City of Belle Isle Job Site Card Roof PERMIT 2018-08-041

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 2018-04-041 — Issue Date 8/17/2018
Site Address: 5408 Parkway Dr 32809 — Parcel Number: 18-23-30-8856-02-030
Class: Residential — Subdivision:
Description of Work: Re-roof 3733 SQFT - Asphalt Shingles plus small flat section

Issued To: WORMLEY ROOFING, INC — Business Phone: 321 303-0766
Name: WORMLEY, ROBERT BRETT — Contractor License: CCC1325558
Payment Date & Method: 8 / 17 / 2018 ☐ Picked up by _____
☐ Visa ☐ Master Card ☑ Amex ☐ Discover ☐ Check / Money Order # 52035

Schedule Inspections via Email at: BIDscheduling@universalengineering.com
SCHEDULE INSPECTIONS BY 3:00 PM 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
NEW ROOFS ONLY Code 700 Deck Nailing, Dry-In, Flashing			
Both new & re-roof Code 710 In - Progress			
Both new & re-roof Code 720 Final			

Inspection requests are to be emailed to BIDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling.
Next-Day Inspection requests must be made by 3:00 p.m.
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

RECEIVED AUG 16 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: _____ **ROOF PERMIT NUMBER** 2018-08-041

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

Project Address 5408 Parkway Dr., Belle Isle, FL ☑ 32809 ☐ 32812

Property Owner Marc Pelletier Phone 3212026552

Property Owner's Mailing Address 5408 Parkway Dr. City Bell Isle

State FL Zip Code 32809 **Parcel Id Number:** 18-23-30-8856-02-030

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 ☑

- **REQUIRED! Florida Product Approval Screen Printout from www.floridabuilding.org showing the Code Version**
- **REQUIRED! Florida Product Approval Installation Instructions from 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: 3733 **Number of Stories:** 2 **Job Valuation: $** 14350

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.

LICENSE HOLDER SIGNATURE _____ LICENSE # CCC1325558

LICENSE HOLDER NAME ROBERT WORMLEY COMPANY NAME WORMLEY ROOFING INC.

Street Address 2473 N JOHN YOUNG PARKWAY

City ORLANDO State FL Zip Code 32804 Phone Number 321-303-0766

Email Address ~~wormleyroofing@aol.com~~ wormleyroofinginc@gmail.com

Building Official: PAID 8-17-18 Check 52035 **Date** _____

Verified Contractor's Licenses & Insurance are on file ✓ Date 8-16-2018

RECORD - LOCAL TAX RECEIPT

Zoning Fee	$ 30.00
Permit Fee	$ 95.00
Review Fee	$ -
3% Florida Surcharge	$ 4.00
Total Permit Fee	$ 129.00

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.

Building Permit Number _____

Permit Number: 2018-08-041
Folio/Parcel ID #: 18-23-30-8856-02-030
Prepared by: Emma Campbell
EMAIL: wormleyroofing@aol.com

Return to: WORMLEY ROOFING
2473 N. JOHN YOUNG PARKWAY
ORLANDO, FL 32804

DOC# 20180488311
08/16/2018 11:30:43 AM Page 1 of 1
Rec Fee: $10.00
Phil Diamond, Comptroller
Orange County, FL
IP - Ret To: WORMLEY ROOFING

NOTICE OF COMMENCEMENT

State of Florida, County of Orange

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. **Description of property** (legal description of the property, and street address if available)
   VENETIAN GARDENS L/25 LOT 3 & SWLY1/2 LOT 2 BLK B
2. **General description of improvement**
   Remove and replace roof.
3. **Owner information or Lessee information if the Lessee contracted for the improvement**
   Name Marc Pelletier
   Address 5408 Parkway Dr., Belle Isle, FL 32809
   Interest in Property OWNER
   Name and address of fee simple titleholder (if different from Owner listed above)
   Name
   Address
4. **Contractor**
   Name ROBERT WORMLEY / WORMLEY ROOFING Telephone Number 321-543-2834
   Address 2473 N. JOHN YOUNG PARKWAY, ORLANDO FL 32804
5. **Surety** (if applicable, a copy of the payment bond is attached)
   Name Telephone Number
   Address Amount of Bond $
6. **Lender**
   Name Telephone Number
   Address
7. **Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.**
   Name Telephone Number
   Address
8. **In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.**
   Name Telephone Number
   Address
9. **Expiration date of notice of commencement** (the expiration date will be 1 year from the date of recording unless a different date is specified)

State of FLORIDA, County of ORANGE
I hereby certify that this is a true copy of the document as reflected in the Official Records
PHIL DIAMOND, COUNTY COMPTROLLER, D.C.
BY: [signature]
DATED: AUG 16 2018

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN 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 COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Marc Pelletier
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager

Owner
Signatory's Title/Office

The foregoing instrument was acknowledged before me this 3 day of 8/18 (month/year) by Marc Pelletier (name of person)

as _____ (Type of authority, e.g., officer, trustee, attorney in fact) for _____ (Name of party on behalf of whom instrument was executed)

E Campbell
Signature of Notary Public – State of Florida

Emma Campbell
Print, type, or stamp commissioned name of Notary Public

Personally Known ✓ OR Produced ID ____
Type of ID Produced _____

Notary Public State of Florida
Emma Victoria Campbell
My Commission GG 184707
Expires 02/11/2022

Form content revised: 01/23/14

CITY OF BELLE ISLE, FLORIDA

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

POWER OF ATTORNEY

Date: 8/3/18 Permit #: 218-08-041

I hereby name and appoint Emma Campbell (print name) of

WORMLEY ROOFING INC. (company name) to be my lawful attorney-in-fact to act for

me and apply to the City of Belle Isle Building Department for a RE-ROOF (type of permit) permit

for work to be performed at the following location:

5408 Parkway Dr. (street address), Belle Isle, FL ☒ 32809 ☐ 32812 and

to sign my name and do all things necessary to this appointment.

Certified Contractor's Printed Name: ROBERT WORMLEY

License Number: CCC1325558

Certified Contractor's Signature: [signature]

The foregoing instrument was acknowledged before me this 3 days of August of 2018

by Robert Wormley who is personally known to me or who produced

_____ as identification and who did not take an oath.

State of Florida
County of Orange

[signature]
Notary Public, Orange County, Florida

Notary Public State of Florida
Emma Victoria Campbell
My Commission GG 184707
Expires 02/11/2022

(seal)

WORMLEY ROOFING, INC.

2473 N. John Young Parkway • Orlando, FL 32804
www.wormleyroofing.com
Office: (321) 303-0766
office@wormleyroofing.com
Professional Contractor•State Lic. CCC1325558•Fully Insured•Over 38 Years Experience

PROPOSAL

INVOICE TO
Marc Pelletier

JOB ADDRESS
Diana Suarez
Arellano Realty & Investment, LLC
5408 Parkway Dr
Belle Isle, Florida 32809

ESTIMATE NO. 1404
DATE 07/12/2018
Proposal good for 30 days.

NO.	DESCRIPTION	AMOUNT
1	New shingle 1st story only and flat roof.	10,665.00
2	Remove existing shingle roof system to wood deck	
3	Remove existing flat roofing system to wood deck.	
4	Inspect decking and re-nail to code.	
5	Any wood deck repair is an additional charge per the foliowing; Plywood deck replacement is $30 per sheet plus cost of materials. Board/Plank deck replacement is $3 per linear foot plus cost of materials.	
6	Provide and install approved underlayment. Underlayment Type:	
7	Provide and install new 26 gauge drip edge. COLOR: White	
8	Provide and install new lead boots, goosenecks and flashing where needed. Color varies depending on shingle color.	
9	Provide and install algae resistant architectural shingles. Brand: Atlas Color: Weathered	
10	Provide and install GAF Cobra 3 shingles over ridge vents.	
11	Provide and install mechanically fasten base sheet (#43 base).	
12	Provide and install modified bitumen according to manufacturer's specifications. COLOR:	
13	Provide and install Starter Strips, and True Hip & Ridge.	
14	Provide and install new 2x2 Self Flashing Plastic Skylight.	
15	Remove and properly dispose of roofing debris from the job site.	
16	50 year limit life time manufactures warranty.	
17	Certainteed will provide a 10 year manufacturer's warranty on flat roof.	
18	Wormley Roofing Inc. will provide a 5 year workmanship warranty.	

PRICING INCLUDES ALL APPLICABLE FEES AND PERMITS.

TOTAL $10,665.00

We look forward to working with you!

All Materials are guaranteed by the manufacturer. All work will be completed according to standard roofing practices and current building codes. Any alteration or deviation from the above specifications, will be only upon written orders and will become a written change – over and above this agreement. Although we will exercise all due cautions, we cannot be responsible for existing cracked driveways or damages due to rain, hail, wind or any acts of God. Any leaks that occur during the agreed workmanship period will be repaired by Wormley Roofing Inc. Any repairs or alterations by others during the workmanship warranty period will void the warranty and Wormley Roofing Inc. will not be hold responsible .

Acceptance of Proposal: THE ABOVE PRICES, SPECIFICATIONS, TERMS AND CONDITIONS OF THIS PROPOSAL ARE SATISFACTORY AND ARE HEREBY ACCEPTED AND IS CONSIDERED A BINDING CONTRACT. WORMLEY ROOFING,INC. IS AUTHORIZED TO DO THE WORK AS SPECIFIED.

A 1/3 DOWN PAYMENT OF PROPOSED AMOUNT IS REQUIRED, TOTAL DUE UPON COMPLETION OF JOB, **PLUS COST OF ANY ADDITIONAL WOODWORK. OWNER ACKNOWLEDGES THAT HE/SHE HAS READ THE ROOFING PROPOSAL AND HAS RECEIVED A LEGIBLE COPY OF THIS AGREEMENT SIGNED BY CONTRACTOR, INCLUDING ALL TERMS AND CONDITIONS HEREIN INCLUDED, BEFORE ANY WORK WAS COMPLETED.

Accepted By:	[signature]	**Date Accepted:**	8/3/18
WRI Approval:	[signature]	**Date Approved:**	8/03/18
Down Payment Amount:	$3,500.00	**Date Received:**	08/03/18

City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Product Approval Form

DATE: 8/3/18 PERMIT # 2018-08-041

PROJECT ADDRESS 5408 Parkway Dr, Belle Isle, FL ☑ 32809 ☐ 32812

As required by Florida Statue 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 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 #
EXTERIOR DOORS			
Swinging			
Sliding			
Sectional/Rollup			
Other			
WINDOWS			
Single/Dbl Hung			
Horizontal Slider			
Casement			
Fixed			
Mullion			
Skylights			
Other			
STRUCTURAL COMPONENTS			
Wood Connectors			
Wood Anchors			
Truss Plates			
Insulation Forms			
Lintels			
Other			

Product Type	Manufacturer	Model/Series	FL Product Approval #
WALL PANELS			
Sliding			
Soffits			
Storefront			
Glass Block			
Other			
ROOFING PRODUCTS			
Asphalt Shingles	Atlas	Pristine	FL 16305-10
Non Struct Metal			
Roofing Tiles			
Single Ply Roof	Certainteed	Modbit	FL 2533-R19
Other	ATLAS	Summit HD	FL 16226-R4
	GAF	Roof Vent	FL 62167-R14
OTHER			

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 _____ **Date** 8/3/18

Product Approval
USER: Public User

FL #	FL16305-R6
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	
Product Manufacturer Address/Phone/Email	Atlas Roofing Corporation 2000 RiverEdge Parkway Suite 800 Atlanta, GA 30328 (770) 946-4571 mcollins@atlasroofing.com
Authorized Signature	Meidrin Collins mcollins@atlasroofing.com
Technical Representative Address/Phone/Email	
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	Zachary R. Priest
Florida License	PE-74021
Quality Assurance Entity	UL LLC
Quality Assurance Contract Expiration Date	12/31/2020
Validated By	Locke Bowden Validation Checklist - Hardcopy Received
Certificate of Independence	FL16305_R6_COI_ATL13002.6 2017 FBC Eval Report Shingles final.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM D 3161	2016
ASTM D 3462	2010
ASTM D 7158	2011
TAS 100	1995
TAS 107	1995

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	09/30/2017
Date Validated	10/03/2017
Date Pending FBC Approval	10/04/2017
Date Approved	12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
16305.1	Atlas Shingles	Fiberglass reinforced laminated asphalt shingles
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** N/A **Other:** See evaluation report for limits of use		**Installation Instructions** FL16305_R6_II_ATL13002.6 2017 FBC Eval Report Shingles final.pdf Verified By: Zachary R. Priest 74021 Created by Independent Third Party: Yes **Evaluation Reports** FL16305_R6_AE_ATL13002.6 2017 FBC Eval Report Shingles final.pdf Created by Independent Third Party: Yes

