.)

5.6.4 Wind Resistance for Underlayment Systems in Foam-On Tile Applications:

**FRSA/TRI April 2012 (04-12)** does not address wind uplift resistance of all underlayment systems beneath foam-on or mortar-set tile systems, where the underlayment forms part of the load-path. The following wind uplift limitations apply to underlayment systems that are not addressed in **FRSA/TRI April 2012 (04-12)** and are used in foam-on or mortar-set tile applications. Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FRSA/TRI April 2012 (04-12), Appendix A, Table 1A** or **FBC 1609** for determination of design wind loads.

#1 Maximum Design Pressure = -45 psf.

- Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of Authority Having Jurisdiction.
- Base Layer: GAFGLAS® #80 Ultima™ Base Sheet or Ruberoid® 20 Smooth mechanically attached with 12 ga., min. 1.25-inch long ring shank nails through 32 ga., 1-5/8 inch diameter tin caps spaced 9-inch o.c. at the 4-inch wide side laps and 9-inch o.c. at two (2), equally spaced, staggered center in the field of the sheet.
- Top Layer: Ruberoid® Mop Granule or Ruberoid® Mop Granule FR applied in full mopping of ASTM D312, Type IV hot asphalt at 20 to 25 lbs/square.

<sup>1</sup> Refer to Tile Manufacturer’s or Adhesive Manufacturer’s Florida Product Approval for Overturning Moment Resistance Performance.





#2 **Maximum Design Pressure = -75 psf.**

- Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of Authority Having Jurisdiction.
- Base Layer: GAFGLAS® #80 Ultima™ Base Sheet or Ruberoid® 20 Smooth mechanically attached with 12 ga., min. 1.25-inch long ring shank nails through 32 ga., 1-5/8 inch diameter tin caps spaced 8-inch o.c. at the 4-inch wide side laps and 8-inch o.c. at three (3), equally spaced, staggered center in the field of the sheet.
- Top Layer: Ruberoid® Mop Granule or Ruberoid® Mop Granule FR applied in full mopping of ASTM D312, Type IV hot asphalt at 20 to 25 lbs/square.

#3 **Maximum Design Pressure = -442.5 psf.**

- Deck: Min. 2,500 psi structural concrete to meet project requirements to satisfaction of Authority Having Jurisdiction
- Base Layer: GAFGLAS #75 Base Sheet, Tri-Ply #75 Base Sheet, GAFGLAS #80 Ultima Base Sheet, GAFGLAS Ply 4, Tri-Ply Ply 4 or GAFGLAS FlexPly 6 applied in full mopping of ASTM D312, Type IV hot asphalt at 20 to 25 lbs/square.
- Top Layer: Ruberoid® Mop Granule or Ruberoid® Mop Granule FR applied in full mopping of ASTM D312, Type IV hot asphalt at 20 to 25 lbs/square.

5.6.4.1 For mechanically attached Base Sheet, the maximum design pressure for the selected assembly shall meet or exceed that required under **FRSA/TRI April 2012 (04-12), Appendix A, Table 1A.**

Alternatively, the maximum design pressure for the selected assembly shall meet or exceed the Zone 1 design pressure determined in accordance with **FBC 1609**. In this case, Zones 2 and 3 shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are **ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29 and Roofing Application Standard RAS 117**. Assemblies marked with an asterisk\* carry the limitations set forth in Section 2.2.10.1 of **FM Loss Prevention Data Sheet 1-29 (January 2016)** for Zone 2/3 enhancements.

5.7 **Exposure Limitations:**

Liberty™ SBS Self-Adhering Base/Ply Sheet; StormGuard® Film Surfaced Leak Barrier; UnderRoof™ HT High Temperature Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier and WeatherWatch® XT Mat Surfaced Leak Barrier shall not be left exposed for longer than **30-days** after installation.

VersaShield® Fire-Resistant Roof Deck Protection, Ruberoid® Mop Granule and Ruberoid® Mop Granule FR shall not be left exposed for longer than **180-days** after installation.

