

BUILDING JOB SITE CARD City of Belle Isle

ROOFING PERMIT 2017-08-106

PERMIT MUST BE POSTED ON SITE

Permit Number: 2017-08-106

Site Address: 5121 Pleasure Island Rd, 32809

Subdivision:

Description of Work: ReRoof 5000 sf asphalt ingles + skylight

Issue Date: 8/17/17

Parcel Number: 18-23-30-7164-00-590

Class: Residential

Issued To: JK&R Construction Inc

Name: Dorlon, Robert

Payment Date & Method: 8-23-17 check 50251

Business Phone: 845 237 8763 Contractor License #: RC29027565

Schedule Inspections via Email at: BIDscheduling@universalengineering.com SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME Inspection Results Will Be Sent Out the Next 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."

BUILDING	INSPECTOR	DATE	COMMENTS
Demo Final			
Footing			
Stem Wall			
Slab			r
Lintel/Tie Beam			
Down Pour			
Tilt Panel			
Window In-progress			
Sheathing (wall)			
Sheathing (roof)			
Framing			
Fire Rated Assembly			
Above-Ceiling			
Insulation			
Lathe			
Pool Steel & Ground			
Pool Safety			
Final			

PERMIT # 2017-08-106 Page 2

GAS	INSPECTOR	DATE	COMMENTS
Rough Gas			
Final Gas			
ELECTRICAL	INSPECTOR	DATE	COMMENTS
Temp Pole			
TUG			
Underground			
Rough			
Footer Steel Bonding			
Pool Light			
PrePower			
Meter ReSet			T)
Final			
MECHANICAL	INSPECTOR	DATE	COMMENTS
Above Ceiling			
Rough			
Hood Vent			1
Final			
PLUMBING	INSPECTOR	DATE	COMMENTS
Sewer			
Underground			
Rough			
Above Ceiling			
Irrigation			
Final			
ROOF	INSPECTOR	DATE	COMMENTS
In-progress			
Final			

Schedule Inspections via Email at: <u>BIDscheduling@universalengineering.com</u>
SCHEDULE INSPECTIONS BY 4PM CUT OFF TIME
Inspection Results Will Be Sent Out the Following Morning
Inspection Results Will Be Sent Out the Following Business Day

City of Belle Isle
Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32871
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering comAUG 1 7 2017

