



City of Belle Isle Job Site Card **ROOF** PERMIT 2020-04-014

Subdivision

Site Address: 5717 Labelle St 32809

Class: Residential

Parcel Number: 19-23-30-0596-01-060

=====
Description of Work: ROOF - total square footage: 1700

Number of Stories: 1

MODIFIED BITUMEN Square Footage: 1700

=====
Issued: A LARSSON & SONS CONSTRUCTION INC; RICE, AMY License # **CCC1327502**

Contact # 407 880-3160 /412-4940 **Payment/Issued Date & Method:** 4 / 27 / 2020

Picked up by _____ Emailed

Visa Master Card Amex Discover Check / Money Order#

1616

ROOF	INSPECTOR	DATE	COMMENTS
NEW ROOFS ONLY Code 700 Deck Nailing, Dry-In, Flashing			This inspection only applies for a brand new roof only!
Both new & re-roof Code 710 In - Progress			This inspection consists of all underlayment/black paper coverage and only 25% shingle coverage.
Both new & re-roof Code 720 Final			After the In Progress has been passed, then the entire roof is covered with shingles.

PLEASE NOTE: In order to schedule any inspections, the **PERMIT / plans-specs.** must be issued and **POSTED** on the **JOB SITE!** **THIS WILL AVOID ANY FAILED INSPECTIONS & RE-INSPECTION FEES.** 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 all of your inspections - **☆ Inspection requests are to be emailed to BD scheduling@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 requirements in your request:**

- **Project Address**
- **Corresponding Permit Number**
- **Type of Inspection** (Please reference your permit card for inspection codes)
- **Date of Inspection** (If no date is specified, the inspection will be scheduled for the next business day)
- **Contact Name**
- **Contact Phone Number**
- **Gate / Entry code** (If applicable)
- **AM, PM, or Any Time** (We do our best to accommodate time requests but cannot guarantee an exact arrival)

Universal Engineering Sciences - 3532 Maggie Blvd., Orlando, FL 32811407-581-8161 * Fax 407-581-0313 www.universalengineering.com

"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."



City of Belle Isle

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

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: March 30, 2020

ROOF PERMIT NUMBER 2020-04-014

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

Project Address 5717 Labelle Street, Belle Isle, FL X 32809 32812
Property Owner James V Werba Jr. Phone 407-575-9323
Property Owner's Mailing Address 5717 Labelle St. City Belle Isle
State FL Zip Code 32809 Parcel Id Number: 19-23-30-0596-01-060

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

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

MC 1616
PAID 4-27-2020

- **REQUIRED!** Florida Product Approval Form – NOTE: Installation instructions must be posted on-site before your first inspection!!
- OSHA Approved Access to the Roof must be made Available to the Inspector

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

Roof Square Footage: 17^{sq} Number of Stories: 1 Job Valuation: \$ 8,900.00
Type: Asphalt Shingles Metal Modified Bitumen Other: _____

IS = 17,000.-

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 [Signature] LICENSE # CCC1327502
LICENSE HOLDER NAME Amy Larsson RIC COMPANY NAME A. Larsson & Sons Const. Inc
Street Address 313 E. Orange St.
City Altamonte Springs State FL Zip Code 32701 Phone Number 407-880-3160
Email Address alarsson27@gmail.com

COMPLETED
PENDING: NOC

Building Official: OTC Date 3-31-2020
Verified Contractor's Licenses & Insurance are on file [Signature] Date 3-31-2020

Zoning Fee	\$	<u>30.-</u>
Building Fee	\$	<u>105.-</u>
Review Fee	\$	<u>0</u>
1% BCAIB Fee	\$	<u>2 min</u>
1.5% DCA Fee	\$	<u>2 min</u>
Total Permit Fee	\$	<u>139.-</u>

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.

15 IK
5x16

25
50
105

Building Permit Number _____

Permit Number: _____
 Folio/Parcel ID #: 19-23-30-0596-01-060
 Prepared by: Amy Larsson Rice
 313 E. Orange Street
 Altamonte Springs, FL 32701
 Return to: A. Larsson & Sons Construction, Inc.
313 E. Orange St.
Altamonte Springs, FL 32701

DOCH 20200230751
 04/14/2020 10:36:56 AM Page 1 of 1
 Rec Fee: \$10.00
 Phil Diamond, Comptroller
 Orange County, FL
 MB - Ret To: A LARSSON & SONS CONSTRUC



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)
 5717 Labelle Sreet, Orlando, FL 32809
2. **General description of improvement**
 roof replacement
3. **Owner information or Lessee information if the Lessee contracted for the improvement**
 Name James Werba
 Address 5717 Labelle Street, Orlando, FL 32809
 Interest in Property owner
 Name and address of fee simple titleholder (if different from Owner listed above)
 Name _____
 Address _____
4. **Contractor**
 Name A. Larsson & Sons Construction, Inc. Telephone Number 407-880-3160
 Address 313 E. Orange Street, Altamonte Springs, FL 32701
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 Amy Larsson Rice Telephone Number 407-880-3160
 Address 313 E. Orange Street, Altamonte Springs, FL 32701
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 the true and correct copy of the document as recorded in the public records of the State of Florida.
 DATED: 4/14/2020
 [Signature]

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.

James V. Werba
 Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager

 Signatory's Title/Office

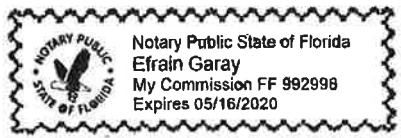
The foregoing instrument was acknowledged before me this 6th day of 04 / 20 by James Werba

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

[Signature]
 Signature of Notary Public - State of Florida

Efrain Garay
 Print, type, or stamp commissioned name of Notary Public

Personally Known OR Produced ID _____
 Type of ID Produced _____





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: March 30, 2020

PERMIT # 2020-04-014

PROJECT ADDRESS 5717 Labarre St.