5.8 **Tile Slippage Limitations (TAS 103 per FRSA/TRI April 2012 (04-12)):**

When loading roof tiles on the underlayment in direct-deck tile assemblies, the maximum roof slope shall be as follows. These slope limitations can only be exceeded by using battens during loading of the roof tiles.

TABLE 2: TILE SLIPPAGE LIMITATIONS FOR DIRECT-DECK TILE INSTALLATIONS			
Underlayment	Tile Profile	Staging Method	Maximum Slope
Ruberoid® Mop Granule	Flat	Max. 10-tile stack	4:12
	Flat	Max. 6-tile stack (4 over 2)	5:12
	Lugged	Max. 10-tile stack	5:12
Ruberoid® Mop Granule FR	Flat or Lugged	Max. 6-tile stack (4 over 2)	5:12
	Lugged	Max. 10-tile stack	4:12

**6. INSTALLATION:**

- 6.1 **GAF Roof Underlayments** shall be installed in accordance with **GAF** published installation instructions subject to the Limitations set forth in Section 5 herein and the specifics noted below.
- 6.2 Re-fasten any loose decking panels, and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application, and prime the substrate (if applicable).
- 6.3 Install self-adhering underlayments when ambient temperatures are minimum 45°F and rising.
- 6.4 All metal surfaces shall be primed with **Matrix™ 307 Premium Asphalt Primer** or alternate **GAF** accepted **ASTM D41** primer prior to application of self-adhering membranes.

**6.5 VersaShield® Fire-Resistant Roof Deck Protection:**

- 6.5.1 Shall be installed in compliance with the codified requirements for **ASTM D6757** underlayment in **FBC Table 1507.1.1** for the type of prepared roof covering to be installed. No hammer tacks or staples are permitted.
- 6.5.2 Optional, or if required by the Authority Having Jurisdiction: Install a leak barrier of **Liberty™ SBS Self-Adhering Base/Ply Sheet; StormGuard® Film Surfaced Leak Barrier; UnderRoof™ HT High Temperature Leak Barrier; WeatherWatch® Mineral Surfaced or WeatherWatch® XT Mat Surfaced Leak Barrier** at vulnerable leak areas, including but not limited to eaves, valleys, rakes, skylights and dormers. At eaves and valleys, install the leak barrier prior to installation of the underlayment. Along the rake, install the underlayment, leaving 6 to 8-inch of the deck exposed, and then install the leak barrier over the underlayment and exposed decking. At other areas, install the leak barrier over the underlayment.

**6.6 Liberty™ SBS Self-Adhering Base/Ply Sheet:**

- 6.6.1 Shall be installed in compliance with the codified requirements for **ASTM D1970** underlayment in **FBC Table 1507.1.1** for the type of prepared roof covering to be installed.
- 6.6.2 The minimum and maximum roof slopes are ½:12 and 6:12, respectively. Back-nailing is required when slope is 1:12 or greater. Back-nailing shall consist of minimum 1-inch square or round cap nails spaced 18" o.c. within 3-inch side laps.
- 6.6.3 Non-Tile Applications:  
 Shall be fully self-adhered to the substrates noted in **Section 5.6**. For direct-bond to deck applications plywood shall be primed with **Matrix™ 307 Premium Asphalt Primer** or alternate **GAF** accepted **ASTM D41** primer at ½ to ¾ gallon per square.  
 Prior to removal of release film, align sheets properly starting at the low-point of the roof (eave) with the selvage edge upslope and for minimum 2-inch overhang at eaves and rakes. Roll out sheet and allow to 'relax' for min. 30 minutes. Remove the lower piece of release film and bond to substrate and fold the overhanging 2-inch over the eave and nail into place 12" o.c. Remove the top piece of release film and bond to substrate. Install primed drip edge and fasten to meet **FBC Chapter 16** wind load requirements. Install 1/8-inch troweling of **Matrix™ 201 Premium SBS Flashing Cement** over drip edge.  
 Continue upslope in a similar manner, maintaining minimum 3-inch side-laps and minimum 6-inch end-laps. Ensure all end laps are staggered at least 18-inch apart.  
 Use a weighted lawn or linoleum roller to ensure complete adhesion to the substrate. Use a hand roller to firmly bond side and end laps.