Building Permit (Land Use) A

1922	bulluling Permit (Land USE)	Applicat	Oli	
DATE: 8/17/2017	Pi	ERMIT#	W: 200	-08-106
PROJECT ADDRESS 5/2/ P/C	asure Island Rd.	, Belle Isle	1 32809	32812
PROPERTY OWNER Holly Hil	DISCUTE PHONE 845 OSED IMPROVEMENTS	LUE OF WORK (lai	oor &material) \$	<u>5,000,</u> 2
PLEASE LIST THE NATURE OF YOUR PROPE	OSED IMPROVEMENTS	03		•
Remove + Replace noi	er root system.			
	Please provide information, if applicable.			
SINGLE FAMILY RESIDENCE: 8.5"x11" I	Plat Survey, Plot Plan of Home and Floor Plans of Ne	w Construction/Re	vision Required	1
	vith Application (Call 407-897-4100); please provide a			
	ride verification of OC Health Dept approval for on-si		ım, per FAC Cha	p. 64E-6
Homeowners will be required to have a c	contractor on record for homes that are rented and/o	r not nomestead		
	ing Review: Parcel Id Number: 18-23	30-4	16.11 -1	11500
Please Complete for the City of Belle Isle Zon	ing Review: Parcel Id Number: 70 - 70 To obtain this information, please visions	- J U //	and Convenience (Don	00090
	T			
SPECIAL CONDITIONS: STRUCTURES MAY	NOT ENCROACH INTO ANY EASEMENT pundation plan required to show compliance with	Wind Exposure Cate	egory: B	C D
	MAY or MAY NOT be in conflict with your Deed	SPRINKLERS REQ'D	Υ	N
	ce, a Traffic Impact Fee and School Impact will be	If Required – SUBM	IT COPY OF PLANS	FOR FIRE
assessed.		REVIEW	Date: Sent	RCD
PLANNING & ZONING APPROVAL:		ZONING	N CY	:30.
DATE		CERT OF OCC	YN	\$
PLEASE COMPLETE for Building Review (mir	n of 2 sets of signed/sealed plans required)	TRAFFIC	Y N	\$
CONSTRUCTION TYPE	n. or 2 sets of signewisealed plans required;	SCHOOL	Y N	\$
	Res:Single FamMulti Fam	FIRE SWIMMING POOL	Y N Y N	\$
#BLDG #UNITS _ #STORIES MAX. FLOOR LOAD	TOTAL SQ.FT. 2552 & CA.	SCREEN ENCLOSURE		\$
MIN. FLOOD ELEV.	LOW FLOOR ELEV.	ROOFING	(Y) N	\$ 45.
WATER SERVICEWELL_		BOAT DOCK	Y	\$
		BUILDING WINDOW(S)	Y N Y N	\$
BUILDING REVIEWER	DATE	DOOR(S)	Y N	\$ \$
	~ ~ ~	FENCE	y N	\$
VERIFIED CONTRACTOR'S LICENSE & INSUF	RANCE ARE ON FILE DATE OF	SHED	Y N	\$
Per FSS 105.3.3:	Noci	DRIVEWAY OTHER	Y N	\$
An enforcing authority may not issue a building p	permit for any building construction, erection, alteration,	2		100
	it either includes on its face or there is attached to the dition to the requirements of this permit, there may be	3% FL SURCHARGE		4.00 CM
additional restrictions applicable to this property	that may be found in the public records of this county,		•	79 -
and there may be additional permits require management districts, state agencies, or federal	ed from other governmental entities such as water	TOTAL	8====	
•		By Owner Form	Υ	NA
	authorized provider of garbage, recycling, yard waste, s collection and disposal services with the city limits of	Notice of Commenc	ement Y	NA
the City. Contractors, homeowners and commerce	cial businesses may contact Republic Services at 407-	Power of Attorney	Υ	NA
	onstruction Roll Off, or other services needed. Rates Hall or from Republic Services. The City enforces the	Contractor Packet Ir	ncuded? Y	N
contract through its code enforcement office. Fai		OTHER PERMITS RE	QUIRED:	
SEPARATE PERMITS ARE REQUIRED FO	OR ROOFING, ELECTRICAL, PLUMBING, GAS,	ELECTRICAL	Y	NA
MECHANICAL, SIGNS, POOLS, ENCLOSURES		PREPOWER	Y	NA
Page 1 of 2	4x5 30	MECHANICAL PLUMBING	Y	NA NA
	45	ROOFING	Y	NA NA
		GAS	v	NA NA

pard by check 53251 on 8,23.17

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

Building Permit (Land Use) Application

To be completed as required by Sta	ate Statute Section 713 and other applicable sections.
Owner's Name Holly H. Oragon	PERMIT # 207-08-100
Owner's Address 5/21/ Pleasure I.	sland Rd
Contractor Name Robert P. Derlon	company Name JK+R Construction Inc.
License # RC29027565 .	Company Address 7130 S. Crange Blasson Trail
Contact Phone/Cell 407-432-8749	City, State, ZIP Orlando, FL 32809 Swith 39
Contact Email jKnryconstruction Oyohoocon	Contact Fax NA
WARNING TO OWNER: Your failure to record a Notice of Commenceme notice of commencement must be recorded if job is \$2500(+) or if A/C Relif you intend to obtain financing, consult with your lender or an attorney	ent may result in your paying twice for improvements to your property. A eplacement \$7500(+) and posted on the job site before the first inspection. before recording your Notice of Commencement.
(www.floridabuilding.org) and City Ordinances (www.municode.com) repethis permit does not grant permission to violate any applicable City and/obtain a permit to do the work and installations as indicated. I certify that no violate are considered in the constant of th	granted I agree to conform to all Division of Building Safety Regulations gulating same and in accordance with plans submitted. The issuance of for State of Florida codes and for ordinances. Application is hereby made to work or installation has commenced prior to the issuance of a permit and that all on in this jurisdiction. I understand that a separate permit must be secured for JMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.
OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate construction and zoning.	and that all work will be done in compliance with all applicable laws regulating
Owner Signature The foregoing instrument was acknowledged before me this \$1517 by	Impervious Surface Ratio Worksheet Development Zoned A-1. A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per City Code, Section 50-74: Impervious Surface Ratio 1. Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE). Total Lot Area 51, 426
Contractor Signature John F. Juo	Walkway
COMPANY NAME JK+R' Construction Inc.	Accessory Buildings
The foregoing instrument was acknowledged before me this 8/1/1/1	Pool & Spa
by Robert P. Dorlon who is personally known to me	Deck & Patio
and who producedas identification and who did not take an oath.	Other Actual Impervious Area (AIA)
Notary as to Owner State of Florida County of Orans JAMES CLAIRSAINT Notary Public - State of Florida Commission # GG 049151 My Comm. Expires Mar 15, 2021 Bonded through National Notary Asso.	3. If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention. 4. If AIA is greater than BASE, then onsite retention must be provided. Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 Inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed