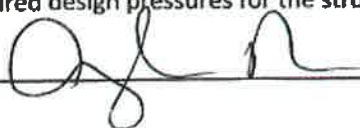
Belle Isle, FL X32809 32812

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

- This Product Approval Cover Sheet
- Internet screen printout from FloridaBuilding.Org showing PA#, approval code and edition stamped
- Manufacturer's installation details from FloridaBuilding.Org and requirements for each product stamped
- The Installation instructions must be posted on-site before your first inspection

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Siding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbl Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof	Certaineed	Authentic SP Cap	FL11288-R17
Mullion				Underlayment	Certaineed	Norbase	FL11288-R17
Skylights				Other			.1
Other							
STRUCTURAL COMPONENTS				OTHER			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
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 March 30, 2020



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**



FL #	FL11288-R17																								
Application Type	Revision																								
Code Version	2017																								
Application Status	Approved																								
Comments																									
Archived	<input type="checkbox"/>																								
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	Underlayments																								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received																								
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen																								
Florida License	PE-59166																								
Quality Assurance Entity	UL LLC																								
Quality Assurance Contract Expiration Date	11/13/2022																								
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received																								
Certificate of Independence	FL11288 R17 COI 2018 01 COI NIEMINEN.pdf																								
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr><td>ASTM D1970</td><td>2015</td></tr> <tr><td>ASTM D226</td><td>2009</td></tr> <tr><td>ASTM D4601</td><td>2012</td></tr> <tr><td>ASTM D4798</td><td>2011</td></tr> <tr><td>ASTM D4869</td><td>2016</td></tr> <tr><td>ASTM D6163</td><td>2008</td></tr> <tr><td>ASTM D6164</td><td>2011</td></tr> <tr><td>ASTM D6222</td><td>2011</td></tr> <tr><td>ASTM D6757</td><td>2016</td></tr> <tr><td>FM 4474</td><td>2011</td></tr> <tr><td>FRSA/TRI April 2012 (04-12)</td><td>2012</td></tr> </tbody> </table>	Standard	Year	ASTM D1970	2015	ASTM D226	2009	ASTM D4601	2012	ASTM D4798	2011	ASTM D4869	2016	ASTM D6163	2008	ASTM D6164	2011	ASTM D6222	2011	ASTM D6757	2016	FM 4474	2011	FRSA/TRI April 2012 (04-12)	2012
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FM 4474	2011																								
FRSA/TRI April 2012 (04-12)	2012																								

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 01/24/2018

Date Validated 01/29/2018

Date Pending FBC Approval 01/30/2018

Date Approved 04/10/2018

Summary of Products

FL #	Model, Number or Name	Description
11288.1	CertainTeed Roof Underlayments	Roof underlayments for use below Approved prepared roof coverings.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-555.0 Other: 1.) The DP in this application pertains to a particular application for use in adhesive-set tile applications. DP is N/A for underlayments installed beneath mechanically attached prepared roof covers. 2.) Refer to ER Section 5 for other Limits of Use.		Installation Instructions FL11288 R17 II 2018 01 FINAL ER CERTAINTEED UNDERLAYMENTS FL11288-R17.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL11288 R17 AE 2018 01 FINAL ER CERTAINTEED UNDERLAYMENTS FL11288-R17.pdf Created by Independent Third Party: Yes

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

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

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



Credit Card
Safe





NEMO|etc.

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

ENGINEER	EVALUATE	TEST	CONSULT	CERTIFY
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EVALUATION REPORT

CertainTeed Corporation

20 Moores Road
Malvern, PA 19355
(610) 651-5847

Evaluation Report 11610.09.08-R18

FL11288-R17

Date of Issuance: 09/03/2009

Revision 18: 01/24/2018

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 noted herein.

DESCRIPTION: CertainTeed Roof Underlayments

LABELING: Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO|etc. 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 "NEMO|etc. 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 10.

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 01/24/2018. This does not serve as an electronically signed document.

CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the 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 NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING COMPONENT EVALUATION:
1. SCOPE:
Product Category: Roofing

Sub-Category: Underlayment

Compliance Statement: CertainTeed Roof Underlayments, as produced by CertainTeed Corporation, 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:

<u>Section</u>	<u>Property</u>	<u>Standard</u>	<u>Year</u>
1504.3.1	Wind Uplift	FM 4474	2011
1507.2.3 / 1507.1.1	Physical Properties	ASTM D226	2009
1507.2.3 / 1507.1.1	Physical Properties	ASTM D4869	2016
1507.2.3 / 1507.1.1	Physical Properties	ASTM D6757	2016
1507.3.3	Physical properties	FRSA/TRI April 2012 (04-12)	2012
1507.2.4 / 1507.1.1, 1507.2.9.2	Physical Properties	ASTM D1970	2015
1507.10.2	Physical Properties	ASTM D4601	2012
1507.11.2	Physical Properties	ASTM D6163	2008
1507.11.2	Physical Properties	ASTM D6164	2011
1507.11.2	Physical Properties	ASTM D6222	2011
TAS 110	Accelerated Weathering	ASTM D4798	2011

3. REFERENCES:

<u>Entity</u>	<u>Examination</u>	<u>Reference</u>	<u>Date</u>
ERD (TST6049)	Physical Properties	C7290.01.08	01/16/2008
ERD (TST6049)	Physical Properties	C8440.04.08	04/28/2008
ERD (TST6049)	Physical Properties	C9560.05.08	05/25/2008
ERD (TST6049)	Physical Properties	C10080.09.08-R1	04/17/2009
ERD (TST6049)	Physical Properties	C12960.06.09	06/02/2009
ERD (TST6049)	Physical Properties	3530.12.05-1-R1	10/05/2009
ERD (TST6049)	Wind Uplift	C8370.08.08-R1	10/05/2009
ERD (TST6049)	Physical Properties	3523.03.05-R2	01/12/2010
ERD (TST6049)	Physical Properties	C30890.03.10-1	03/17/2010
ERD (TST6049)	Physical Properties	C3500.04.10	04/07/2010
ERD (TST6049)	Physical Properties	C31840.05.10	05/10/2010
ERD (TST6049)	Physical Properties	C31860.05.10	05/18/2010
ERD (TST6049)	Physical Properties	C31850.06.10	06/25/2010
ERD (TST6049)	Physical Properties	C35460.05.11	06/16/2011
ERD (TST6049)	Physical Properties	C34940.09.11-R1	10/04/2011
ERD (TST6049)	Accelerated Weathering	C40840SC	06/11/2012
ERD (TST6049)	Physical Properties	C40050.09.12-2	09/28/2012
ERD (TST6049)	Wind Uplift	C39670.08.12	08/20/2012
ERD (TST6049)	Physical Properties	C31410.10.10-R1	11/02/2012
ERD (TST6049)	Physical Properties	C45240.01.14-1	01/15/2014
ERD (TST6049)	Physical Properties	C32930.01.11-R2	01/20/2014
ERD (TST6049)	Physical Properties	C45240.01.14-2	01/24/2014
ERD (TST6049)	FM 4470	CTR-SC9920.01.16-R1	01/20/2016
ERD (TST6049)	Wind Uplift	CTR-SC10420.01.16	01/25/2016
ERD (TST6049)	FRSA/TRI April 2012, Tile Slippage	CTR-SC11415.11.16	11/28/2016
MTI (TST 2508)	Physical Properties	DX08C4A	03/22/2004
MTI (TST 2508)	Physical Properties	TX1486A-001	02/27/2006
MTI (TST 2508)	Physical Properties	TX1486B-002	03/13/2006
MTI (TST 2508)	Physical Properties	TX1486F-006	03/13/2006
MTI (TST 2508)	Physical Properties	TX1486E-005	03/13/2006
PRI (TST5878)	Physical Properties	CTC-034-02-01	11/24/2008
PRI (TST5878)	Physical Properties	CTC-075-02-01	02/15/2011
PRI (TST5878)	Physical Properties	CTC-067-02-01	08/08/2011
PRI (TST5878)	Wind Uplift	CTC-112-02-01	12/12/2011
PRI (TST5878)	Physical Properties	CTC-163-02-01 (x3)	05/10/2013
PRI (TST5878)	Physical Properties	CTC-189-02-01	11/18/2013