**6.7 StormGuard® Film Surfaced Leak Barrier:**

- 6.7.1 Shall be installed in compliance with the codified requirements for **ASTM D1970** underlayment in **FBC Table 1507.1.1** for the type of prepared roof covering to be installed.
- 6.7.2 Back-nailing is required. Back-nailing shall consist of minimum 1-inch square or round cap nails spaced 18" o.c. within 3-inch side laps.
- 6.7.3 Non-Tile Applications:  
 Shall be fully self-adhered to the substrates noted in **Section 5.6**. Prior to removal of release film, align sheets properly starting at the low-point of the roof (eave) with the selvage edge upslope and for minimum 2-inch overhang at eaves and rakes. Remove the lower piece of release film and bond to substrate and fold the overhanging 2-inch over the eave and nail into place 12" o.c. Remove the top piece of release film and bond to substrate. Install primed drip edge and fasten to meet **FBC Chapter 16** wind load requirements. Install 1/8-inch troweling of **Matrix™ 201 Premium SBS Flashing Cement** over drip edge.  
  
 Continue upslope in a similar manner, maintaining minimum 3-inch side-laps and minimum 6-inch end-laps. Ensure all end laps are staggered at least 18-inch apart.  
  
 Use a hand roller to firmly bond side and end laps.

**6.8 UnderRoof™ HT High Temperature Leak Barrier:**

- 6.8.1 Shall be installed in compliance with the codified requirements for **ASTM D1970** underlayment in **FBC Table 1507.1.1** for the type of prepared roof covering to be installed.
- 6.8.2 The minimum and maximum roof slopes are 1:12 and 12:12, respectively. Back-nailing is required when slope is 4:12 or greater. Back-nailing shall consist of minimum 1-inch square or round cap nails spaced 12" o.c. within 4-inch side laps.
- 6.8.3 Non-Tile Applications:  
 Shall be fully self-adhered to the substrates noted in **Section 5.6**. Prior to removal of release film, align sheets properly starting at the low-point of the roof (eave) with the selvage edge upslope and for minimum 2-inch overhang at eaves and rakes. Remove the lower piece of release film and bond to substrate and fold the overhanging 2-inch over the eave and nail into place 12" o.c. Remove the top piece of release film and bond to substrate. Install primed drip edge and fasten to meet **FBC Chapter 16** wind load requirements. Install 1/8-inch troweling of **TopCoat® FlexSeal™ Caulk Grade** over drip edge.  
  
 Continue upslope in a similar manner, maintaining minimum 4-inch side-laps and minimum 6-inch end-laps. Ensure all end laps are staggered at least 3-feet apart.  
  
 Use a hand roller to firmly bond side and end laps.

**6.9 WeatherWatch® Mineral Surfaced Leak Barrier or WeatherWatch® XT Mat Surfaced Leak Barrier:**

- 6.9.1 Shall be installed in compliance with the codified requirements for **ASTM D1970** underlayment in **FBC Table 1507.1.1** for the type of prepared roof covering to be installed.
- 6.9.2 **WeatherWatch® Mineral Surfaced Leak Barrier** may be installed as a secondary water barrier using minimum 4-inch wide rolls to seal plywood deck joints prior to installation of the primary underlayment system.
- 6.9.3 Back-nailing is required. Back-nailing shall consist of minimum 1-inch square or round cap nails spaced 18" o.c. within 4-inch side laps.
- 6.9.4 **Non-Tile Applications:**  
 Shall be fully self-adhered to the substrates noted in **Section 5.6**. Prior to removal of release film, align sheets properly starting at the low-point of the roof (eave) with the selvage edge upslope and for minimum 2-inch overhang at eaves and rakes. Remove the lower piece of release film and bond to substrate and fold the overhanging 2-inch over the eave and nail into place 12" o.c. Remove the top piece of release film and bond to substrate. Install primed drip edge and fasten to meet **FBC Chapter 16** wind load requirements. Install 1/8-inch troweling of **Matrix™ 201 Premium SBS Flashing Cement** over drip edge.  
 Continue upslope in a similar manner, maintaining minimum 3-inch side-laps and minimum 6-inch end-laps. Ensure all end laps are staggered at least 18-feet apart.  
 Use a hand roller to firmly bond side and end laps.