	Prepared by:	
	Return to:	IT
	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) Legal to the street address if available to the property of the property and street address if available) 2. General description of Improvement	.
	Remove and replace rock roof system.	
	3. Owner information or Lessee information if the Lessee contracted for the improvement	
	Name HOLLY H. DRAGON	
	Address 5/2/ Pleasure Island Rd,	
	Interest in Property 6 W 118 12	
	Name and address of fee simple titleholder (if different from Owner listed above)	
	NameAddress	
	4 Contractor	
(10.00	4. Contractor Name Robert P. Durlon Telephone Number 457-482-874 C)
Och Contract	Address 7130 S. OBT Six # 139 Crando, FL 32809	1
(3)	5. Surety (if applicable, a copy of the payment bond is attached)	
(8 (8) 8		
moo com	Address Telephone Number Amount of Bond \$	
	6. Lender	* ()
S of the state of	NameTelephone Number	
Records Seconds	Address	
	Persons within the State of Florida designated by Owner upon whom notices or other documents may	
of OF OF Official Off	be served as provided by §713.13(1)(a)7, Florida Statutes.	
nty of is a list a control of the C	NameTelephone Number	
County this is ed in the	Address	
	8. In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's	
reflect	Notice as provided in §713.13(1)(b), Florida Statutes.	
FLORIDA, certify that ent as reflect MOND, coll	NameTelephone Number	į
TLC Sert of the se	9. Expiration date of notice of commencement (the expiration date may not be before the completion of	
State of FLORIDA, I hereby certify that the document as reflect PHIL DIAMOND, COL BY:		
State of F I hereby of the docume PHIL DIAM BY:	construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified)	
Star I he the c	different date is specified)	
	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.	
	Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.	
	will Nolagon	
	Signature of Owner or Lyssee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager Signatory's Title/Office	,
	The foregoing instrument was acknowledged before me this 15 day of 15 day of 15 by 16 ly 1	レ
•	Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed	ł
	By By Mills was executed	
	Signature of Notary Public - State of Florida Print, type, or stamp commissioned name of Notary Public	
	Signature of Notary Public State of Florida Print, type, or stamp commissioned name of Notary Public BRENT BEUMEL	

Personally Known

Type of ID Produced_

Permit Number:

Prepared by:

Folio/Parcel Identification Number:

DOC# 20170458176
08/17/2017 11:44:24 AM Page 1 of 1
Rec Fee: \$10.00
Phil Diamond, Comptroller
Orange County, FL
MB - Ret To: ROBERT DORLON