CREEK
TECHNICAL SERVICES, LLC

Certificate of Authorization No. 29824
17520 Edinburgh Dr
Tampa, FL 33647
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE 6TH EDITION (2017)

Issued September 30, 2017

Manufacturer: ATLAS ROOFING CORPORATION
2000 Riveredge Parkway, Suite 800
Atlanta, GA 30328
(770) 612-6267

Manufacturing Plants: Hampton, GA
Meridian, MS
Dangerfield, TX
Ardmore, OK
Franklin, OH

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Asphalt Shingles
Code Sections: 1504.1.1, 1507.2.5, 1507.2.7.1, 1523.6.5.1
Properties: Physical properties, Wind Resistance, Wind Driven Rain

PRODUCT DESCRIPTION

Legend (Ardmore)	ASTM D 3161, Class F fiberglass reinforced, 3-tab asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
GlassMaster® 30 (Ardmore & Hampton)	ASTM D 3161, Class F fiberglass reinforced, 3-tab asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
Tough-Master® 20 (Ardmore & Hampton)	ASTM D 3161, Class F fiberglass reinforced, 3-tab asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
Pro-Cut® Hip & Ridge (Ardmore & Hampton)	ASTM D 3161, Class F fiberglass reinforced, hip and ridge asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
Pro-Cut® Starter Strip (Hampton)	ASTM D 3161, Class F fiberglass reinforced, starter asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
ProLAM™ Architectural (Hampton, Franklin & Meridian)	ASTM D 3161, Class F & ASTM D 7158, Class H fiberglass reinforced, laminated architectural asphalt shingle with a dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.
Pinnacle® Pristine, Pinnacle® Pristine Lifetime w/Scotchgard (Dangerfield, Hampton, Franklin & Meridian)	ASTM D 3161, Class F & ASTM D 7158, Class H fiberglass reinforced, laminated architectural asphalt shingle with two, dashed, thermally-activated, self-sealing sealant stripes that complies with ASTM D 3462.
StormMaster® Shake (Dangerfield)	ASTM D 3161, Class F & ASTM D 7158, Class H fiberglass reinforced, laminated architectural modified asphalt shingle with two, dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.

StormMaster® Slate (Ardmore)

ASTM D 3161, Class F & ASTM D 7158, Class H fiberglass reinforced, laminated architectural modified asphalt shingle with two, dashed, thermally-activated, self-sealing sealant stripe that complies with ASTM D 3462.

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	ATL-079-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-083-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-086-02-01 Rev 1	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-104-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-106-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-106-02-01 Rev 1	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-107-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-107-02-01.1	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-109-02-01	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-116-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-118-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-119-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-123-02-01	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-125-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-127-02-01 Rev 1	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-132-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-133-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-135-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-136-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-137-02-01 Rev 1	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-138-02-01 Rev 1	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-143-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-144-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-151-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-162-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-167-02-01	ASTM D 3161	2016
PRI Construction Materials Technologies (TST5878)	ATL-168-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-169-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-170-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-171-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-172-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-174-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-179-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-184-02-01	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-185-02-01	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-186-02-01	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-187-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-220-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-220-02-02	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-220-02-03	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-220-02-04	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-221-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-221-02-02	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-221-02-03	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-221-02-04	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-222-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-222-02-02	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-222-02-03	ASTM D 3161	2016

Entity	Report No.	Standard	Year
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-222-02-04	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-223-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-223-02-02	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-223-02-03	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-223-02-04	ASTM D 7158	2011
PRI Construction Materials Technologies (TST5878)	ATL-224-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-225-02-01	ASTM D 3462	2010A
PRI Construction Materials Technologies (TST5878)	ATL-225-02-02	TAS 100	1995
PRI Construction Materials Technologies (TST5878)	ATL-225-02-03	ASTM D 3161	2016
		TAS 107	1995
PRI Construction Materials Technologies (TST5878)	ATL-225-02-04	ASTM D 7158	2011

INSTALLATION

Legend

Basic Wind Speed (V_{ult}):	Max. 194 mph
Basic Wind Speed (V_{asd}):	Max. 150 mph
Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
Underlayment:	In accordance with FBC requirements.
Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
Installation (HVHZ):	Installed with 5-inch exposure in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached using "6 Nail Pattern" detailed below.
Installation (Non-HVHZ):	Installed with 5-inch exposure in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached using either "4 Nail Pattern" or "6 Nail Pattern" detailed below.

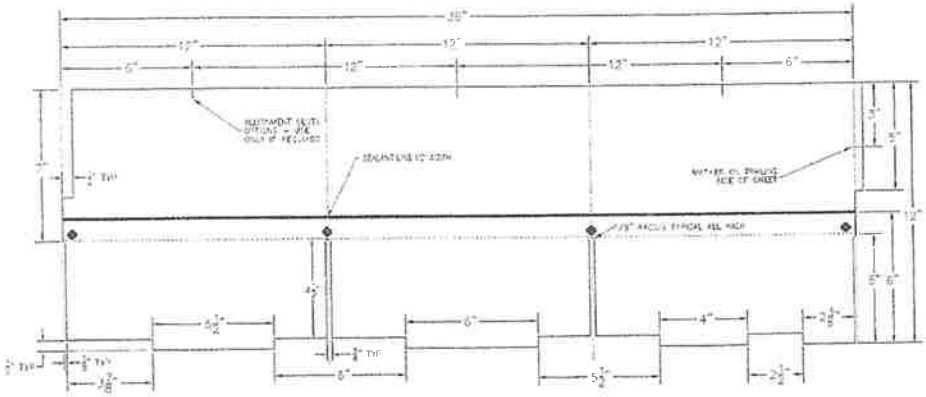


Figure 1. Legend 4 Nail Pattern (Non-HVHZ only)

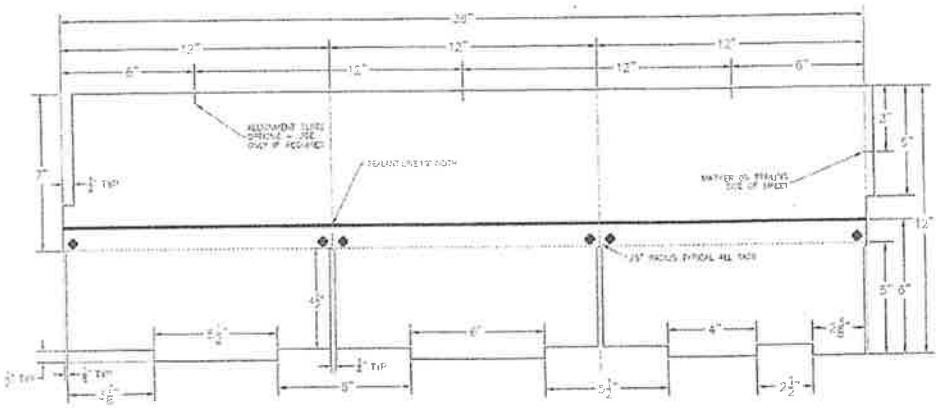


Figure 2. Legend 6 Nail Pattern

GlassMaster® 30 & Tough-Master® 20	Basic Wind Speed (V_{ult}):	Max. 194 mph
	Basic Wind Speed (V_{asd}):	Max. 150 mph
	Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
	Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
	Underlayment:	In accordance with FBC requirements.
	Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
	Installation (HVHZ):	Installed with 5-inch exposure in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached using "6 Nail Pattern" detailed below.
	Installation (Non-HVHZ):	Installed with 5-Inch exposure in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached using either "4 Nail Pattern" or "6 Nail Pattern" detailed below.

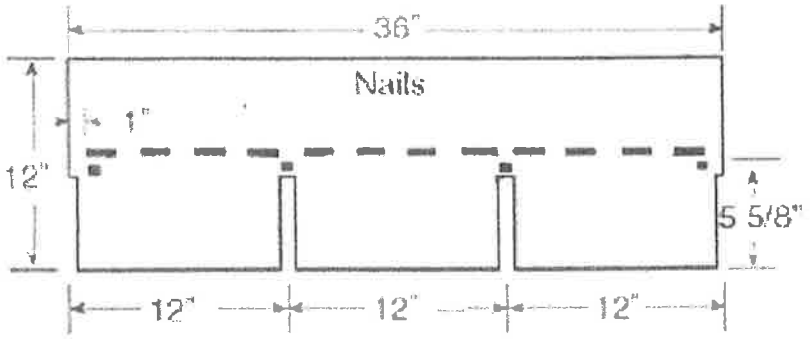


Figure 3. GlassMaster® 30 & Tough-Master® 20 4 Nail Pattern (Non-HVHZ only)

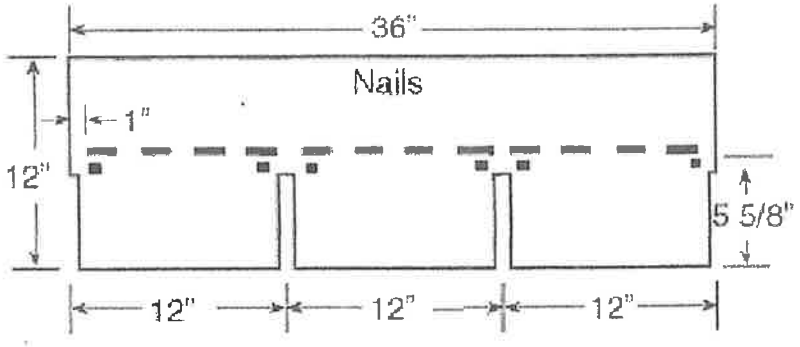


Figure 4. GlassMaster® 30 & Tough-Master® 20 6 Nail Pattern

ProLAM™ Architectural	Basic Wind Speed (V_{ult}):	Max. 194 mph
	Basic Wind Speed (V_{asd}):	Max. 150 mph
	Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
	Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
	Underlayment:	In accordance with FBC requirements.
	Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
	Installation (HVHZ):	Installed with 6 in. exposure in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached using "6 Nail Pattern" detailed below.
	Installation (Non-HVHZ):	Installed with 6 in. exposure in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached using either "4 Nail Pattern" or "6 Nail Pattern" detailed below.

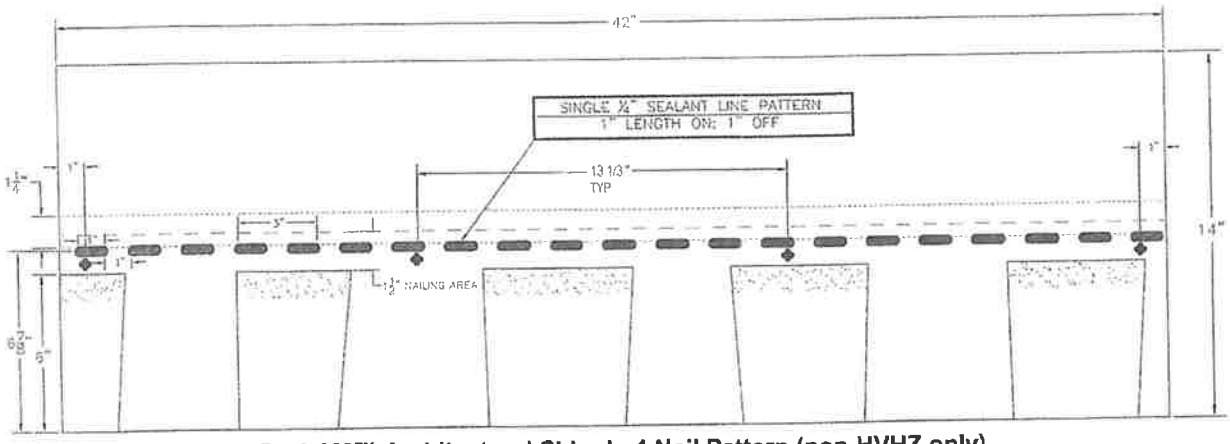


Figure 5. ProLAM™ Architectural Shingle 4 Nail Pattern (non-HVHZ only)

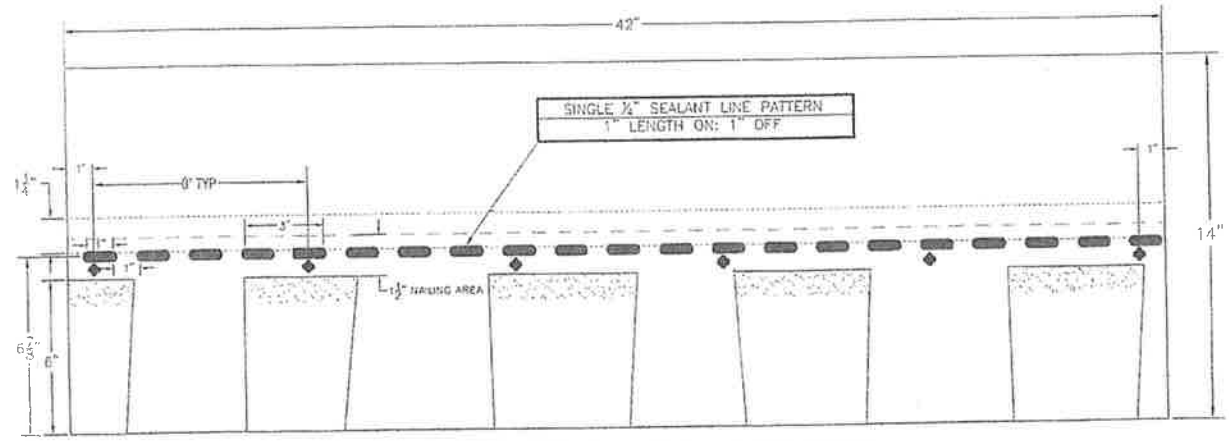


Figure 6. Pro-LAM™ Architectural Shingle 6 Nail Pattern

Pinnacle® Pristine & StormMaster® Shake	Basic Wind Speed (V_{ult}):	Max. 194 mph
	Basic Wind Speed (V_{asd}):	Max. 150 mph
	Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
	Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
	Underlayment:	In accordance with FBC requirements.
	Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
	Installation (HVHZ):	Installed with 6 in. exposure in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached using "6 Nail Pattern" detailed below.
	Installation (Non-HVHZ):	Installed with 6 in. exposure in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached using either "4 Nail Pattern" or "6 Nail Pattern" detailed below.