NEMO|etc.

Entity
PRI (TST5878)
UL, LLC. (QUA9625)

Examination
Physical Properties
Quality Control

Reference
CTC-327-02-01
Service Confirmation

Date
06/28/2017
Exp. 03/09/2020

4. PRODUCT DESCRIPTION:

4.1 Self-Adhering Underlayments:

- 4.1.1 **WinterGuard™ HT** is a glass scrim reinforced, self-adhering, film-surfaced waterproofing underlayment; meets ASTM D1970.
 - 4.1.2 **WinterGuard™ Sand** is a glass mat reinforced, self-adhering, sand-surfaced waterproofing underlayment; meets ASTM D1970.
 - 4.1.3 **WinterGuard™ Granular** is a glass mat reinforced, self-adhering, granule-surfaced waterproofing underlayment; meets ASTM D1970.
 - 4.1.4 **Metalayment™** is a self-adhering, film-surfaced, waterproofing underlayment; meets ASTM D1970.
 - 4.1.5 **Black Diamond Base Sheet** is a self-adhering, glass mat reinforced, fine-mineral surfaced, SBS modified roof underlayment; meets ASTM D1970.
 - 4.1.6 **Flintlastic SA PlyBase** is a self-adhering, glass mat reinforced, film-surfaced, SBS modified roof underlayment for use as a base-layer in multi-ply underlayment systems; meets ASTM D1970.
 - 4.1.7 **Flintlastic SA Mid Ply** is a self-adhering, polyester reinforced, film-surfaced, SBS modified roof underlayment for use as a base-layer in multi-ply underlayment systems; meets ASTM D6163, Type I, Grade S.
 - 4.1.8 **Flintlastic Ultra Glass SA** is a self-adhering, glass mat reinforced, fine-mineral surfaced, SBS modified roof underlayment for use as a base-layer in multi-ply underlayment systems; meets ASTM D6163, Type I, Grade S.
 - 4.1.9 **Flintlastic SA Cap FR** is a self-adhering, glass mat reinforced, granule-mineral surfaced, SBS modified roof underlayment; meets ASTM D6163, Type I, Grade G.
 - 4.1.10 **Flintlastic SA Cap** is a self-adhering, polyester reinforced, granule-mineral surfaced, SBS modified roof underlayment; meets ASTM D1970, ASTM D6164, Type I, Grade G and FRSA/TRI April 2012.
- 4.2 Torch Applied Underlayments:**
- 4.2.1 **Flintlastic GTA** is a torch-applied, polyester reinforced, granule-surfaced, APP modified roof underlayment; meets ASTM D6222, Type I, Grade G.
- 4.3 Asphalt Applied Underlayments:**
- 4.3.1 **Flintlastic GMS** is an asphalt-applied, polyester reinforced, granule-surfaced, SBS modified roof underlayment; meets ASTM D6164, Type I, Grade G.
- 4.4 Mechanically Attached Underlayments:**
- 4.4.1 **Flintlastic SA NailBase** is a glass mat reinforced, film-surfaced, SBS modified roof underlayment for use as a mechanically attached base-layer in multi-ply underlayment systems; meets ASTM D4601, Type II.
 - 4.4.2 **Roofers' Select** is an asphalt-impregnated, organic felt reinforced with glass fibers roof underlayment; meets ASTM D6757.

5. LIMITATIONS:

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

TABLE 1: ROOF COVER OPTIONS							
Underlayment	Asphalt Shingles	Nail-On Tile	Foam-On Tile	Mortar-Set Tile	Metal	Wood Shakes & Shingles	Slate
Roofers' Select	Yes	No	No	No	No	No	No
WinterGuard HT	Yes	No	No	No	Yes	Yes	Yes
WinterGuard Sand or Granular	Yes	No	No	No	No	Yes	Yes
Black Diamond Base	Yes	No	No	No	No	Yes	Yes
Flintlastic SA Cap	Yes	Yes	Yes <i>See 5.5.1</i>	Yes	No	Yes	Yes
Flintlastic SA Cap FR	No	No	No	No	No	Yes	Yes
Metalayment	Yes	No	No	No	Yes	Yes	Yes
Flintlastic GTA	No	Yes	Yes <i>See 5.5.1</i>	Yes	No	Yes	Yes
Flintlastic GMS	No	Yes	Yes <i>See 5.5.1</i>	Yes	No	Yes	Yes

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

TABLE 1A: ALLOWABLE TILE ADHESIVE / UNDERLAYMENT COMBINATIONS ¹		
Adhesive	Florida Product Approval	Underlayments
Dow TileBond™	FL22525	Flintlastic SA Cap or Flintlastic GMS
ICP Adhesives Polyset® AH-160	FL6332	Flintlastic SA Cap, Flintlastic GTA or Flintlastic GMS

¹ Refer to Tile Manufacturer's or Adhesive Manufacturer's Florida Product Approval for Overturning Moment Resistance Performance.

5.6 Allowable Substrates:

5.6.1 Direct-Bond to Deck:

WinterGuard HT, WinterGuard Sand, WinterGuard Granular or MetaLayment self-adhered to:

- New or existing plywood
- FlintPrime or ASTM D41 primed new or existing plywood.