**6.10 Ruberoid® Mop Granule; Ruberoid® Mop Granule FR:**

- 6.10.1 **Ruberoid® Mop Granule** or **Ruberoid® Mop Granule FR** shall be installed in compliance with current **GAF** published installation requirements.
- 6.10.2 For use in tile applications, **Ruberoid® Mop Granule** or **Ruberoid® Mop Granule FR** are for use as an alternate to "Mineral Surface Roll Roofing" (ASTM D6380, Class M) in the "Single Ply System" from **FRSA/TRI April 2012 (04-12)** beneath mechanically fastened tile roof systems or the Hot Asphalt applied "Cap Sheet" in the "Two Ply System" from **FRSA/TRI April 2012 (04-12)** beneath mechanically fastened or adhered tile roof systems.
- 6.10.3 Fully adhere in **ASTM D312**, Type IV hot-asphalt to the substrates noted in **Section 5.6**. Side laps shall be minimum 4-inch and end-laps minimum 6-inch wide, and offset end-laps minimum 3-feet from course to course. Side and end-laps shall be fully adhered in a complete mopping of hot asphalt with asphalt extending approximately 3/8-inch beyond the lap edge.
- 6.10.4 Consult **GAF** instructions regarding back-nailing requirements.

**6.11 Tile Staging (Ruberoid® Mop Granule; Ruberoid® Mop Granule FR):**

- 6.11.1 Tile shall be loaded and staged in a manner that prevents tile slippage and/or damage to the underlayment. Refer to **Table 2** herein, and **GAF** published requirements for tile staging.
- 6.11.2 Battens and/or Counter-battens, as required by the tile manufacturer and **FRSA/TRI April 2012 (04-12)** must be used on all roof slopes greater than 7:12. Precautions should be taken as needed, such as the use of battens or nail-boards, to prevent tile sliding and/or damage to the underlayment during the loading process.

**7. BUILDING PERMIT REQUIREMENTS:**

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

**8. MANUFACTURING PLANTS:**

Contact the noted QA agency for information on product locations covered for **F.A.C. 61G20-3** QA requirements. The following plants have qualified products under their respective physical properties specifications.

<b>Plant</b>	<b>Specification</b>	<b>Product(s)</b>
Conover, NC	ASTM D6757	VersaShield® Fire-Resistant Roof Deck Protection
Mt. Vernon, IN	ASTM D1970	Liberty™ SBS Self-Adhering Base/Ply Sheet; StormGuard® Film Surfaced Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier
North Branch, NJ	ASTM D1970	UnderRoof™ HT High Temperature Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier; WeatherWatch® XT Mat Surfaced Leak Barrier
Savannah, GA	ASTM D1970	StormGuard® Film Surfaced Leak Barrier; WeatherWatch® Mineral Surfaced Leak Barrier
	ASTM D6164	Ruberoid® Mop Granule; Ruberoid® Mop Granule FR

**9. QUALITY ASSURANCE ENTITY:**

UL, LLC. – QUA9625; (847) 664-3281

**- END OF EVALUATION REPORT -**



**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-0783**

**(850) 487-1395**

**CARPENTER, KEVIN W  
CARPENTER'S COOLING LLC  
4625 LONGWORTH DR  
ORLANDO FL 32812**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto [www.myfloridalicense.com](http://www.myfloridalicense.com). There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD**

<b>LICENSE NUMBER</b>	
CAC1818573	

The CLASS B AIR CONDITIONING CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489 FS.  
Expiration date: AUG 31, 2018