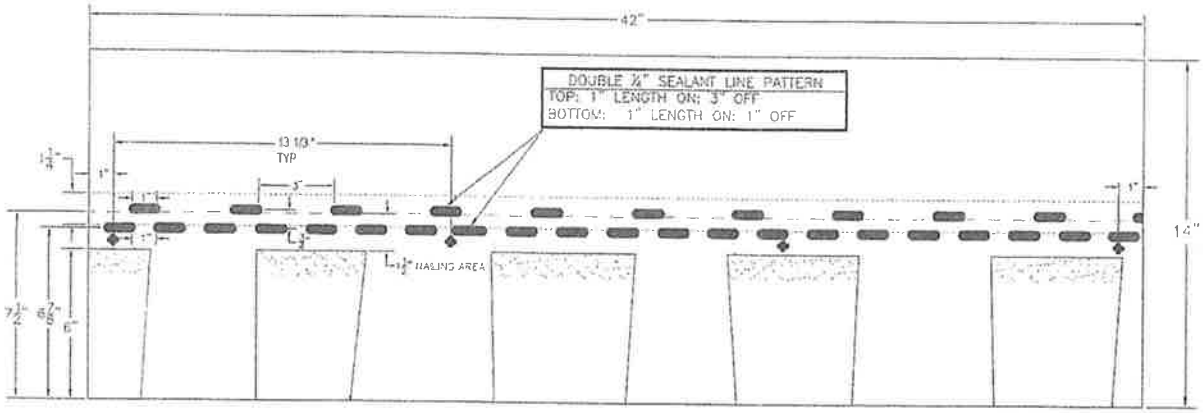


Figure 7. Pinnacle® Pristine and StormMaster® Shake 4 Nail Pattern (Non-HVHZ only)

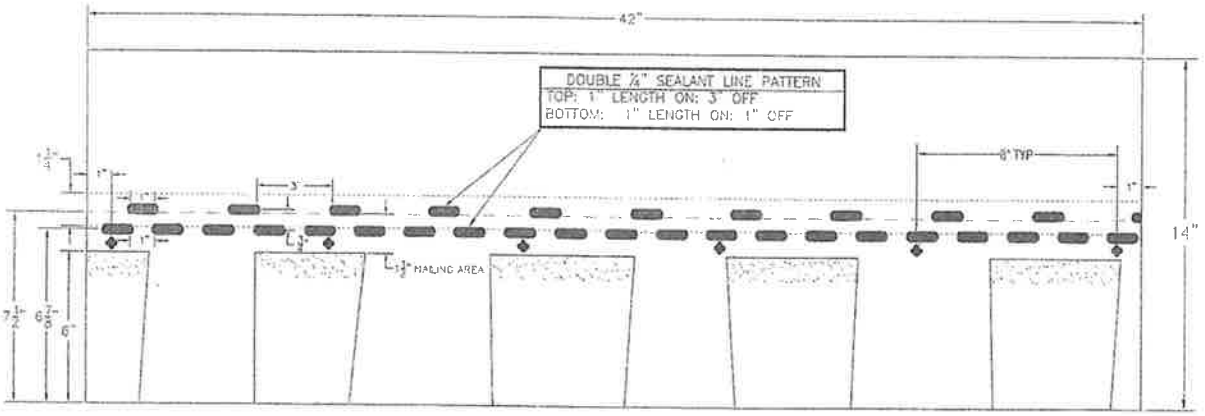


Figure 8. Pinnacle® Pristine and StormMaster® Shake 6 Nail Pattern

StormMaster® Slate

Basic Wind Speed (V_{ult}):	Max. 194 mph
Basic Wind Speed (V_{asd}):	Max. 150 mph
Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
Underlayment:	In accordance with FBC requirements.
Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
Installation (HVHZ):	Installed with 8.5 in. exposure in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached using "6 Nail Pattern" detailed below.
Installation (Non-HVHZ):	Installed with 8.5 in. exposure in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached using either "4 Nail Pattern" or "6 Nail Pattern" detailed below.

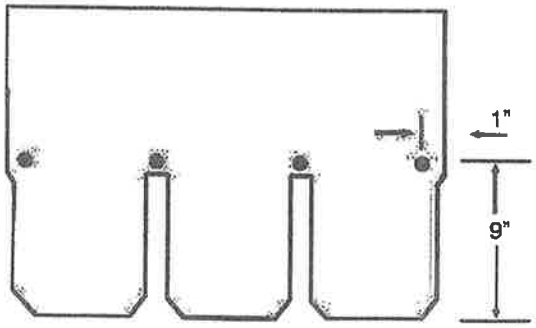


Figure 9. StormMaster® Slate 4 Nail Pattern

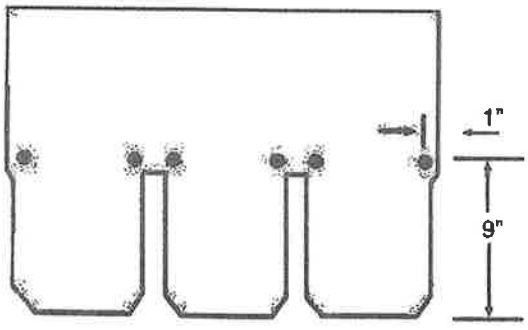


Figure 10. StormMaster® Slate 6 Nail Pattern

Pro-Cut® Starter Strip	Basic Wind Speed (V_{ult}):	Max. 194 mph
	Basic Wind Speed (V_{asd}):	Max. 150 mph
	Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
	Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
	Underlayment:	In accordance with FBC requirements.
	Min. slope:	2:12 and in accordance with FBC requirements. Contact the Atlas Roofing Corporation when installing at slope greater than 21:12.
	Installation (HVHZ):	Installed in accordance with RAS 115 and manufacturer's published installation instructions. Shingles shall be attached as shown below.
	Installation (Non-HVHZ):	Installed in accordance with FBC requirements and manufacturer's published installation instructions. Shingles shall be attached as shown below.

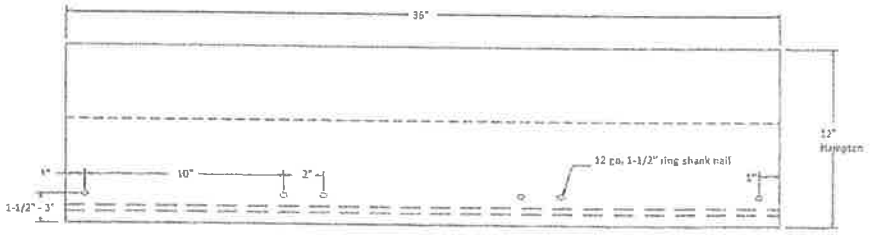


Figure 11. Pro-Cut® Starter Strip

Pro-Cut® Hip & Ridge	Basic Wind Speed (V_{ult}):	Max. 194 mph
	Basic Wind Speed (V_{asd}):	Max. 150 mph
	Deck (HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 19/32 in. plywood or wood plank for new construction; Min. 15/32 in. plywood existing construction.
	Deck (Non-HVHZ):	In accordance with FBC requirements; Solidly sheathed min. 15/32 in. plywood or wood plank for new construction; Min. 7/16 in. OSB existing construction.
	Underlayment:	In accordance with FBC requirements.
	Min. slope:	2:12 and in accordance with FBC requirements.
	Installation (HVHZ and non-HVHZ):	Installed with 5-5/8 inch exposure in accordance with RAS 115 (HVHZ only) and manufacturer's published installation instructions. The direction of the exposed end shall be away from the prevailing wind.

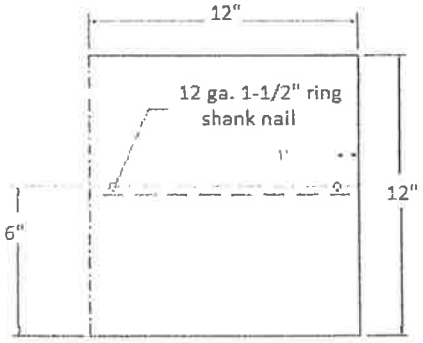


Figure 12. Pro-Cut® Hip & Ridge

LIMITATIONS

1) Fire Classification is not within the scope of this evaluation.
2) The roof deck and the roof deck attachment shall be designed by others to meet the minimum design loads established for components and cladding and in accordance with FBC requirements.
3) The mean roof height shall be restricted to a maximum 33 ft in the HVHZ.
4) Classification to ASTM D 7158 applies to exposure B & C with a building mean roof height of 33-ft or less.
5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
6) Shingles shall be installed starting at the eave in horizontal layers such that the laps shed water from the deck.
7) Installation of the evaluated products shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and code compliant detail shall prevail.
8) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.

ZACHARY R. PRIEST LICENSE No 74021 STATE OF FLORIDA PROFESSIONAL ENGINEER

2017.09.30 12:37:24 -04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

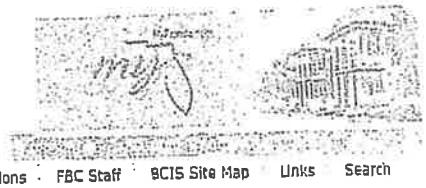
CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT



Product Approval
USER: Public User

FL #	FL16226-R4
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Atlas Roofing Corporation
Address/Phone/Email	2000 RiverEdge Parkway Suite 800 Atlanta, GA 30328 (770) 946-4571 mcollins@atlasroofing.com
Authorized Signature	Meldrin Collins mcollins@atlasroofing.com
Technical Representative	Paul Casseri
Address/Phone/Email	2000 Riveredge Parkway Suite 800 Atlanta, GA 30328 (678) 402-9632 pcasseri@atlasroofing.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 Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Zachary R. Priest
Florida License	PE-74021
Quality Assurance Entity	UL LLC
Quality Assurance Contract Expiration Date	12/31/2020
Validated By	Locke Bowden Validation Checklist - Hardcopy Received
Certificate of Independence	FL16226_R4_COI_ATL13001.4 2017 FBC Product Evaluation Report final.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM D 226	2009
ASTM D 6757	2016

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	10/02/2017
Date Validated	10/03/2017
Date Pending FBC Approval	10/09/2017
Date Approved	12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
16226.1	Gorilla Guard EverFelt Spec 30	ASTM D 6757 & ASTM D 226, Type II underlayment
Limits of Use **Approved for use in HVHZ:** Yes **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** N/A **Other:** See evaluation report for limits of use		**Installation Instructions** FL16226_R4_II_ATL13001.4 2017 FBC Product Evaluation Report final.pdf Verified By: Zachary R. Priest 74021 Created by Independent Third Party: Yes **Evaluation Reports** FL16226_R4_AE_ATL13001.4 2017 FBC Product Evaluation Report final.pdf Created by Independent Third Party: Yes

CREEK
TECHNICAL SERVICES, LLC

Certificate of Authorization No. 29824
17520 Edinburgh Dr
Tampa, FL 33647
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE, 6TH EDITION (2017)

Issued October 1, 2017

Manufacturer: Atlas Roofing Corporation
2000 Riveredge Parkway, Suite 800
Atlanta, GA 30328
(770) 612-6267
http://www.atlasroofing.com

Manufacturing Plants: Meridian, MS
Calgary, Alberta Canada
Dadra and Nagra Haveli , India

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Sections: 1507.1.1, 1518.4
Properties: Physical properties

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	ATL-033-02-01	ASTM D 226	2009
PRI Construction Materials Technologies (TST5878)	ATL-101-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		TAS 117(B)	1995
		ASTM D 1781	1998(2012)
PRI Construction Materials Technologies (TST5878)	ATL-134-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		ASTM D 4869	2016
PRI Construction Materials Technologies (TST5878)	ATL-209-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		ASTM D 4869	2016

PRODUCT DESCRIPTION

Gorilla Guard® EverFelt Spec 30

ASTM D 6757 and ASTM D 226, Type II mechanically fastened underlayment made from asphalt-saturated organic felt reinforced with glass fiber for steep slope roof applications. Rolls are a nominal 36-inch wide by 72-ft long. Unless otherwise noted, the following application details shall be followed for New and Existing construction.