Black Diamond Base, Flintlastic SA PlyBase, Flintlastic SA Mid Ply, Flintlastic Ultra Glass SA, Flintlastic SA Cap or Flintlastic SA Cap FR self-adhered to:

- New or existing plywood;
- FlintPrime, FlintPrime SA or ASTM D41 primed new or existing plywood;
- FlintPrime, FlintPrime SA or ASTM D41 primed structural concrete.

Flintlastic GMS in hot asphalt to:

- FlintPrime or ASTM D41 primed structural concrete.

Flintlastic GTA torch-applied to:

- FlintPrime or ASTM D41 primed structural concrete.

5.6.2 Bond to Mechanically Attached Base Sheet or Adhered Base Ply:

- WinterGuard HT, WinterGuard Sand, WinterGuard Granular or MetaLayment self-adhered to: ASTM D226, Type I or II felt.
- Black Diamond Base Sheet, Flintlastic SA PlyBase, Flintlastic SA Mid Ply, Flintlastic Ultra Glass SA, Flintlastic SA Cap, Flintlastic SA Cap FR self-adhered to: Flintlastic SA NailBase or ASTM D226, Type I or II felt.
- Flintlastic SA Cap or Flintlastic SA Cap FR self-adhered to: Flintlastic SA PlyBase or Flintlastic SA MidPly.
- Flintlastic GMS in hot asphalt to: ASTM D226, Type I or II felt, ASTM D4601, Type II base sheet, Black Diamond Base Sheet or Flintlastic Ultra Glass SA.
- Flintlastic GTA torch-applied to: ASTM D226, Type I or II felt, ASTM D4601, Type II base sheet, Black Diamond Base Sheet or Flintlastic Ultra Glass SA.

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

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

#1 Maximum Design Pressure = -240 psf:

Deck: Structural concrete to meet project requirements to satisfaction of AHJ.
 Primer: FlintPrime or ASTM D41.
 Base Sheet: Black Diamond Base Sheet or Flintlastic Ultra Glass SA, self-adhered.
 Underlayment: Flintlastic GTA, torch-applied or Flintlastic GMS, applied in hot asphalt.

#2 Maximum Design Pressure = -555 psf:

Deck: Structural concrete to meet project requirements to satisfaction of AHJ.
 Primer: FlintPrime, FlintPrime SA or ASTM D41.
 Base: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.

- #3 Maximum Design Pressure = -105.0 psf:**
 Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Primer: (Optional) FlintPrime, FlintPrime SA or ASTM D41
 Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.
- #4 Maximum Design Pressure = -127.5 psf:**
 Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Primer: FlintPrime, FlintPrime SA or ASTM D41
 Joints: Min. 4-inch wide strips of Flintlastic SA PlyBase, self-adhered over all plywood joints.
 Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.
- #5 Maximum Design Pressure = -37.5 psf:**
 Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Base Sheet: ASTM D226, Type II felt or Flintlastic SA NailBase
 Fasteners: 12 ga., 1¼-inch long galvanized ring shank nails through 32 ga., 1 5/8-inch diameter tin caps
 Spacing: 6-inch o.c. at the 4-inch laps and 12-inch o.c. at two (2) equally spaced, staggered rows in the field of the sheet.
 Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.
- #6 Maximum Design Pressure = -45.0 psf*:**
 Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Base Sheet: Glasbase Base Sheet; Flexiglas Base Sheet; Flintlastic Base 20; All Weather / Empire Base Sheet; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base or Yosemite Venting Base Sheet
 Fasteners: Simplex MAXX Cap Fasteners
 Spacing: 9-inch o.c. at the 2-inch wide side laps and 18-inch o.c. at two (2) equally spaced, staggered center rows.
 Underlayment: Flintlastic GMS, applied in hot asphalt or Flintlastic GTA, torch-applied.
- #7 Maximum Design Pressure = -52.5 psf:**
 Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Base Sheet: Glasbase Base Sheet; Flexiglas Base Sheet; Flintlastic Base 20; All Weather / Empire Base Sheet; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base or Yosemite Venting Base Sheet
 Fasteners: Simplex MAXX Cap Fasteners
 Spacing: 9-inch o.c. at the 2-inch wide side laps and 12-inch o.c. at two (2) equally spaced, staggered center rows.
 Underlayment: Flintlastic GMS, applied in hot asphalt or Flintlastic GTA, torch-applied.
- #8 Maximum Design Pressure = -52.5 psf:**
 Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Base Sheet: Flintlastic SA NailBase
 Fasteners: Min. 1-inch long, 12 ga. Simplex Metal Cap Nails
 Spacing: 6-inch o.c. at the min. 2-inch laps and 6-inch o.c. at four (4) equally spaced, staggered rows in the field of the sheet.
 Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.
- #9 Maximum Design Pressure = -60.0 psf:**
 Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of AHJ.
 Base Sheet: Flintlastic SA NailBase
 Fasteners: 12 ga., 1¼-inch long galvanized ring shank nails through 32 ga., 1 5/8-inch diameter tin caps
 Spacing: 8-inch o.c. at the min. 2-inch laps and 8-inch o.c. at three (3) equally spaced, staggered rows in the field of the sheet.
 Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
 Underlayment: Flintlastic SA Cap, self-adhered.

#10 Maximum Design Pressure = -67.5 psf:

Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
Base Sheet: Glasbase Base Sheet; Flexiglas Base Sheet; Flintlastic Base 20; All Weather / Empire Base Sheet; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base or Yosemite Venting Base Sheet
Fasteners: Cap nails: 1-inch diameter, 0.032-inch thick metal cap with 0.120-inch shank diameter, annular ring shank nails
Spacing: 6-inch o.c. at 4-inch lap and 6-inch o.c. at five (5) equally spaced, staggered center rows in the field of the sheet.
Underlayment: Flintlastic GMS, applied in hot asphalt.

#11 Maximum Design Pressure = -75.0 psf:

Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of AHJ.
Base Sheet: Flintlastic SA NailBase
Fasteners: 12 ga., 1¼-inch long galvanized ring shank nails through 32 ga., 1 5/8-inch diameter tin caps
Spacing: 6-inch o.c. at the min. 2-inch laps and 6-inch o.c. at four (4) equally spaced, staggered rows in the field of the sheet.
Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Underlayment: Flintlastic SA Cap, self-adhered.

#12 Maximum Design Pressure = -90.0 psf:

Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
Base Sheet: Glasbase Base Sheet; Flexiglas Base Sheet; Flintlastic Base 20; All Weather / Empire Base Sheet; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base or Yosemite Venting Base Sheet
Fasteners: Simplex MAXX Cap Fasteners
Spacing: 6-inch o.c. at the 2-inch wide side laps and 6-inch o.c. at two (2) equally spaced, staggered center rows.
Underlayment: Flintlastic GMS, applied in hot asphalt or Flintlastic GTA, torch-applied.