MY COMMISSION # GG 007949

EXPIRES: October 31, 2020

Bonded Thru Budget Notary Services Form Revised: September 26, 2011



CITY OF BELLE ISLE, FLORIDA

1600 Nela Avenue Belle Isle, Florida 32809 (407) 851-7730 • FAX (407) 240-2222 www.cityofbelleislefl.org

POWER OF ATTORNEY

Date: 8 17 2017 Permit #: 2017-08-106
I hereby name and appoint
JK+R Construction Inc. to be my lawful attorney-in-fact to act for
me and apply to the City of Belle Isle Building Department for a
for work to be performed at the following location:
5121 Pleasure Island Julye Belle Isle, FL 1232809 32812 and (street address)
to sign my name and do all things necessary to this appointment.
Certified Contractor's Printed Name: Robert P. Darlon .
License Number: RC29027565
Certified Contractor's Signature
The foregoing instrument was acknowledged before me this
as identification and who did not take an oath.
State of Florida County of Orange Commission # GG 049151 My Comm. Expires Mar 15, 2021 Bonded through National Notary Assa.
the state of the s

(seal)



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

the building o	r structure. FL	72m, please provide t	listed online at www	w.floridabuildin	
eet ding.org sho Is from Flor	owing PA#, ap idaBuilding.o	oproval and code e	dition stamped	e onsite for inspec	
del/Series	FL Product	Product Type	Manufacturer	Model/Series	FL Produc
26	Approval #		VALALL DAM	IFI C	Approval
45	9867 PT 11 11 11	Cliding	WALLPAN	ELS	
		Otner	RODEING PRO	DUCTS	10 0 3 18
		Asphalt Shingles	NOOTHIG! NO	00010	
					11706
		Other			HOOO
		ROCCON	Maduso	AN AND D	Alc
VENTS		regiction		N Test	1 3
		THE PERSON NAMED IN			
	is from Flor	ls from FloridaBuilding.o	Is from FloridaBuilding.org and requirement Indel/Series FL Product Approval # Is Siliding Soffits Storefront Glass Block Other Asphalt Shingles Non Struct Metal Roofing Tiles Single Ply Roof Underlayment Other CACC COVER	Approval # Sliding Soffits Storefront Glass Block Other Asphalt Shingles Non Struct Metal Roofing Tiles Single Ply Roof Underlayment Other ROOFING PRO CANCEL COVERNO CONSTRUCTION OF THE PROPERTY OF THE PR	Is from FloridaBuilding.org and requirements for each product stamped Indel/Series FL Product Approval # Manufacturer Model/Series Is WALL PANELS Sliding Soffits Storefront Glass Block Other ROOFING PRODUCTS Asphalt Shingles Non Struct Metal Roofing Tiles Single Ply Roof Underlayment Other CANC CANCING PRODUCT STANDARD S









Product Approval Menu > Product or Application Search > Application List > Application Detail

FL11288-R15 Application Type Revision Code Version 2014 Application Status Approved

Comments Archived

Product Manufacturer

Address/Phone/Email

Authorized Signature

Technical Representative

Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Subcategory

Compliance Method

the Evaluation Report

Florida Engineer or Architect Name who developed

Florida License Quality Assurance Entity Quality Assurance Contract Expiration Date

Validated By

Certificate of Independence

Referenced Standard and Year (of Standard)

CertainTeed Corporation-Roofing

18 Moores Road Malvern, PA 19355 (610) 893-5400

mark.d.harner@saint-gobain.com

Mark Harner

mark.d.harner@saint-gobain.com

Mark D. Harner 18 Moores Road Malvern, PA 19355 (610) 651-5847

Mark.D.Harner@saint-gobain.com

Roofing Underlayments

Evaluation Report from a Florida Registered Architect or a Licensed

Florida Professional Engineer

Evaluation Report - Hardcopy Received

Robert Nieminen

PE-59166 UL LLC 03/09/2020

John W. Knezevich, PE

✓ Validation Checklist - Hardcopy Received

FL11288 R15 COI 2016 01 COI Nieminen.pdf

Standard <u>Year</u> **ASTM D1970** 2009 ASTM D226 2006 ASTM D4601 2004 **ASTM D4869** 2005 **ASTM D6163** 2000 **ASTM D6164** 2005 **ASTM D6222** 2008 **ASTM D6757** 2007 FM 4474 2004 FRSA/TRI April 2012 (04-12) 2012

TAS 103 TAS 110 1995 2000

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted 02/14/2016 Date Validated 02/16/2016 Date Pending FBC Approval 02/17/2016 04/12/2016 Date Approved

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		Installation Instructions FL11288 R15 II 2016 02 FINAL ER CERTAINTEED UNDERLAYMENTS FL11288-R15.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL11288 R15 AE 2016 02 FINAL ER CERTAINTEED UNDERLAYMENTS FL11288-R15.pdf Created by Independent Third Party: Yes





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 <a href="https://example.com/heres/bea/statutes/emails.com/heres/bea/statu





EXTERIOR RESEARCH & DESIGN, LLC.