APPLICATION INSTRUCTIONS

Deck:	The roof deck shall be constructed of closely fitted, solid sheathing for new or existing construction. New construction in the HVHZ shall be min. 19/32 in. plywood. Sheathing shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.
Attachment (HVHZ):	Underlayment shall be installed with a minimum 4-inch head lap and minimum 6-inch end lap and be fastened as specified in FBC Section 1518.2.
Attachment (Non-HVHZ):	Underlayment shall be attached in accordance with the FBC Table 1507.1.1 and manufacturer's installation instructions
Allowable roof coverings:	Mechanically attached asphalt shingles, metal roof panels and shingles, wood shakes and shingles, and slate shingles. Clay and concrete tiles are allowable when installed with ASTM D 6830, ASTM D 249 organic cap sheet, or other *approved* underlayments in accordance with FBC requirements.

LIMITATIONS

1) Fire Classification is not within the scope of this evaluation.
2) Wind uplift resistance in not within scope of this evaluation.
3) Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
4) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
5) Roof slope limitations shall be in accordance with FBC requirements.
6) The roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be installed in accordance with FBC requirements.
7) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
8) Roof coverings shall not be adhered directly to the underlayment.
9) The underlayment may be used as described in other current FBC product approval documents.
10) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
11) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.

2017.10.01 17:08:37 -04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

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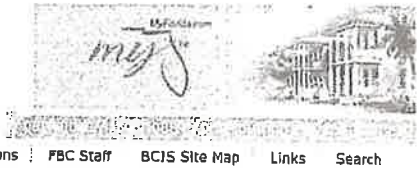
Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT



Product Approval
USER: Public User

FL #	FL2533-R19
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	
Product Manufacturer Address/Phone/Email	CertainTeed Corporation-Roofing 20 Moores Road Malvern, PA 19355 (610) 893-5400 mark.d.harner@saint-gobain.com
Authorized Signature	Mark Harner mark.d.harner@saint-gobain.com
Technical Representative Address/Phone/Email	Mark D. Harner 18 Moores Road Malvern, PA 19355 (610) 651-5847 Mark.D.Harner@saint-gobain.com
Quality Assurance Representative Address/Phone/Email	
Category	Roofing
Subcategory	Modified Bitumen Roof System
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	03/09/2020
Validated By	John W. Knezevich, PE Validation Checklist - Hardcopy Received
Certificate of Independence	FL2533_R19_COI_2017_01_COI_Nieminen.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM D6162	2008
ASTM D6163	2008
ASTM D6164	2011
ASTM D6222	2011
ASTM D6509	2009
FM 4470	2012
FM 4474	2011

Equivalence of Product Standards

Certified By

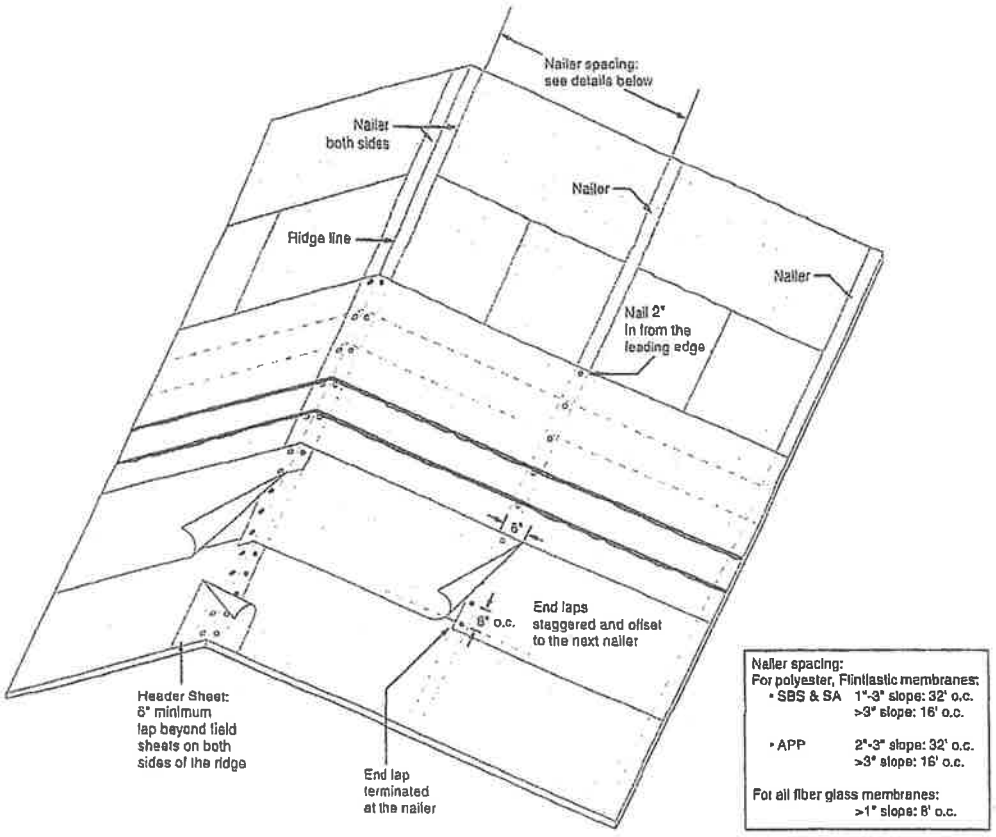
Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	09/14/2017
Date Validated	09/15/2017
Date Pending FBC Approval	09/19/2017
Date Approved	12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
2533.1	Flintlastic Modified Bitumen Roof Systems	Modified Bitumen Roof Systems
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +N/A/-63S **Other:** 1.) Refer to ER Section 5 for Limits of Use. 2.) The design pressure noted in this application relates to one specific system. Refer to the ER Appendix for all systems and max design pressures.		**Installation Instructions** FL2533_R19_II_2017_09_FINAL_A1_ER_CERTAINTEED_MODBIT_FL2533-R19.pdf Verified By: Robert Nieminen, PE PE-59166 Created by Independent Third Party: Yes **Evaluation Reports** FL2533_R19_AE_2017_09_FINAL_ER_CERTAINTEED_MODBIT_FL2533-R19.pdf Created by Independent Third Party: Yes

Back Next

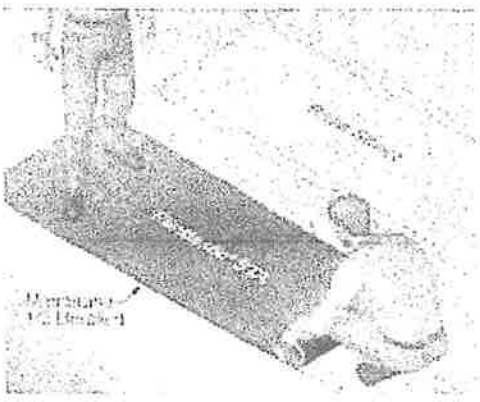


Back Nailing Diagram

Basic Application: Flintlastic APP Modified Bitumen

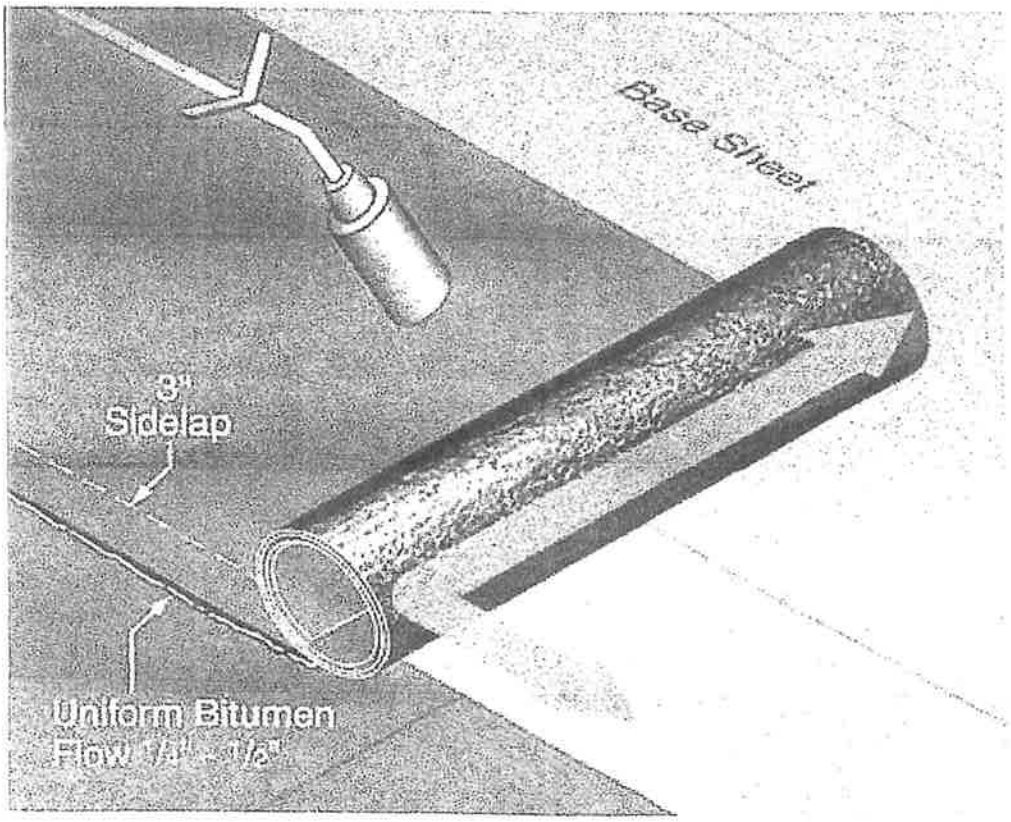
Prepare the substrate as described on page 10. Flintlastic APP modified bitumen must be applied using a professional roofer's torch. Use of hand-held roofing torches is recommended and affords the most control. If multiple burner torching machines are utilized care must be taken to assure uniform heat application and to avoid overheating of the membrane.

Begin membrane application by unrolling the roll and aligning the sidelaps. Re-roll the roll halfway. Standing on the unrolled portion to prevent shifting, begin torching the exposed polyethylene side of the rolled portion. Walk forward as you torch, pushing the heated coil forward and into place with your boot.