#14 Maximum Design Pressure = -105.0 psf:

Deck: Min. 15/32-inch plywood to meet project requirements to satisfaction of AHJ.
Base Sheet: Glasbase Base Sheet; Flexiglas Base Sheet; Flintlastic Base 20; All Weather / Empire Base Sheet; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base or Yosemite Venting Base Sheet
Fasteners: Simplex MAXX Cap Fasteners
Spacing: 6-inch o.c. at the 2-inch wide side laps and 6-inch o.c. at three (3) equally spaced, staggered center rows.
Underlayment: Flintlastic GMS, applied in hot asphalt or Flintlastic GTA, torch-applied.

#15 Maximum Design Pressure = -105.0 psf:

Deck: Min. 19/32-inch plywood to meet project requirements to satisfaction of AHJ.
Base Sheet: Flintlastic SA NailBase
Fasteners: 12 ga., 1¼-inch long galvanized ring shank nails through 32 ga., 1 5/8-inch diameter tin caps
Spacing: 4-inch o.c. at the min. 2-inch laps and 4-inch o.c. at four (4) equally spaced, staggered rows in the field of the sheet.
Base Ply: (Optional) Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Underlayment: Flintlastic SA Cap, self-adhered.

5.6.3.1 All other direct-deck, adhered CertainTeed underlayment systems beneath foam-on or mortar-set tile systems carry a Maximum Design Pressure of -45 psf.

5.6.3.2 For mechanically attached Base Sheet, the maximum design pressure for the selected assembly shall meet or exceed that required under FRSA/TRI April 2012 (04-12), Appendix A, Table 1A. Alternatively, the maximum design pressure for the selected assembly shall meet or exceed the Zone 1 design pressure determined in accordance with FBC 1609. In this case, Zones 2 and 3 shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are ANSI/SPRI WD1, FM Loss Prevention Data Sheet 1-29 and Roofing Application Standard RAS 117. Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.10.1 of FM Loss Prevention Data Sheet 1-29 (January 2016) for Zone 2/3 enhancements.

5.7 Exposure Limitations:

Roofers' Select shall not be left exposed for longer than 30-days after installation. Refer to installation instructions specific to anticipated exposure in Section 6.

Black Diamond Base, WinterGuard HT, WinterGuard Sand, WinterGuard Granular or Metalayment shall not be left exposed for longer than 180-days after installation.

Flintlastic SA Cap, Flintlastic SA Cap FR, Flintlastic GTA or Flintlastic GMS do not have an exposure limitation, unless the prepared roof covering is to be adhesive-set tile atop Flintlastic SA Cap, GTA or GMS, in which case the maximum exposure is 180 days.

Flintlastic SA NailBase, Flintlastic SA PlyBase, Flintlastic SA Mid Ply and Flintlastic Ultra Glass SA, for use as a base-layer in a multi-ply underlayment system, shall not be left exposed for longer than 30-days after installation, prior to placement of subsequent underlayment layer.

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

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

TABLE 2: TILE SLIPPAGE LIMITATIONS FOR DIRECT-DECK TILE INSTALLATIONS			
Underlayment	Tile Profile	Staging Method	Maximum Slope
Flintlastic GMS	All	Max. 10-tile stack	4:12
Flintlastic GTA	All	Max. 10-tile stack	6:12
Flintlastic SA Cap	Flat	Max. 6-tile stack (4 over 2)	6:12
	Lugged	Max. 6-tile stack (4 over 2)	5:12

6. **INSTALLATION:**

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

6.2 Re-fasten any loose decking panels, and check for protruding nail heads. Sweep the substrate thoroughly to remove any dust and debris prior to application, and prime the substrate (if applicable).

6.3 **Flintlastic SA NailBase, Flintlastic SA PlyBase, Flintlastic SA Mid Ply or Flintlastic Ultra Glass SA:**

6.3.1 **Flintlastic SA NailBase, Flintlastic SA PlyBase and Flintlastic SA Mid Ply** are limited to use as a base or mid-layer in multi-ply underlayment systems beneath **Flintlastic SA Cap** or **Flintlastic SA Cap FR**.

6.3.2 **Flintlastic Ultra Glass SA** is limited to use as a base-layer in multi-ply underlayment systems beneath **Flintlastic GTA** or **Flintlastic GMS**.

6.3.3 Install the base-layer underlayment to the substrates detailed in Section 5.6 in accordance with **CertainTeed** published installation instructions, followed by the final underlayment layer in accordance with the instructions outlined below for the particular top-layer underlayment.

6.3.4 Roof cover limitations are those associated with the top-layer underlayment, as set forth in **Table 1**.



6.4 Black Diamond Base, Flintlastic SA Cap or SA Cap FR, WinterGuard or MetaLayment:

6.4.1 Shall be installed in compliance with current **CertainTeed** published installation requirements and **FBC 1507** for the type of prepared roof covering to be installed.

6.4.2 Non-Tile Applications:

Shall be fully self-adhered to the substrates noted in **Section 5.6**. Side laps shall be minimum 4-inch and end-laps minimum 6-inch wide, pressed firmly with a seam-roller, and offset end-laps minimum 2 feet from course to course.

Consult **CertainTeed** Instructions for use of **FlintBond SBS Modified Bitumen Adhesive**, trowel grade, on the 6-inch end laps and T-seam detailing.

Consult **CertainTeed** instructions regarding back-nailing requirements.

6.4.3 Tile Applications (Flintlastic SA Cap only):

Reference is made to **FRSA/TRI April 2012 (04-12)** Installation Manual and **Table 1** herein.

For mechanically fastened tile roofing over 2-ply system, consisting of Base Sheet and self-adhering top sheet(s), Base Sheet fastening shall be not less than **FRSA/TRI April 2012 (04-12), Table 1**.

For adhesive-set tile applications, refer to **Section 5.6.3** herein.

6.5 Flintlastic GTA:

6.5.1 **Flintlastic GTA** shall be installed in compliance with current **CertainTeed** published installation requirements. For use in tile applications, **Flintlastic GTA** is for use as an alternate to the Heat Applied "Cap Sheet" in the "Two Ply System" from **FRSA/TRI April 2012 (04-12)** beneath mechanically fastened or adhered tile roof systems (Base Sheet Limited per 5.6.2)

6.5.2 **Flintlastic GTA** shall be fully torch applied to the substrates noted in **Section 5.6**. Side (horizontal) laps shall be minimum 3-inch and end (vertical) laps minimum 6-inch wide, and offset end-laps minimum 3 feet from course to course. Side and end-laps shall be fully heat-welded and inspected to ensure minimum 3/8-inch flow of modified compound beyond the lap edge.