**CARPENTER, KEVIN W  
CARPENTER'S COOLING LLC  
4625 LONGWORTH DR  
ORLANDO FL 32812**



ISSUED: 09/01/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1609010001775



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/28/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b>		<b>CONTACT NAME:</b> MARVEL QUEVEDO	
MARVEL QUEVEDO INSURANCE, LLC		<b>PHONE (A/C, No, Ext):</b> 407-737-7778	<b>FAX (A/C, No):</b> 407-737-7779
5062 SOUTH CONWAY ROAD		<b>E-MAIL:</b> marvel.Q@allstate.com	
ORLANDO, FL 32812		<b>INSURER(S) AFFORDING COVERAGE</b>	<b>NAIC #</b>
<b>INSURED</b>		<b>INSURER A:</b> SCOTTSDALE INSURANCE CO	41297
CARPENTER'S COOLING LLC - c/o KEVIN CARPENTER		<b>INSURER B:</b>	
3506 RAEFORD RD		<b>INSURER C:</b>	
ORLANDO, FL 32806		<b>INSURER D:</b>	
		<b>INSURER E:</b>	
		<b>INSURER F:</b>	

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY		CPS2911550	10/28/2017	10/28/2018	EACH OCCURRENCE \$ 500,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
	CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					MED EXP (Any one person) \$ 5,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					PERSONAL & ADV INJURY \$ 500,000
	<input checked="" type="checkbox"/> POLICY	<input type="checkbox"/> PRO-JECT	<input type="checkbox"/> LOC			GENERAL AGGREGATE \$ 1,000,000
	AUTOMOBILE LIABILITY					PRODUCTS - COMP/OP AGG \$ 500,000
	ANY AUTO					COMBINED SINGLE LIMIT (Ea accident) \$
	ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS				BODILY INJURY (Per person) \$
	HIRED AUTOS	<input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per accident) \$
	UMBRELLA LIAB	<input type="checkbox"/> OCCUR				PROPERTY DAMAGE (Per accident) \$
	EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE				\$
	DED	RETENTION \$				\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					WC STATUTORY LIMITS OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> A				E L EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below					E L DISEASE - EA EMPLOYEE \$
						E L DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)


HVAC WORK

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
City of Belle Isle 1600 Nela Avenue Belle Isle, FL 32809	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  <i>Marvel Quevedo</i>

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PLEASE CUT OUT CARD BELOW AND RETAIN FOR FUTURE REFERENCE

<p><b>STATE OF FLORIDA</b> <b>DEPARTMENT OF FINANCIAL SERVICES</b> <b>DIVISION OF WORKERS' COMPENSATION</b> <b>CONSTRUCTION INDUSTRY EXEMPTION</b></p> <p>CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW</p> <p>EFFECTIVE DATE: 3/3/2016      EXPIRATION DATE: 3/3/2018</p> <p>PERSON: CARPENTER      KEVIN</p> <p>FEIN: 811818203</p> <p><b>BUSINESS NAME AND ADDRESS:</b> CARPENTER'S COOLING LLC</p> <p>4625 LONGWORTH DR ORLANDO      FL      32812</p> <p>SCOPES OF BUSINESS OR TRA</p> <p>HEATING, VENTILATION, AIR-COND</p>	 <p><b>F</b> <b>O</b> <b>L</b> <b>D</b> <b>H</b> <b>E</b> <b>R</b> <b>E</b></p> <p><b>IMPORTANT</b></p> <p>Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.</p> <p>Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt.</p> <p>Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.</p>
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**Scott Randolph, Tax Collector      Local Business Tax Receipt      Orange County, Florida**

This local business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

2017      EXPIRES      9/30/2018      5000-1165352  
5000 BUSINESS OFFICE      \$30.00      1      EMPLOYEE      ; 1804      CERT A/C CONTRACTOR      \$30.00      1      EMPLOYEE      ;

TOTAL TAX      \$60.00  
PREVIOUSLY PAID      \$60.00  
TOTAL DUE      \$0.00

CARPENTER KEVIN W

CARPENTERS COOLING LLC  
3506 RAEFORD RD  
ORLANDO FL 32806-5754

4625 LONGWORTH DR (MOBILE)  
U - ORLANDO, 32812

PAID: \$60.00      0098-00784447      7/20/2017

**Scott Randolph, Tax Collector      Local Business Tax Receipt      Orange County, Florida**

This local business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and other lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Delinquent penalty is added October 1.