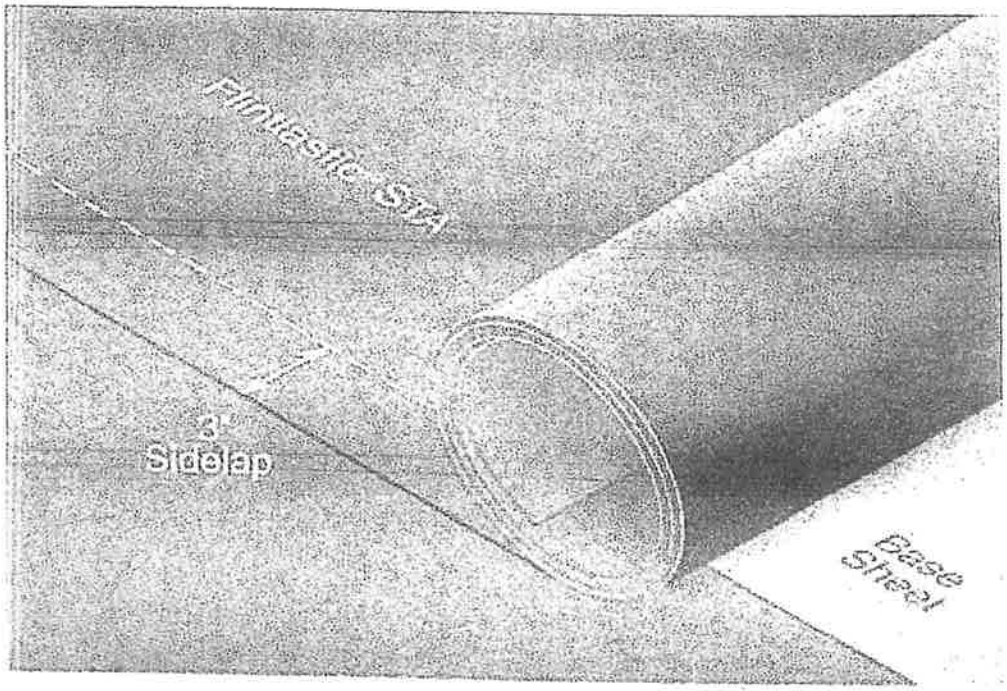
Position and align the roll

Proper torching procedure involves passing the torch flame in an "L" pattern across the coiled portion of the roll and up the sidelap area. As subsequent rolls are installed, heat is applied both to the roll and the exposed laps of the membrane being overlapped onto. As it is heated, the roll becomes shiny and the polyethylene film melts away. Adequate heat is confirmed when a uniform flow of melted bitumen compound flows evenly in a 1/4" –1/2" uniform bead that oozes from the applied membrane's edges. Be sure to heat the entire roll evenly, not just the lap areas, with extra concentration at the laps. Once at the end of the roll, re-roll the untorched half, pulling back to beyond the starting point as much as possible, and repeat the torching procedure.



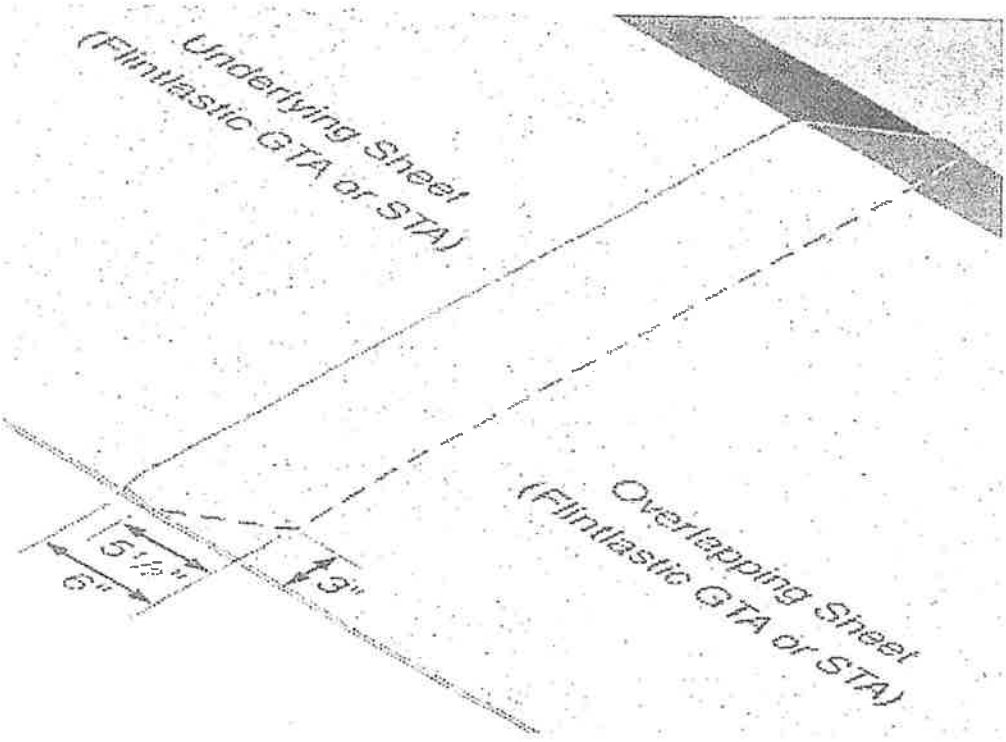
Proper torching, in an "L" pattern, assures uniform 1/4" -1/2" compound and flow at laps and adequate heat across the coil

Trim the lower outside corner of the roll at an angle as shown. Overlap subsequent rolls 3" at sidelaps (or as specified, min. 3") and 6" at endlaps. Sidelap lines are generally indicated for the applicators' convenience.

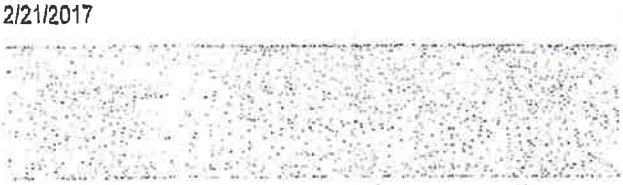


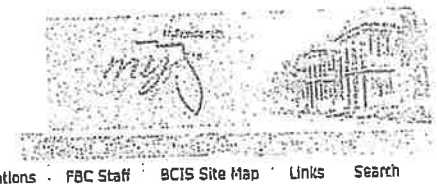
Overlap Flintlastic STA sidelaps a minimum of 3"

Trim the upper outside corner of the subsequent rolls as shown. All trimmed corners will be covered with the subsequent rolls.



Endlap cuts are made at an angle as shown





Product Approval
USER: Public User

FL #	FL16226-R4
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Atlas Roofing Corporation
Address/Phone/Email	2000 RiverEdge Parkway Suite 800 Atlanta, GA 30328 (770) 946-4571 mcollins@atlasroofing.com
Authorized Signature	Meldrin Collins mcollins@atlasroofing.com
Technical Representative	Paul Casseri
Address/Phone/Email	2000 Riveredge Parkway Suite 800 Atlanta, GA 30328 (678) 402-9632 pcasseri@atlasroofing.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 Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Zachary R. Priest
Florida License	PE-74021
Quality Assurance Entity	UL LLC
Quality Assurance Contract Expiration Date	12/31/2020
Validated By	Locke Bowden Validation Checklist - Hardcopy Received
Certificate of Independence	FL16226_R4_COI_ATL13001.4 2017 FBC Product Evaluation Report final.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM D 226	2009
ASTM D 6757	2016

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	10/02/2017
Date Validated	10/03/2017
Date Pending FBC Approval	10/09/2017
Date Approved	12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
16226.1	Gorilla Guard EverFelt Spec 30	ASTM D 6757 & ASTM D 226, Type II underlayment
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use		Installation Instructions FL16226_R4_II_ATL13001.4 2017 FBC Product Evaluation Report final.pdf Verified By: Zachary R. Priest 74021 Created by Independent Third Party: Yes Evaluation Reports FL16226_R4_AE_ATL13001.4 2017 FBC Product Evaluation Report final.pdf Created by Independent Third Party: Yes

CREEK
TECHNICAL SERVICES, LLC

Certificate of Authorization No. 29824
17520 Edinburgh Dr
Tampa, FL 33647
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE, 6TH EDITION (2017)

Issued October 1, 2017

Manufacturer: Atlas Roofing Corporation
2000 Riveredge Parkway, Suite 800
Atlanta, GA 30328
(770) 612-6267
http://www.atlasroofing.com

Manufacturing Plants: Meridian, MS
Calgary, Alberta Canada
Dadra and Nagra Haveli , India

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Sections: 1507.1.1, 1518.4
Properties: Physical properties

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	ATL-033-02-01	ASTM D 226	2009
PRI Construction Materials Technologies (TST5878)	ATL-101-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		TAS 117(B)	1995
		ASTM D 1781	1998(2012)
PRI Construction Materials Technologies (TST5878)	ATL-134-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		ASTM D 4869	2016
PRI Construction Materials Technologies (TST5878)	ATL-209-02-01	ASTM D 6757	2016
		ASTM D 226	2009
		ASTM D 4869	2016

PRODUCT DESCRIPTION

Gorilla Guard® EverFelt Spec 30

ASTM D 6757 and ASTM D 226, Type II mechanically fastened underlayment made from asphalt-saturated organic felt reinforced with glass fiber for steep slope roof applications. Rolls are a nominal 36-inch wide by 72-ft long. Unless otherwise noted, the following application details shall be followed for New and Existing construction.

APPLICATION INSTRUCTIONS

Deck:	The roof deck shall be constructed of closely fitted, solid sheathing for new or existing construction. New construction in the HVHZ shall be min. 19/32 in. plywood. Sheathing shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.
Attachment (HVHZ):	Underlayment shall be installed with a minimum 4-inch head lap and minimum 6-inch end lap and be fastened as specified in FBC Section 1518.2.
Attachment (Non-HVHZ):	Underlayment shall be attached in accordance with the FBC Table 1507.1.1 and manufacturer's installation instructions
Allowable roof coverings:	Mechanically attached asphalt shingles, metal roof panels and shingles, wood shakes and shingles, and slate shingles. Clay and concrete tiles are allowable when installed with ASTM D 6830, ASTM D 249 organic cap sheet, or other *approved* underlayments in accordance with FBC requirements.

LIMITATIONS

1) Fire Classification is not within the scope of this evaluation.
2) Wind uplift resistance in not within scope of this evaluation.
3) Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
4) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
5) Roof slope limitations shall be in accordance with FBC requirements.
6) The roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be installed in accordance with FBC requirements.
7) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
8) Roof coverings shall not be adhered directly to the underlayment.
9) The underlayment may be used as described in other current FBC product approval documents.
10) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
11) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6th Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.

2017.10.01 17:08:37 -04'00'

Zachary R. Priest, P.E.
Florida Registration No. 74021
Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT

Florida dbpr

Product Approval
USER: Public User

OFFICE OF THE SECRETARY

FL #	FL6267-R14
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	
Product Manufacturer Address/Phone/Email	GAF 1 Campus Drive Parisppany, NJ 07054 (800) 766-3411 mstleh@gaf.com
Authorized Signature	Robert Nieminen lindar@nemoetc.com
Technical Representative Address/Phone/Email	William Broussard 1 Campus Drive Parsippany, NJ 07054 (800) 766-3411 TechnicalQuestionsGAF@gaf.com
Quality Assurance Representative Address/Phone/Email	
Category	Roofing
Subcategory	Roofing Accessories that are an Integral Part of the Roofing System
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	03/23/2019
Validated By	John W. Knezevich, PE ✓ Validation Checklist - Hardcopy Received
Certificate of Independence	FL6267_R14_COI_2017_01_COI_Nieminen.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM E330	2002
ASTM G155	2005
TAS 100(A)	1995
TAS 110	2000
TAS 114, Appendix E	1995

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method	Method 1 Option D
Date Submitted	09/25/2017
Date Validated	09/30/2017
Date Pending FBC Approval	10/08/2017
Date Approved	12/12/2017

Summary of Products

FL #	Model, Number or Name	Description
6267.1	GAF Roof Ventilation Products	Low profile roof ridge vents
Limits of Use **Approved for use in HVHZ:** No **Approved for use outside HVHZ:** Yes **Impact Resistant:** N/A **Design Pressure:** +N/A/-215 **Other:** 1.) The noted design pressures applies to one particular vent installation. Refer to Section 5.4 for height limitations and/or Section 5.5 for vent installations and allowable design pressures. 2.) Refer to ER Section 5 for Limits of Use.		**Installation Instructions** FL6267_R14_II_2017_09_FINAL_GAF_Ventilation_FL6267-R14.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes **Evaluation Reports** FL6267_R14_AE_2017_09_FINAL_GAF_Ventilation_FL6267-R14.pdf Created by Independent Third Party: Yes

Back Next

TRINITY | ERD

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 01506.02.06-R14
FL6267-R14
Date of Issuance: 02/28/2006
Revision 14: 09/25/2017

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 **6th Edition (2017) Florida Building Code** sections referenced herein.

DESCRIPTION: GAF Roof Ventilation Products

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 12.