6.5.3 Consult **CertainTeed** instructions regarding back-nailing requirements.

6.6 Flintlastic GMS:

6.6.1 **Flintlastic GMS** shall be installed in compliance with current **CertainTeed** published installation requirements. For use in tile applications, **Flintlastic GMS** is for use as an alternate to "Mineral Surface Roll Roofing" (ASTM D6380, Class M) in the "Single Ply System" from **FRSA/TRI April 2012 (04-12)** beneath mechanically fastened tile roof systems or the Hot Asphalt applied "Cap Sheet" in the "Two Ply System" from **FRSA/TRI April 2012 (04-12)** beneath mechanically fastened or adhered tile roof systems.

6.6.2 **Flintlastic GMS** shall be fully asphalt-applied to the substrates noted in **Section 5.6**. Side (horizontal) laps shall be minimum 3-inch and end (vertical) laps minimum 6-inch wide, and offset end-laps minimum 3 feet from course to course. Side and end-laps shall be fully adhered in a complete mopping of hot asphalt with asphalt extending approximately 3/8-inch beyond the lap edge.

6.6.3 Consult **CertainTeed** instructions regarding back-nailing requirements.



6.7 Roofers' Select:

- 6.7.1 **Standard-Slope Application (4:12 and greater):** Starting at the lower edge of the roof, apply a single layer of Roofers' Select parallel to the eaves, overhanging drip edge by ½-inch. Overlap ends (vertical laps) at least 4-inch and sides (horizontal laps) at least 2-inch. Offset end laps from course to course at least 6-feet. Apply flat and unwrinkled, fastening as required to hold in place.
- 6.7.2 **Low Slope Application (2:12 up to 4:12):** Starting at the lower edge of the roof, cover the entire deck by applying a double layer of Roofers' Select parallel to the eaves. Begin by applying a 19-inch wide starter strip of Roofers' Select along the eaves, overlapping the drip edge by ½-inch. Place a full-width sheet over the starter, with lower edge flush to the starter's lower edge. Apply succeeding 36-inch wide courses up the roof slope, overlapping the previous course by 19-inch in "shingle-fashion". Overlap ends at least 12-inch. Offset end laps from course to course at least 6-feet. Apply flat and unwrinkled, fastening as required to hold in place.
- 6.7.3 **Eaves Flashing for Ice Dam Protection (all slopes):** Eaves flashing may be constructed from self-adhering waterproofing underlayment holding Florida Product Approval, or by applying a double layer of Roofers' Select cemented together with asphalt roofing cement (ASTM D 4586, Type II). Eaves flashing should be installed to a level of at least 24-inch inside the interior wall line, or in areas of severe icing, at least up to the highest water level expected to occur from ice dams to the satisfaction of the Authority Having Jurisdiction (AHJ).

6.8 Tile Staging (Flintlastic SA Cap, Flintlastic GTA or Flintlastic GMS):

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

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

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

Plant	Specification	Product(s)
Little Rock, AR	ASTM D1970	WinterGuard HT, MetaLayment, Flintlastic SA PlyBase
	ASTM D4601	Flintlastic SA NailBase
	ASTM D6163	Flintlastic SA Mid Ply, Flintlastic Ultra Glass SA, Flintlastic SA Cap FR
	ASTM D6164	Flintlastic GMS
	ASTM D1970, ASTM D6164 & FRSA/TRI April 2012	Flintlastic SA Cap
	ASTM D6222	Flintlastic GTA
Shakopee, MN	ASTM D1970	WinterGuard Sand, WinterGuard Granular, Black Diamond Base Sheet,
Shreveport, LA	ASTM D6757	Roofers' Select

9. QUALITY ASSURANCE ENTITY:

UL, LLC. – QUA9625; (414) 248-6409; karen.buchmann@ul.com

- END OF EVALUATION REPORT -



FLINTLASTIC® SA CAP

SELF-ADHERING SBS MODIFIED BITUMEN CAP SHEET FOR SA ROOF SYSTEMS

Product Information

Product Use: Flintlastic® SA Cap is designed for use as a cap membrane in multi-ply self-adhered systems. It is suitable for use in the construction of various roof membrane assemblies over a variety of substrates. It is intended for use over Flintlastic® SA NailBase, Flintlastic® SA PlyBase or Flintlastic® SA MidPly.

Product Composition and Features: Flintlastic SA Cap is manufactured using a high performance, stress-resistant polyester mat impregnated and coated with a superior grade of modified bitumen compound. It is surfaced on the bottom with a removable release film and on the top with mineral granules. The combination mat provides excellent tear and puncture resistance.

Roll Dimensions:	39 ³ / ₈ " x 32' 11"
Nominal Coverage:	One square
Approximate Weight:	95 lbs.
Top Surface:	Mineral granules
Back Surface:	Removable release film
Packaging:	Individual cartons (20 rolls per pallet)

Applicable Standards: Meets ASTM D6164, Grade G, Type I, D7505, D1970 and CGSB 37 GP-56M Type 1a, Class A, Grade 1, ICC-ES (ESR-1388), Miami-Dade, Florida Building Code Statewide Approval (FL 2533 and FL 16709) and Texas Department of Insurance (RC-47). Flintlastic SA Cap White is an approved ENERGY STAR® product for slopes greater than 2"/12". Initial Solar Reflectance: 0.27; Aged Solar Reflectance: 0.24; Thermal Emittance: 0.89. Flintlastic SA Cap White is also listed by the Cool Roof Rating Council (CRRC). The CRRC product code ID is 0668-0018.



Technical Data

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with elastomeric styrene-butadiene-styrene (SBS) polymer.

Support Mat: High performance, stress-resistant polyester mat.

<u>Test Description</u>	<u>Test Method</u>	<u>Results*</u>
Solar Reflectance Index (SRI):	ASTM E1980	28/24
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	80/55 lbs./in.
	@ 0 +/- 3.6°F MD/XD	115/90 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	60%/65%
	@ 0 +/- 3.6°F MD/XD	40%/40%
Dimensional Stability:	ASTM D5147	0.5%
Low Temperature Flex:	ASTM D5147	Pass @ 0°F
Thickness:	ASTM D5147	4.0 mm (160 mils)
Tear Strength:	@ 73.4 +/- 3.6°F MD/XD	110/80 lbs.