2017      EXPIRES      9/30/2018      5000-1165352  
5000 BUSINESS OFFICE      \$30.00      1      EMPLOYEE      ; 1804      CERT A/C CONTRACTOR      \$30.00      1      EMPLOYEE      ;

TOTAL TAX      \$60.00  
PREVIOUSLY PAID      \$60.00  
TOTAL DUE      \$0.00



CARPENTER KEVIN W

CARPENTERS COOLING LLC  
3506 RAEFORD RD  
ORLANDO FL 32806-5754

4625 LONGWORTH DR (MOBILE)  
U - ORLANDO, 32812

PAID: \$60.00      0098-00784447      7/20/2017

This receipt is official when validated by the Tax Collector.



STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-0783

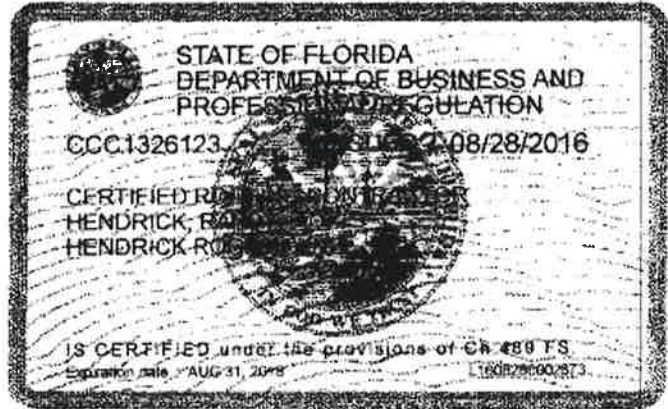
(850) 487-1395

HENDRICK, RANDY  
HENDRICK ROOFING INC  
1956 WOLFORD  
CLEARWATER FL 33760

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto [www.myfloridalicense.com](http://www.myfloridalicense.com). There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently. Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

CCC1326123

The ROOFING CONTRACTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 489, FS  
Expiration date: AUG 31, 2018

HENDRICK, RANDY  
HENDRICK ROOFING INC  
1956 WOLFORD  
CLEARWATER FL 33760



ISSUED: 08/28/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608280002673



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/01/18

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>Bayside Insurance Group, Inc.</b> 870 74th Avenue North St. Petersburg, FL 33702	CONTACT NAME <b>Customer Service</b>	
	PHONE (A/C No. Excl.) <b>727-527-3800</b>	FAX (A/C No.) <b>727-527-3844</b>
	E-MAIL ADDRESS <b>csr@baysideinsure.com</b>	
	INSURER(S) AFFORDING COVERAGE	
INSURED <b>Hendrick Roofing Inc</b> 1956 Wolford Rd. Clearwater, FL 33760 727-531-1025	INSURER A <b>Kinsale Ins. Co.</b>	
	INSURER B <b>AIG</b>	
	INSURER C	
	INSURER D	
	INSURER E	
	INSURER F	

COVERAGES	CERTIFICATE NUMBER	REVISION NUMBER
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THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSUR	TYPE OF INSURANCE	ACEL	ISUR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY						EACH OCCURRENCE \$ 2,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Per occurrence) \$ 100,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
A	Contractual			01000294521	5/27/16	5/27/17	PERSONAL & ADV INJURY \$ 2,000,000
	Employers Liab		X	01000294522	5/27/17	5/27/18	GENERAL AGGREGATE \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER-						PRODUCTS - COMP/OP AGG \$ 2,000,000
	<input checked="" type="checkbox"/> POLICY	<input type="checkbox"/> PRO-JECT	<input type="checkbox"/> LOC				\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Per accident) \$
	ANY AUTO						BODILY INJURY (Per person) \$
	ALL OWNED AUTOS						BODILY INJURY (Per accident) \$
	HIREN AUTOS						PROPERTY DAMAGE (Per accident) \$
	SCHEDULED AUTOS						\$
	NON-OWNED AUTOS						\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB			BE027710949	7/28/17	5/27/18	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> EXCESS LIAB						AGGREGATE \$ 2,000,000
	<input type="checkbox"/> DED						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS LIABILITY						WC STATUTORY LIMITS \$
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?						OTHER \$
	(Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