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 09/25/2017. 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: Roofing Accessories that are an Integral Part of the Roofing System
Compliance Statement: GAF Roof Ventilation Products, as produced by **GAF**, have demonstrated compliance with the following sections of the **6th Edition (2017) 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:**

Section	Property	Standard	Year
1504.3	Wind	ASTM E330	2002
1506.5 / 1517.5.1	Corrosion Resistance (of nails)	TAS 114, Appendix E	1995
1523.6.5.2.13	Wind Driven Rain	TAS 100(A)	1995
1523.6.5.2.13.1	Physical Properties	TAS 110	2000
2615.2	Weatherometer	ASTM G155	2005

3. **REFERENCES:**

Entity	Examination	Reference	Date
ATI (TST 1558)	Physical Properties	01-49035.01	03/02/2004
ATI (TST 1558)	Wind Driven Rain	01-44964.01	01/15/2004
ATI (TST 1558)	Wind Driven Rain	60172.01-122-18	10/07/2005
ATI (TST 1558)	Physical Properties	59665.02-106-31	09/16/2005
ATI (TST 1558)	Wind Driven Rain	84608.01-106-18	11/12/2008
ATI (TST 1558)	Wind Driven Rain	A5250.01-109-18	02/18/2011
ATI (TST 1558)	Wind Uplift	87074.01-109-44	12/03/2008
ATI (TST 1558)	Wind Uplift	C2396.01-109-44	11/05/2012
ATI (TST 1558)	Wind Uplift	D1957.01-109-44	03/04/2014
ATI (TST 1558)	Wind Uplift	E0818.01-109-44	09/23/2014
ATI (TST 1558)	Physical Properties	D2702.01-106-18	06/30/2014
ATI (TST 1558)	Wind Uplift	E6744.01-109-44	04/30/2015
ATI (TST 1558)	Wind Driven Rain	G2331.01-109-44	01/10/2017
ATI (TST 1558)	Wind Driven Rain	G4123.01-109-18	01/10/2017
ATI (TST 1558)	Wind Uplift	G4123.02-109-44	01/10/2017
PRI (TST 5878)	Weatherometer	HBP-007-02-01	06/24/2004
PRI (TST 5878)	Physical Properties	HBP-002-02-01	06/06/2001
PRI (TST 5878)	Wind Driven Rain	HBP-01-02-01	11/02/2000
PRI (TST 5878)	Wind Driven Rain	BRY-021-02-01	12/31/2003
PRI (TST 5878)	Physical Properties	BRY-025-02-01	09/17/2004
PRI (TST 5878)	Physical Properties	GAF-138-02-06	02/09/2007
PRI (TST 5878)	Wind Driven Rain	GAF-138-02-04	02/09/2007
PRI (TST 5878)	Wind Driven Rain	GAF-310-02-01	07/07/2011
ETC Labs (TST 2411)	Physical Properties	ETC-01-718-10379.0	01/16/2000
ETC Labs (TST 2411)	Physical Properties	ETC-03-718-14602.0	01/20/2004
ETC Labs (TST 2411)	Physical Properties	ETC-07-718-19959.0	09/27/2007
Miami-Dade (CER 1592)	Various	Various NOAs	Current
Miami-Dade (CER 1592)	Corrosion Resistance (of nails)	Certification L 17-0606.01	06/26/2017
Miami-Dade (CER 1592)	Corrosion Resistance (of nails)	Certification L 17-0821.08	09/25/2017
Miami-Dade (CER 1592)	Corrosion Resistance (of nails)	Certification L 15-0421.09	05/07/2015
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R15072, GA1	03/23/2016
UL, LLC. (QUA 9625)	Quality Control	Inspection Report, R15072, GA2	04/15/2016
UL, LLC. (QUA 9625)	Quality Control	Service Confirmation, R15072, NC	06/08/2017

4. PRODUCT DESCRIPTION:

4.1 **Cobra® Exhaust Vent** is a low-profile attic ridge vent of mesh-construction for use in shingle roof systems. The product measures 10½-inch wide supplied in 20 and 50 ft long rolls, and is supplied with corrosion resistant 1¾-inch coil nails (nail gun version) or 2½-inch Smart Nails™ (hand nail version). **Cobra® Exhaust Vent** has a published net free ventilation area (NFVA) of 14.1 in^2 / lineal foot for nail gun version and 16.9 in^2 / lineal foot for hand nail version.

4.2 **Cobra® Rigid Vent 3™** is a plastic, low-profile attic ridge vent for use in shingle roof systems with 12-inch width ridge caps. The product measures 13-13/16-inch wide supplied in 48-inch long sections, and is supplied with 3-inch corrosion resistant ring shank nails. **Cobra® Rigid Vent 3™** has a published net free ventilation area (NFVA) of 18 in^2 / lineal foot.

4.3 **Cobra® Rigid Vent 3™ - 9"** is a plastic, low-profile attic ridge vent for use in shingle roof systems with 10-inch width ridge caps. The product measures 11½-inch wide supplied in 48-inch long sections, and is supplied with 3-inch corrosion resistant ring shank nails. **Cobra® Rigid Vent 3™ - 9"** has a published net free ventilation area (NFVA) of 18 in^2 / lineal foot.

4.4 **Cobra® Snow Country™** is a plastic, low-profile attic ridge vent with filter for use in shingle roof systems. The product measures 13-13/16-inch wide supplied in 48-inch long sections. **Cobra® Snow Country™** has a published net free ventilation area (NFVA) of 18 in^2 / lineal foot.

4.5 **Cobra® Snow Country Advanced™** is a plastic, low-profile attic ridge vent with filter for use in shingle roof systems with 12-inch width ridge caps. The product measures 13-13/16-inch wide supplied in 48-inch long sections, and is supplied with 3-inch corrosion resistant ring shank nails. **Cobra® Snow Country Advanced™** has a published net free ventilation area (NFVA) of 18 in^2 / lineal foot.

4.6 **Cobra® Snow Country Advanced™ - 9"** is a plastic, low-profile attic ridge vent with filter for use in shingle roof systems with 10-inch width ridge caps. The product measures 11½-inch wide supplied in 48-inch long sections, and is supplied with 3-inch corrosion resistant ring shank nails. **Cobra® Snow Country Advanced™ - 9"** has a published net free ventilation area (NFVA) of 18 in^2 / lineal foot.

4.7 **Cobra® RidgeRunner®** is a polypropylene plastic, low-profile attic ridge vent for use in shingle roof systems. The product measures 11½-inch wide supplied in 20 ft long rolls, and is supplied with corrosion resistant 1¾-inch coil nails. **Cobra® RidgeRunner®** has a published net free ventilation area (NFVA) of 12.5 in^2 / lineal foot.

4.8 **TruSlate® Ridge Vent** is a plastic, low-profile attic ridge vent for use in TruSlate® roof systems. The product measures 11.4-inch wide supplied in 48-inch long sections. **TruSlate® Ridge Vent** has a published net free ventilation area (NFVA) of 20 in^2 / lineal foot.

4.9 **Cobra® Hip Vent** is a plastic, low-profile attic hip vent with filter for use in shingle roof systems. The product, only for use on hips, measures nominal 11.4-inch wide supplied in 48-inch long sections, and is supplied with corrosion resistant 1¾-inch coil nails. **Cobra® Hip Vent** has a published net free ventilation area (NFVA) of 9 in^2 / lineal foot.

4.10 **Cobra® IntakePro™ Rooftop Intake Vent** is constructed from a woven plastic material being pressed to form the molded shape. A woven fabric material is utilized on the top, bottom and front, below the vent channel of the mold. The vent is configured into a roll-out form. **Cobra® IntakePro™ Rooftop Intake Vent** has a published net free ventilation area (NFVA) of 9 in^2 / lineal foot.

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 **Minimum Roof Slopes:**

Product	Minimum Slope
Cobra® Exhaust Vent	2:12
Cobra® Rigid Vent 3™	3:12
Cobra® Rigid Vent 3™ - 9"	3:12
Cobra® Snow Country™	3:12
Cobra® Snow Country Advanced™	3:12
Cobra® Snow Country Advanced™ - 9"	3:12
Cobra® RidgeRunner®	3:12
TruSlate® Ridge Vent	5:12
Cobra® Hip Vent	Min. 3:12 to max. 12:12
Cobra® IntakePro™ Rooftop Intake Vent	4:12

5.4 Unless otherwise determined through use of performance levels in Section 5.5, the maximum mean roof height for **Cobra® Exhaust Vent, Cobra® Rigid Vent 3, Cobra® Rigid Vent 3 – 9", Cobra® Snow Country™, Cobra® Snow Country Advanced™, Cobra® Snow Country Advanced™ – 9", Cobra® RidgeRunner®, TruSlate® Ridge Vent, Cobra® Hip Vent** and **Cobra® IntakePro™ Rooftop Intake Vent** shall be 33 ft.

5.5 **Maximum Allowable Design Pressures:** The following performance levels may be utilized for projects where the maximum mean roof height exceeds 33 ft. The Allowable Design Pressure shall meet or exceed critical design pressure determined by a qualified design professional in accordance with **FBC Chapter 16**. No rational analysis is permitted.

Substrate:	Product	Allowable Design Pressure (psf)
Min. 7/16-inch plywood	Cobra® Exhaust Vent (nail gun version)	-150
Min. 7/16-inch plywood	Cobra® Exhaust Vent (hand nail version)	-180
Min. 7/16-inch plywood	Cobra® Rigid Vent 3™, Rigid Vent 3™ - 9", Snow Country™, Snow Country Advanced™ and Snow Country Advanced™ - 9"	-215
Min. 7/16-inch OSB or plywood	Cobra® RidgeRunner®	-180
Min. 7/16-inch plywood	TruSlate® Ridge Vent	-190
Min. 7/16-inch plywood	Cobra® Hip Vent	-205
Min. 7/16-inch plywood	Cobra® IntakePro™ Rooftop Intake Vent	-175

5.5.1 Allowable 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 **FBC 1609** for determination of design wind loads.

5.6 Installation shall result in minimum net free ventilation area requirements set forth in **FBC Sections 1203.2**. When more than one level of roof ridge existing over a single attic space, use ridge vents only at the high ridge.

6. INSTALLATION:

6.1 **GAF Roof Ventilation Products** shall be installed in accordance with **GAF** published installation requirements subject to the Limitations set forth in Section 5 herein and the specifics noted below.

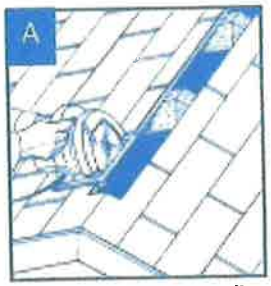
6.2 COBRA® EXHAUST VENT:

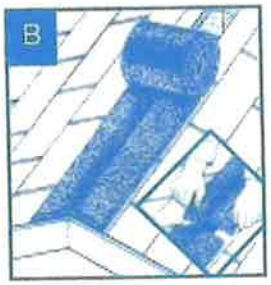
6.2.1 Chalk a cut-line 1-inch off each side of the ridge and cut a slot along the apex of the roof measuring 2-inch (for truss construction) or 3½-inch (for ridge pole construction). The slot should terminate 6-inches from each end and 12-inches from hip intersections or chimneys. Cut only the sheathing; do not cut trusses. Figure A.

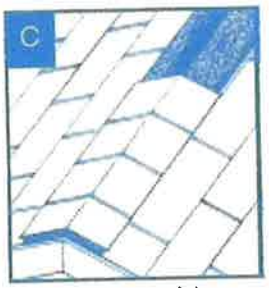
6.2.2 Unroll the vent along the entire length of the ridge, covering uncut 6-inch sheathing area on both ends. Shorter lengths can be joined by caulking and butting the ends. Figure B.

6.2.3 Apply a bead of polyurethane roof sealant to the underside of the entire perimeter of the vent and nail with min. 2½-inch galvanized roofing nails at each corner and 10-inch o.c. Do not use excessive roof cement, as it may result in shingle blistering.

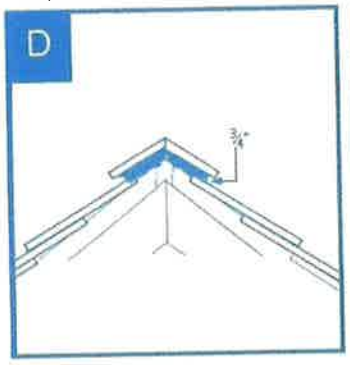
6.2.4 Apply a bead of polyurethane roof sealant in the shape of a "C" to the underside of the entire perimeter of the cap shingles, and install cap shingles directly over the vent using Smart Nails™ or 1¾-inch corrosion resistant coil nails (supplied with the vent). Figure C. Do not use excessive roof cement, as it may result in shingle blistering.



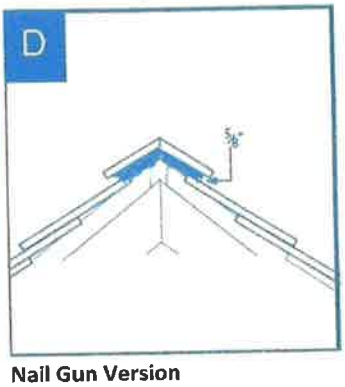




6.2.5 **Cobra® Exhaust Vent (hand nail version)** and **Cobra® Exhaust Vent (nail gun version)** have a ¾-inch or 5/8-inch nominal thickness, respectively, to facilitate ventilation. Care shall be taken not to crush or compact the product during installation. Figure D.