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.



Product Application

Installation: Apply to Flintlastic SA NailBase, Flintlastic PlyBase and/or Flintlastic SA MidPly working with lengths of membrane appropriate for proper handling and the same installation procedure as described for Flintlastic SA MidPly. Overlap side laps 3" and end laps 6". Selvage edge with release strip is provided on Flintlastic SA Cap; position roll with selvage edge at the high side of the roof. Once the first cap sheet membrane length is in place, remove the top side lap to release film before overlapping the second length of Flintlastic SA Cap. Stagger side laps of Flintlastic SA Cap a minimum of 18" from those of the underlying Flintlastic SA MidPly and be certain end laps also are staggered minimum 36". At end laps (or any overlap onto mineral surface), use trowel grade FlintBond® modified bitumen adhesive uniformly in a 1/8" to 1/4" layer wherever an overlap exists to ensure an adequate bond. Cut opposing corners of end laps diagonally to avoid "T" seam joints. Use a heavy, weighted roller to smooth and secure the membrane.

Deck Preparation: CertainTeed recommends the use of Flintlastic SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of Flintlastic SA PlyBase or Flintlastic SA MidPly followed by Flintlastic SA Cap, provided the deck is thoroughly primed using FlintPrime® SA. It should be noted that without the use of a nailable base sheet, the membrane may be difficult to remove if removal is ever warranted and certain UL listings for the product may not apply.

Precautions: Flintlastic SA Cap must be applied as part of a self-adhered system. It is not intended for use with hot asphalt, cold adhesives or torch-down applications. Roof decks must be structurally sound, dry and smooth, and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Don't attempt application if ice, snow, moisture or dew is present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Don't attempt installation on roofs without adequate slope and drainage. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Specifications.

Storage and Handling

Flintlastic SA rolls must be stored above ground indoors and protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.

Warranties

CertainTeed offers Limited (product only) and No Dollar Limit (NDL, product and workmanship) warranties. Warranty type and duration is dependent on roof system configuration and contractor selection. Only CertainTeed Gold and Silver Star Contractors are eligible to apply for NDL warranties on specific roof projects. For more information, see CertainTeed Commercial Roof Systems Specifications or contact Commercial Roofing Technical Services.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application guidelines for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region. For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 x2.



CertainTeed Corporation

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILING • INSULATION
20 Moores Road Malvern, Pa 19355 Professional: 800-233-8990 Consumer: 800-782-8777 certainteed.com

FLINTLASTIC® SA NAILBASE

SBS MODIFIED BITUMEN NAILBASE SHEET FOR SA ROOF SYSTEMS

Product Information



Product Use: Flintlastic® SA NailBase is designed for use as an anchor sheet in self-adhering roofing systems. It is suitable for use in the construction of various types of membranes for both new construction and reroofing over a variety of substrates. Flintlastic SA NailBase permits complete mechanical attachment to nailable substrates, preserving the integrity of the substrate for future tear-offs and adding additional waterproofing performance capabilities to the overall system.

Limitations: When using Flintlastic SA NailBase, pay particular attention to storage and handling, deck preparation, slope and drainage, and application requirements to assure a successful installation and long-term performance.

Product Composition and Features: Flintlastic SA NailBase is manufactured on an extra strength fiberglass reinforced mat that receives a coating of modified bitumen compound. The top surface contains a permanent blue film that must not be removed. The back surface is finished with a mineral release agent.

Roll Dimensions: 39³/₈" x 64' 6"
Nominal Coverage: Two squares
Approximate Weight: 82 lbs.
Top Surface: Permanent film
Bottom Surface: Fine sand, release agent

Applicable Standards: Meets ASTM D4601, Type II and CGSB 37 GP-56M Type 2b, Class C, Grade 1. Flintlastic SA NailBase is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533 and FL 16709), and Texas Department of Insurance (RC-47). Certain SA Systems are UL Classified as to impact resistance as described in the UL Roofing Materials & Systems Directory (TGFU).

Technical Data

The following information represents typical average properties of Flintlastic SA NailBase.

Support Mat: Extra strength fiberglass reinforced mat.

<u>Test Description</u>	<u>Test Method</u>	<u>Results*</u>
Thickness:	ASTM D5147	1.5 mm (60 mils)
Tensile Strength:	ASTM D5147 @ 73°F MD/XD	65/40 lbs./in.
Elongation:	ASTM D5147 @ 73°F MD/XD	6.0%/5.0%
Packaging:	Palletized, Bands (20 rolls per pallet)	

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.

Installation

Refer to the CertainTeed Commercial Roof Systems Specifications for complete product installation details and requirements. Below is a general guideline.

Deck Preparation: CertainTeed recommends the use of Flintlastic SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of Flintlastic® SA PlyBase or Flintlastic® SA MidPly followed by Flintlastic® SA Cap provided the deck is thoroughly primed using FlintPrime® SA. It should be noted that without the use of a nailable base sheet, the membrane may be difficult to remove if removal is ever warranted and certain UL listings for the product may not apply.

Product Application

Nailable Substrates: Use standard nailing patterns and CertainTeed approved fasteners for attachment to nailable decks. Overlap side laps 3" and end laps 4". Nail base sheet every 9" o.c. on side laps and every 18" o.c. in two staggered rows in from each edge. Permanent top surface film is left in place.

Precautions

Do not attempt application if ice, snow, moisture or dew are present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Do not attempt installation on roofs without adequate slope and drainage.

Storage and Handling

Flintlastic SA rolls must be stored above ground indoors and protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.

Warranties

CertainTeed offers Limited (product only) and No Dollar Limit (NDL, product and workmanship) warranties. Warranty type and duration is dependent on roof system configuration and contractor selection. Only CertainTeed Gold and Silver Star Contractors are eligible to apply for NDL warranties on specific roof projects. For more information, see CertainTeed Commercial Roof Systems Specifications or contact Commercial Roofing Technical Services.

Technical Assistance and Services

CertainTeed provides technical assistance in the design, selection, specification and application guidelines for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 x2.