Certificate of Authorization #9503 353 CHRISTIAN STREET, UNIT #13 OXFORD, CT 06478

> PHONE: (203) 262-9245 FAX: (203) 262-9243

EVALUATION REPORT

CertainTeed Corporation 18 Moores Road Malvern, PA 19355 Evaluation Report 11610.09.08-R16 FL11288-R15

Date of Issuance: 09/03/2009 Revision 16: 02/04/2016

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 5th Edition (2014) Florida Building Code sections noted herein.

DESCRIPTION: CertainTeed Roof Underlayments

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

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

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

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

This Evaluation Report consists of pages 1 through 9.

Prepared by:

Robert J.M. Nieminen, P.E.

Florida Registration No. 59166, Florida DCA ANE1983

OENS No syces STATE OF

The facsimile seal appearing was authorized by Robert Niemlnen, P.E. on 02/04/2016
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.



Entity PRI (TST5878) UL, LLC. (QUA9625) Examination
Physical Properties
Quality Control

Reference CTC-189-02-01 Service Confirmation <u>Date</u> 11/18/2013 Exp. 07/03/2017

4. PRODUCT DESCRIPTION:

- 4.1 Self-Adhering Underlayments:
- 4.1.1 WinterGuard™ HT is a glass scrim reinforced, self-adhering, film-surfaced waterproofing underlayment.
- 4.1.2 WinterGuard™ Sand is a glass mat reinforced, self-adhering, sand-surfaced waterproofing underlayment.
- 4.1.3 **WinterGuard™ Granular** is a glass mat reinforced, self-adhering, granule-surfaced waterproofing underlayment.
- 4.1.4 MetaLayment™ is a self-adhering, film-surfaced, waterproofing underlayment.
- 4.1.5 Black Diamond Base Sheet is a self-adhering, glass mat reinforced, fine-mineral surfaced, SBS modified roof underlayment meeting ASTM D1970 requirements.
- 4.1.6 **Flintlastic SA PlyBase** is a self-adhering, glass mat reinforced, film-surfaced, SBS modified roof underlayment meeting ASTM D1970 requirements for use as a base-layer in multi-ply underlayment systems.
- 4.1.7 Flintlastic SA Mid Ply is a self-adhering, polyester reinforced, film-surfaced, SBS modified roof underlayment meeting ASTM D1970 and ASTM D6164, Type I, Grade S requirements for use as a base-layer in multi-ply underlayment systems.
- 4.1.8 Flintlastic Ultra Glass SA is a self-adhering, glass mat reinforced, fine-mineral surfaced, SBS modified roof underlayment meeting ASTM D6163, Type I, Grade S requirements for use as a base-layer in multi-ply underlayment systems.
- 4.1.9 Flintlastic SA Cap FR is a self-adhering, glass mat reinforced, granule-mineral surfaced, SBS modified roof underlayment meeting ASTM D6163, Grade G, Type I requirements.
- 4.1.10 Flintlastic SA Cap is a self-adhering, polyester reinforced, granule-mineral surfaced, SBS modified roof underlayment meeting TAS 103 and ASTM D6164, Grad G, Type I requirements.
- 4.2 Torch Applied Underlayments:
- 4.2.1 Flintlastic GTA is a torch-applied, polyester reinforced, granule-surfaced, APP modified roof underlayment meeting ASTM D6222, Grade G, Type I requirements.
- 4.3 Asphalt Applied Underlayments:
- 4.3.1 Flintlastic GMS or Flintlastic Premium GMS is an asphalt-applied, polyester reinforced, granule-surfaced, SBS modified roof underlayment meeting ASTM D6164, Grade G, Type I and II requirements, respectively.
- 4.4 Mechanically Attached Underlayments:
- 4.4.1 Flintlastic SA NailBase is a glass mat reinforced, film-surfaced, SBS modified roof underlayment meeting ASTM D4601, Type II requirements for use as a mechanically attached base-layer in multi-ply underlayment systems.
- 4.4.2 **Roofers' Select** is an asphalt-impregnated, organic felt reinforced with glass fibers roof underlayment meeting ASTM D6757 requirements.