Hand-Nail Version

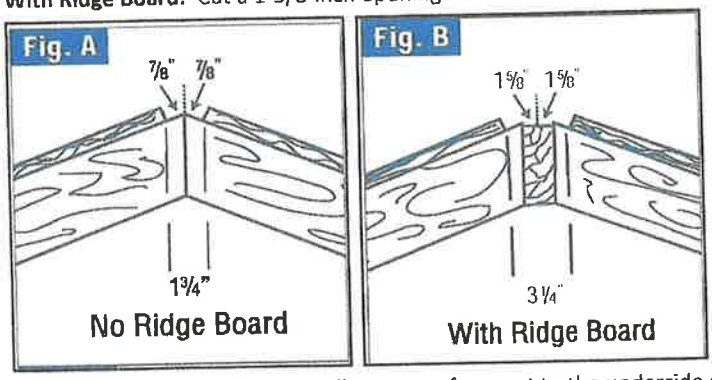


Nail Gun Version

6.3 COBRA® RIGID VENT 3™, RIGID VENT 3™ - 9", SNOW COUNTRY™, SNOW COUNTRY ADVANCED™ AND SNOW COUNTRY ADVANCED™ - 9":

6.3.1 Mark-off and cut the slot opening as follows, ensuring that the ends of the opening stop at least 6-inch from any end walls and at least 12-inch from hip and ridge intersections or chimneys.

- **No Ridge Board:** Cut a 7/8-inch opening on each side of the ridge (Figure A).
- **With Ridge Board:** Cut a 1-5/8-inch opening on each side of the ridge (Figure B).



6.3.2 **Sealant:** Apply a bead of silicone caulking or roof cement to the underside of the outer baffle along both edges and at exposed ends, ensuring the outside edges where the vent meets the shingles are sealed with the caulk or flashing cement.

6.3.3 **Vent Placement:** Starting at one end of the slot, place, center and conform the Cobra® rigid vent over the slot with the vent firmly against the roof surface, ensuring the vent extends past the slot opening by at least 6-inch.

6.3.4 **Fasteners:** For **Cobra® Rigid Vent 3™, Cobra® Rigid Vent 3™ - 9", Cobra® Snow Country Advanced™** and **Cobra® Snow Country Advanced™ - 9"** only, use the 3-inch corrosion resistant ring shank nails (included). For **Cobra® Snow Country™**, use corrosion resistant nails at least 3-inch or longer. Nails must always penetrate through plywood decks or at least ¾-inch into wood planks. NOTE: **GAF** recommends 3-inch corrosion resistant ring shank nails for increased uplift resistance.

6.3.5 **Spacing:** Attach the vent section through the pre-molded nailing holes located at 3, 12, 24, 36 and 45-inch from the start of each 48-inch vent piece.

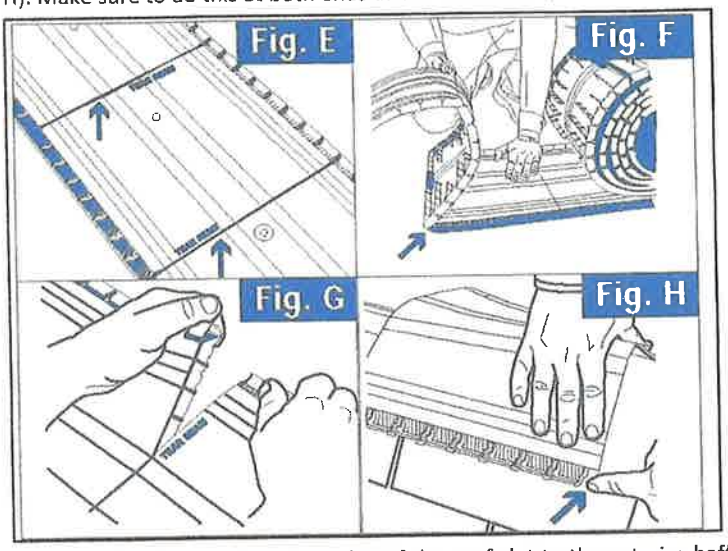
6.3.6 **Joints:** Apply the subsequent Cobra® rigid vent sections over the length of the ridge using the overlap/underlap tabs.

6.3.7 **Ridge Shingles:** Install ridge shingles in accordance with shingle manufacturer's published installation instructions, using corrosion resistant nails detailed in 6.3.4. A nail line is inscribed on top of the Cobra® rigid vent to serve as a guide.

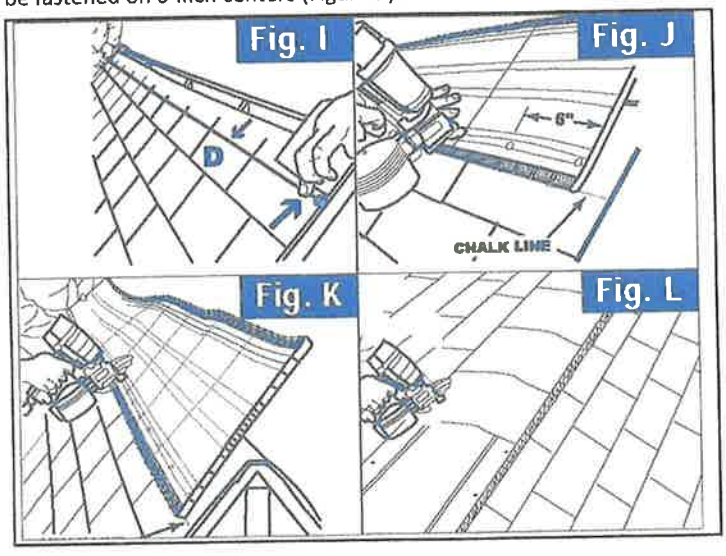
6.4 COBRA® RIDGERUNNER®

6.4.1 Cut slot per 6.3.1.

6.4.2 Tear a 1-foot section to be used as a template for laying the vent out (Figure E-G) and center the template/ locator over the ridge cap shingles at the beginning of the vent slot. Note the location of the baffle (Figure H). Make sure to do this at both ends of the installation.



6.4.3 Measure the distance from the edge of the roof slot to the exterior baffle (D). Establish a chalk line along one side of the ridge (Figure I). Unroll the vent and use the included 1-3/4-inch pneumatic corrosion resistant roofing nails to attach the first side of the ridge vent with the exterior of the baffle aligned with the chalk line (Figure J). Proceed with using the 1' interval EasyTear™ system to custom size the vent to the appropriate length. If the EasyTear™ system can not be utilized, use a utility knife to size the vent. Nail gun targets are embossed on the part as a guide for property attaching vent to the roof. The vent should be fastened on 6-inch centers (Figure K).



6.4.4 **NOTE:** When fastening the vent and cap shingles, be sure that the included 1 3/4-inch corrosion resistant coil nails completely penetrate plywood or provide at least 3/4-inch penetration into wood planks. In the case they do not, you must use alternate corrosion resistant nails that provide the required penetration. Proceed with attaching the other side of the vent. When beginning to nail down the second side, do NOT begin at the end; begin between the first and second one-foot sections and then return to fasten the first one-foot section. This will allow for proper fit.

6.4.5 Install ridge shingles in accordance with shingle manufacturer's published installation instructions, using the nail-lines on top of the ridge vent for proper lapping.

6.5 TRUSLATE® RIDGE VENT:

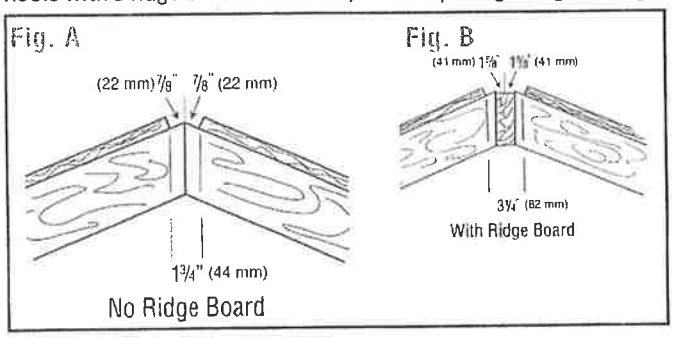
6.5.1 DO NOT use on hips.

6.5.2 Intall **TruSlate® Ridge Vent** before installing the field slates.

6.5.3 After determining the total length of **TruSlate® Ridge Vent** required (for proper ventilation), determine the necessary slot opening. Mark-off and cut the slot opening, ensuring the ends of the opening stop at least 6-inch from any end walls and at least 12-inch from hip and ridge intersections or chimneys.

Roofs without a ridge board: Cut a 7/8-inch opening along the ridge on each side (Figure A).

Roofs with a ridge board: Cut a 1-5/8-inch opening along the ridge on each side (Figure B).

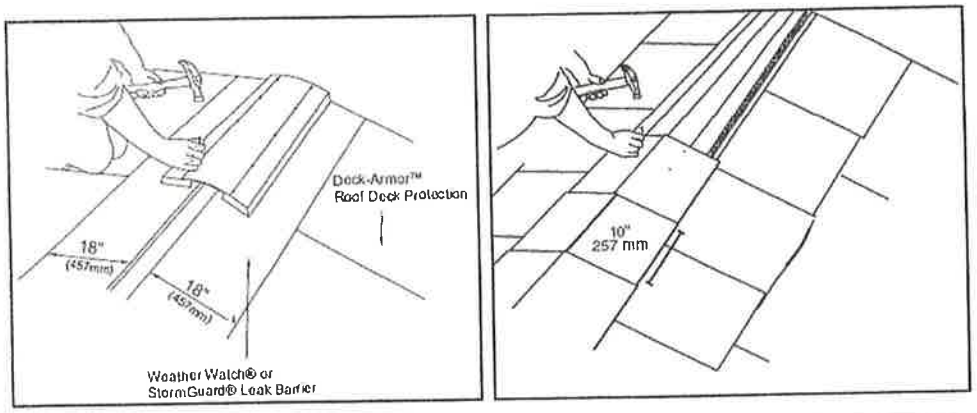


6.5.4 Install an 18-inch wide section of ASTM D1970 self-adhering leak barrier (holding Florida Statewide Product Approval or Approved on a Local Basis) from the edge of the ridge slot extending down towards the roof deck on both side of the slot.

6.5.5 Place the **TruSlate® Ridge Vent** over the ridge slot, "peaked" and centered over the ridge slot, and attach using minimum 3-inch long corrosion resistant ring-shank nails through the pre-molded nail holes on the vent, located 3-inch from the ends and 9-inch o.c. Fasteners shall penetrate through plywood decks or embed minimum ¾-inch into wood plank decks.

6.5.6 Continue over the length of the ridge, utilizing the male/female connectors to connect units. Ensure the finished ends include the pre-molded end caps. Cover all exposed nail heads on the vent with silicone caulk. Intall a bead of exterior grade silicone sealant at the downslope leading edges of the ridge vent, at the junction of the leading edge and the leak-barrier below.

6.5.7 Install the top course of TruSlate® field slates, UnderBlock™ UV & Moisture Barrier and TruSlate® trim slates in accordance with GAF published installation instructions. Intall **TruSlate® trim slates** with 10-inch exposure using minimum **1-5/8-inch long deck screws** through pre-drilled holes, through the ridge vent to engage the wood deck.



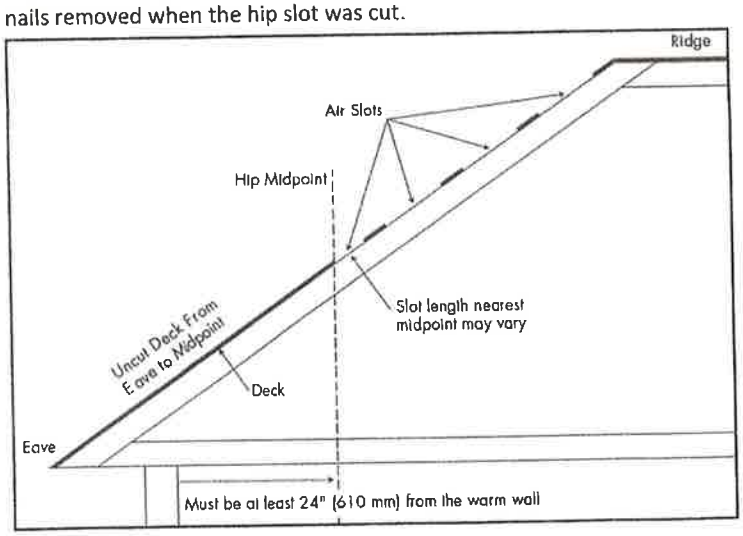
6.6 COBRA® HIP VENT

6.6.1 The roof deck shall consist of minimum of 7/16 inch thick plywood or OSB wood structural panels. Use only on roofs with slopes between 3:12 and 12:12. Install only on hips. Do not install Cobra® Hip Vent on ridges.