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE
GYPSUM • CEILINGS • INSULATION

www.certainteed.com <http://blog.certainteed.com>

CertainTeed Corporation
20 Moores Road
Malvern, PA 19355

Professional: 800-233-8990
Consumer: 800-782-8777

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Code No. COMM-166



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5717 Labelle St < 19-23-30-0596-01-060 >

Aliases	Physical Street Address
Werba James V Jr	5717 Labelle St
Mailing Address On File	Postal City and Zipcode
5717 La Belle St	Orlando, FL 32809
Belle Isle, FL 32809-3543	Property Use
Incorrect Mailing Address?	0100 - Single Family
	Municipality
	Belle Isle



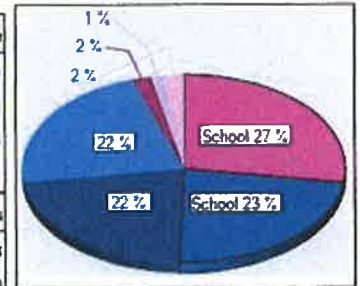
View 2019 Property Record Card

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- [Values, Exemptions and Taxes](#)
- [Sales Analysis](#)
- [Location Info](#)
- [Market Stats](#)
- [Update Information](#)

Historical Value and Tax Benefits

Tax Year Values	Land	Building(s)	Feature(s)	Market Value	Assessed Value
2019 <input checked="" type="checkbox"/> MKT	\$77,000	+ \$52,491	+ \$0 =	\$129,491 (56%)	\$91,207 (10%)
2018 <input checked="" type="checkbox"/> MKT	\$60,000	+ \$22,915	+ \$0 =	\$82,915 (95%)	\$82,915 (95%)
2017 <input checked="" type="checkbox"/> MKT	\$60,000	+ \$22,138	+ \$0 =	\$82,138 (1.0%)	\$82,138 (1.0%)
2016 <input checked="" type="checkbox"/> MKT	\$60,000	+ \$21,305	+ \$0 =	\$81,305	\$81,305
Tax Year Benefits					Tax Savings
2019 <input checked="" type="checkbox"/> \$					\$378
2018 <input checked="" type="checkbox"/>					\$0
2017 <input checked="" type="checkbox"/>					\$0
2016 <input checked="" type="checkbox"/>					\$0

2019 Tax Breakdown



2019 Taxable Value and Certified Taxes

TAX YEAR | 2019 • 2018 • 2017 • 2016

Taxing Authority	Assd Value	Exemption	Tax Value	Millage Rate	Taxes %
Public Schools: By State Law (Rle)	\$129,491	\$0	\$129,491	3.8610 (1.65%)	\$499.96 27 %
Public Schools: By Local Board	\$129,491	\$0	\$129,491	3.2480 (0.00%)	\$420.59 23 %
Orange County (General)	\$91,207	\$0	\$91,207	4.4347 (0.00%)	\$404.48 22 %
City Of Belle Isle	\$91,207	\$0	\$91,207	4.4018 (0.00%)	\$401.47 22 %
Library - Operating Budget	\$91,207	\$0	\$91,207	0.3748 (0.00%)	\$34.18 2 %
St Johns Water Management District	\$91,207	\$0	\$91,207	0.2414 (1.57%)	\$22.02 1 %
Lake Conway Mstu	\$91,207	\$0	\$91,207	0.4107 (0.00%)	\$37.46 2 %
			16.9724		\$1,820.16

2019 Non-Ad Valorem Assessments

Levying Authority	Assessment Description	Units	Rate	Assessment
CITY OF BELLE ISLE	BELLE ISLE RES - GARBAGE - (407)851-7730	1.00	\$245.64	\$245.64
CITY OF BELLE ISLE	BELLE ISLE STRM - DRAINAGE - (407)851-7730	1.00	\$110.00	\$110.00
				\$355.64

2019 Gross Tax Total: \$2,175.80

2019 Tax Savings Tax Savings

Your property taxes without exemptions would be: **\$2,197.77**
 Your ad-valorem property tax with exemptions is: **\$1,820.16**
Providing You A Savings Of: \$377.61

This Data Printed on 03/24/2020 and System Data Last Refreshed

What are you looking to do today? You can also type your question below.

Ron DeSantis, Governor



Halsey Beshears, Secretary



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



LICENSE NUMBER: CCC1327502

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



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SEMINOLE COUNTY BUSINESS TAX RECEIPT

JOEL M. GREENBERG, SEMINOLE COUNTY TAX COLLECTOR

PO BOX 630 | SANFORD, FL 32772 | 407-665-1000

WWW.SEMINOLECOUNTY.TAX

VALID THROUGH 09/30/20

A LARSSON & SONS CONSTRUCTION INC

**313 E ORANGE ST
ALTAMONTE SPRINGS, FL 32701**

AMY L LARSSON PORTER (PROFESSIONAL)

Account #: 163345

REGULATED

License # - CGC1514006 / CCC1327502

Qualifier- LARSSON PORTER AMY L

Receipt #: 33032019100903853

Amount Paid: \$ 49.50

Date Paid: 10/09/2019



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/23/2020

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 JPM INSURANCE SERVICES, LLC 155 S COURT AVE UNIT 2502 ORLANDO FL 32801	CONTACT NAME: JONATHAN PATRICK MCDONALD PHONE (A/C, No, Ext): (407) 310-6216 E-MAIL ADDRESS: JMC DONALD@WINTERPARKINSURANCE.NET	FAX (A/C, No):
	INSURER(S) AFFORDING COVERAGE	
INSURED A LARSSON & SONS CONSTRUCTION INC 313 E ORANGE ST ALTAMONTE SPRINGS FL 327010000 FEIN: 205419801	INSURER A: FWCJUA	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 2001230004


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 <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPROP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	5759B854	8/29/2019	8/29/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.I. EACH ACCIDENT \$ 100,000.00 E.I. DISEASE - EA EMPLOYEE \$ 100,000.00 E.I. DISEASE - POLICY LIMIT \$ 500,000.00

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

CERTIFICATE HOLDER**CANCELLATION**

City of Belle Isle 1600 Nela Avenue Belle Isle FL 32809 Phone Number: (407) 851-7730	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 
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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/23/2020

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 Presidential Insurance Services, Inc. 2665 South Bayshore Drive #707 Miami, FL. 33133	CONTACT NAME: Jeff Lampert PHONE (A/C, No, Ext): 305-423-0350 E-MAIL ADDRESS: jeff@insurancequotelive.com	FAX (A/C, No): 305-423-0351
	INSURER(S) AFFORDING COVERAGE	
INSURED A. Larsson & Sons Construction, Inc. 313 E. Orange Street Altamonte Springs, FL. 32701	INSURER A: Preferred Contractors Insurance Company	
	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
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			PC344561	9/16/2019	9/16/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> 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 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 
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