<b>CERTIFICATE HOLDER</b> City of Belle Isle Building Department 1600 Nela Avenue Belle Isle, Florida 32809 (407) 240-2222	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE <i>Michael J. Smith</i>
--	---

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# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
1/30/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>MICHAEL GEE INC</b> 411 S Pineapple Avenue Sarasota, FL 34236	CONTACT NAME <b>MICHAEL C GEE</b>
	PHONE (A/C No. Exp.) (941) 907-0914      FAX (A/C No.) (941) 907-0916 E-MAIL ADDRESS btron@verizon.net ADDRESS
INSURED <b>HENDRICK ROOFING, INC</b> 1956 WOLFORD ROAD CLEARWATER, FL 33760  (727) 531-1025	INSURER(S) AFFORDING COVERAGE <b>BRIDGEFIELD EMPLOYERS INS CO</b> NAIC # 31267
	INSURER B.
	INSURER C.
	INSURER D.
	INSURER E.
	INSURER F.

COVERAGES      CERTIFICATE NUMBER      REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

NSR LTR	TYPE OF INSURANCE	ACORD (REQ)	COBNT (REQ)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input type="checkbox"/> PROJ. <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Per occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Per accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<b>UMBRELLA LWB</b> <input type="checkbox"/> OCCUR <b>EXCESS LWB</b> <input type="checkbox"/> CLAIMS-MADE DED    RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
<b>A</b>	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below.	Y/N	N/A	830-51220	7/11/17	7/11/18	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> STD-22 E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
**RANDY HENDRICK LICENSE# CCC1326123 IS COVERED UNDER THE WORKERS' COMPENSATION POLICY.**

<b>CITY OF BELLE ISLE</b> <b>BUILDING DEPARTMENT</b> <b>1600 NELA AVENUE</b> <b>BELLE ISLE, FL 32809</b> <b>FX# (407) 240-2222</b>	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE <i>Michael C. Gee</i>
--	---



PINELLAS COUNTY CONSTRUCTION  
LICENSING BOARD

THIS CERTIFIES THAT Randy Hendrick  
DBA Hendrick Roofing Inc

STATE CERT # I-CCCC1326123  
HAS FILED HIS/HER LICENSE AND PROOF OF REQUIRED  
LIABILITY AND WORKERS' COMPENSATION  
INSURANCE WITH THIS BOARD.  
IN GOOD STANDING UNTIL September 30, 2018  
DATE OF ISSUANCE 08/24/2017

\* Please cut out license along lines

**I-CCCC1326123**

*Hendrick, Randy  
1956 Wolford Road  
Clearwater, FL 33760*



# UNIVERSAL ENGINEERING SCIENCES

Consultants In: Geotechnical Engineering • Environmental Sciences  
Geophysical Services • Materials Testing • Threshold Inspection  
Building Code Administration, Compliance Inspection & Plan Review

3532 Maggie Blvd, Orlando, FL 32811 - P: 407.423.0504 - F: 407.423.3106

Work Order No. 107570

## Inspection Report

Project Name: 5238 Oak Island Road ~ COBI  
Address: 5238 Oak Island Road ~ COBI, Belle Isle, Orange County, FL  
Client: City of Belle Isle  
ProjectNo.: 0115.1800128.0000-0115-01

4-17-18  
Date: ~~04/13/2018~~ Any any  
Permit No: 2018-04-004  
Lot No.:  
Contact: Susan Manchester at 407 581 8161

Scope of Inspection: review APP for boat dock ROOF

Inspection Type:

## Disposition of Inspection:

Comments: *Approved*

I hereby affirm that to the best of my knowledge and belief, the above listed inspection was performed as indicated and the work was reviewed for compliance with the approved plans, and all pertinent sections of the Florida Building Code.

Inspector: Dale Baker, BN 3927