6.6.2 **Sequencing:** If ridge ventilation will be installed, always install the ridge vent to the end of the ridge before installing **Cobra® Hip Vent**.

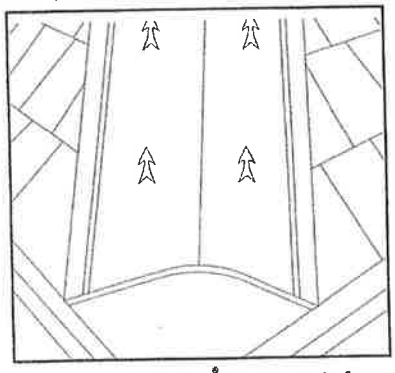
6.6.3 **Hip Air Slot:** Determine the number of **Cobra® Hip Vent** sections needed for proper ventilation and the location for cuts in the roof hip. **Cobra® Hip Vent** is installed over a 2½ inch wide slot opening centered on the hip beginning at 12 inches below the top of the hip and extending 36 inches down the hip for every 4 foot section of **Cobra® Hip Vent** needed. Leave 12 inches of the hip uncut after each 36 inch opening, and the lowest opening must stop at the mid-point of the hip and more than 24 inches in from the exterior warm wall. Wider openings and slots below the midpoint of the hip will not improve ventilation and must be avoided. Cut away the shingles first with a roofing knife, and then cut the deck with a circular saw. The saw should be adjusted so that the rafters or trusses are not cut.

Note: The roof decking must be re-nailed to the rafter at the edge closest to the hip to compensate for the nails removed when the hip slot was cut.



6.6.4 **Sealant:** Seal all cut-edges of the asphalt shingles to the roof sheathing along all sides of the hip air slot openings, using a bead of ASTM C920 polyurethane sealant, to prevent water infiltration.

6.6.5 **Orientation:** Always install **Cobra® Hip Vent** with the "Towards Peak" arrows on the top surface of the vent pointing up towards the peak of the roof.



6.6.6 **Attachment: Cobra® Hip Vent** is fastened to the deck starting at the bottom of the hip and then up along the entire length of the hip (this includes un-cut portions of the hip). Fasten **Cobra® Hip Vent** to the deck with the included 1¾-inch inch long collated galvanized steel roofing nails, or longer corrosion resistant roofing fasteners, to achieve penetration through plywood or OSB decks or minimum 3/4-inch embedment into wood planks. Attach the **Cobra® Hip Vent** section through the pre-marked 6-inch increment nail targets.

6.6.7 **Joints & Terminations:** Apply the subsequent **Cobra® Hip Vent** sections over the length of the hip using the overlap/underlap tabs. For roofs with ridge vents, lengths of the hip vent must be butted tightly to sections of ridge vents and install a 3 inch by 12-inch strip of self-adhering leak barrier over all junctions. For roofs without ridge vents, sections of hip vent from adjacent hip runs must be mitered together tightly where they intersect and install a 3 inch by 12-inch strip of self-adhering leak barrier over all junctions. Refer to GAF published installation instruction for details.

6.6.8 **Ridge Shingles: Cobra® Hip Vent** is then covered with ridge cap shingles and this entire assembly is nailed to the sheathing with the included 1¾-inch inch long collated galvanized steel roofing nails. Depending on the field and ridge cap shingles used, longer length corrosion resistant fasteners may be necessary. The ridge cap shingles are installed per the shingle manufacturer's instructions and Florida Product Approval, with a minimum of two nails per shingle and a shingle to shingle nail spacing of 8 inches on center or less. Refer to the shingle manufacturer's Florida Product Approval for ridge cap shingle fastening and sealing requirements. Do not overdrive the nails or crush/compact the product during installation.

6.7 COBRA® INTAKEPRO™ ROOFTOP INTAKE VENT

6.7.1 The roof deck shall consist of minimum of 7/16 inch thick plywood or OSB wood structural panels. Use only on roofs with minimum slope of 4:12. Install only on eave edges of the roof.

6.7.2 Determine the length of Cobra® IntakePro™ Rooftop Intake Vent sections needed for proper ventilation and the location for cuts near the roof eave edge. Install a metal drip edge at the eave of the roof. Measure up 6 and 7 inches up from the edge of the metal drip edge and strike chalk lines parallel to the eave of the roof. Cut a 1 inch wide air slot opening along the chalk lines, stopping a minimum of 12" (305 mm) from rake/gable edges, side/end walls, and hip intersections, and stopping a minimum of 24" (610 mm) from the center of valley intersections. The saw should be adjusted so that the rafters or trusses are not cut.

Note: After cutting the air slot, clear all debris blocking access into the attic space. Be sure to flatten attic insulation near the air slot to allow for proper intake airflow near the air slot. Attic baffles may be used to help prevent insulation from blocking intake airflow into the attic space.

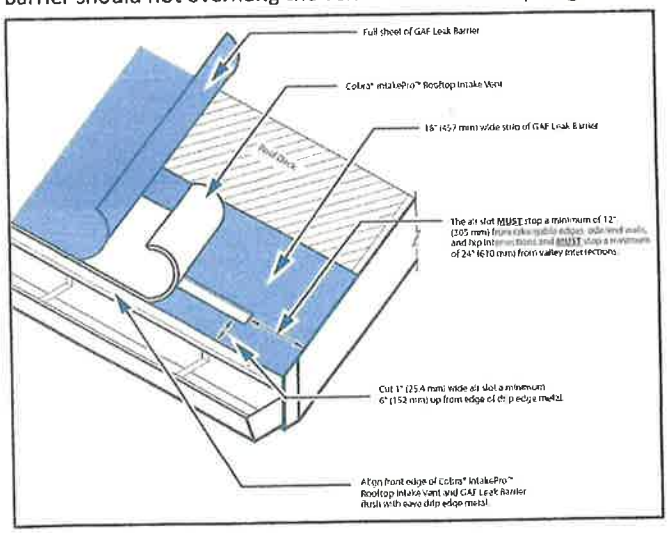
6.7.3 Install a minimum 18 inch (457mm) wide FBC Approved peel-and-stick leak barrier down to the roof deck. Align peel-and-stick leak barrier flush to the edge of the roof on top of the drip edge metal. Use a sharp utility knife to cut the leak barrier, re-opening the 1 inch (25 mm) air slot that was previously cut in the deck.

6.7.4 Each roll of Cobra® IntakePro™ Rooftop Intake Vent comes with two pieces of end cap fabric. To begin the vent run, place one piece of end cap fabric overhanging halfway over the rake/gable edge and parallel to the eave drip edge. Fasten the fabric to the roof deck using two roofing nails, one high and one low. If necessary, a piece of FBC Approved peel-and-stick leak barrier can be used in lieu of end cap fabric.

6.7.5 With the pre-marked dotted nail line and GAF logo facing up toward the sky, position the vent on top of the fabric end cap and flush to the rake/gable edge and eave drip edge. The front venting face of the vent should be flush with the drip edge metal below. Using the included 1-3/4 inch (44 mm) pneumatic coil nails, fasten the vent every 6 inches (152 mm) along the pre-marked nail line and fasten every 12 inches (305 mm), approximately 1-1/2 inches (38 mm) down from the up-slope edge of the vent. Do NOT nail within 1 inch (25 mm) from the side, top, or bottom edges of the vent.

6.7.6 Continue installing vent toward the opposite gable/rake edge or termination point. When installing multiple rolls, adjoin the rolls by butting them tightly together. There should be no gap between adjoining sections. The vent must always extend a minimum of 12 inches (305 mm) past any air slots. Miter cut the vent at any valley and hip intersections, ensuring the vent sections are butted tightly together. For terminations at gable and rake edges, cover the end of the vent run using the included fabric end cap in the same manner as the start of the vent run.

6.7.7 Install FBC Approved peel-and-stick leak barrier completely covering the top of the vent and extending from the eave edge to a minimum of 24 inches (610 mm) in from the building's warm wall. The leak barrier should not overhang the vent. Install rake drip edge if necessary.



6.7.8 Begin installing the shingle starter course. The starter course and first course of field shingles should overhang the front edge of the Cobra® IntakePro™ Rooftop Intake Vent by 1/4 – 3/4 inches (6 – 19 mm) to provide a drip edge. Using the included 1-3/4 inch (44 mm) pneumatic coil nails, fasten the starter strip and field shingles as per manufacturer's installation instructions. Ensure the field shingles are not fastened into the open air intake slot below.

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:**

Acworth, GA
Cumming, GA
Enka, NC

9. **QUALITY ASSURANCE ENTITY:**

UL, LLC. – QUA9625; (847) 664-3281

- END OF EVALUATION REPORT -

RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE ROOFING CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

WORMLEY, ROBERT BRETT

WORMLEY ROOFING, INC
2473 N JOHN YOUNG PARKWAY
ORLANDO FL 32804

LICENSE NUMBER: CCC1325558

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

ott Randolph, Tax Collector — Local Business Tax Receipt — Orange County, Florida

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 othe
l 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** 5000-1123784

5000	BUSINESS OFFICE	$30.00	3	EMPLOYEE	1806	CERTIFIED ROOFING CO	$40.00	12	EMPLOYEE	

TOTAL TAX	$70.00
PREVIOUSLY PAID	$70.00
TOTAL DUE	$0.00

WORMLEY ROBERT BRETT

WORMLEY ROOFING INC
WORMLEY ROBERT BRETT
2473 N JOHN YOUNG PKWY
ORLANDO FL 32804

2473 N JOHN YOUNG PKWY
U - ORLANDO, 32804

PAID: $70.00 0098-00778057 7/13/2017

ott Randolph, Tax Collector — Local Business Tax Receipt — Orange County, Florida

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WORMLEY ROBERT BRETT

WORMLEY ROOFING INC
WORMLEY ROBERT BRETT
2473 N JOHN YOUNG PKWY
ORLANDO FL 32804

2473 N JOHN YOUNG PKWY
U - ORLANDO, 32804

PAID: $70.00 0098-00778057 7/13/2017

SCOTT RANDOLPH, TAX COLLECTOR • ORANGE COUNTY, FLORIDA

This receipt is official when validated by the Tax Collector.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/15/2018

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	CONTACT NAME: Debra Guidry, CPCU	
FRSA Self Insurers Fund, Inc. 4099 Metric Drive Winter Park, FL 32792	PHONE (A/C, No, Ext): (800) 767-3772	FAX (A/C, No): (407) 671-2520
	E-MAIL ADDRESS: cert@frsasif.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A : FRSA Self Insurers Fund / Evanston Insurance Co.	35378
INSURED Wormley Roofing , Inc. 2473 N. John Young Parkway Orlando, FL 32804	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.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY			N/A			EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY			N/A			COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS						BODILY INJURY (Per person)	$
	☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS						BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR			N/A			EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N	N/A	N	870-040124 / 3EE6142	01/01/2018	01/01/2019	X PER STATUTE ☐ OTH-ER	
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT	$ 500,000
							E.L. DISEASE - EA EMPLOYEE	$ 500,000
							E.L. DISEASE - POLICY LIMIT	$ 500,000

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

REMARKS: Non-cancelable, without 30 days prior written notice, except for non-payment of premium which will be a 10 day written notice.

CERTIFICATE HOLDER

Attn:

City of Belle Isle
1600 Nela Avenue
Belle Isle, FL 32809

CANCELLATION

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

Debra Guidry CPCU
Underwriting Manager

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/15/2018

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 have ADDITIONAL INSURED provisions or 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	CONTACT NAME: Sue Wilson	
Gentry Insurance Agency 175 East Main Street PO Box 2046 APOPKA FL 32704-2046	PHONE (A/C, No, Ext): (407)886-3301	FAX (A/C, No): (407)886-9530
	E-MAIL ADDRESS: sue@gentryins.com	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Wormley Roofing, Inc. 2473 N. John Young Parkway Orlando FL 32804	INSURER A: Southern-Owners Ins. Co.	10190
	INSURER B: Progressive Ins. Co.	24260
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 17-18 GL 18-19 AUTO **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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [X] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:			72194990	11/18/2017	11/18/2018	EACH OCCURRENCE	$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 300,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
							PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [ ] OWNED AUTOS ONLY [X] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			079600660	08/12/2018	08/12/2019	COMBINED SINGLE LIMIT (Ea accident)	$ 300,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE	$
							AGGREGATE	$
								$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y / N [ ] If yes, describe under DESCRIPTION OF OPERATIONS below	N/A						[ ] PER STATUTE [ ] OTH-ER	
							E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

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

CERTIFICATE HOLDER

City of Belle Isle
1600 Nela Ave
Belle Isle FL 32809

CANCELLATION

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

Debra Liebknecht