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 the HVHZ.
- 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.



5.6.2 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 or Flintlastic Premium 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.

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 Bond to Base Sheet:

- 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 or Flintlastic Premium GMS in hot asphalt to: ASTM D226, Type I or II felt; ASTM D2626 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 D2626 felt, ASTM D4601, Type II base sheet, Black Diamond Base Sheet or Flintlastic Ultra Glass SA.



#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 or Flintlastic Premium 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., 1%-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 or Flintlastic Premium 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 or Flintlastic Premium 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., 11/4-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.



- 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 Tile shall be loaded and staged in a manner that prevents tile slippage and/or damage to the underlayment.
- 6.5.4 Consult CertainTeed instructions regarding back-nailing requirements.

6.6 Flintlastic GMS or Flintlastic Premium GMS:

- 6.6.1 Flintlastic GMS or Flintlastic Premium GMS shall be installed in compliance with current CertainTeed published installation requirements. For use in tile applications, reference is made to FRSA/TRI April 2012 (04-12) Installation Manual, 5th Edition and Table 1 herein.
- 6.6.2 Flintlastic GMS or Flintlastic Premium 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 Tile shall be loaded and staged in a manner that prevents tile slippage and/or damage to the underlayment.
- 6.6.4 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 <u>Eaves Flashing for Ice Dam Protection (all slopes)</u>: 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.

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

Contact the manufacturer or the named QA entity for information on plants covered under Rule 61G20-3 QA requirements.

6. QUALITY ASSURANCE ENTITY:

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

- END OF EVALUATION REPORT -

KEN LAWSON, SECRETARY SEQ# L1510150000472 DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD DISPLAY AS REQUIRED BY LAW STATE OF FLORIDA Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2017
(INDIVIDUAL MUST MEE REQUIREMENTS PRICE DORLON, ROBERT P JK & R CONSTRUCTION 7130 S ORANGE BLOSSO ORLANDO FL 3280 Named below HAS REGISTERED 10/15/2015 he ROOFING CONTRACTOR RICK SCOTT, GOVERNOR ISSUED LICENSE NUMBER RC29027565

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 08/18/2017

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

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must 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). CONTACT Thomas Ponsot PHONE (A/C, No, Ext): (888) 973-0016 E-MAIL ADDRESS: tponsot@farmerbrown.com JOHN M BROWN INSURANCE AGENCY INC 888 619 2230 750 N FRANKLIN ST STE 208 INSURER(S) AFFORDING COVERAGE NAIC# INSURER A: United Specialty Insurance Co. CHICAGO IL 60654-3545 INSURED INSURER B : JK&R Construction Inc INSURER C : INSURER D 409 1st St INSURER E : Orlando FL 32824-8236 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. ADDL SUBR POLICY EFF POLICY EXP (MM/DD/YYYY) TYPE OF INSURANCE INSD WVD POLICY NUMBER LIMITS COMMERCIAL GENERAL LIABILITY s 1,000,000 **EACH OCCURRENCE** DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 CLAIMS-MADE | OCCUR \$ 5,0000 MED EXP (Any one person) SII1003A211861 05/11/2017 | 05/11/2018 \$ 1,000,000 PERSONAL & ADV INJURY \$ 2,000,000 GEN'L AGGREGATE LIMIT APPLIES PER: GENERAL AGGREGATE \$ 1,000,000 POLICY PRODUCTS - COMP/OP AGG OTHER: COMBINED SINGLE LIMIT AUTOMOBILE LIABILITY \$ (Ea accident) ANY AUTO BODILY INJURY (Per person) \$ OWNED SCHEDULED BODILY INJURY (Per accident) \$ AUTOS NON-OWNED AUTOS ONLY AUTOS ONLY PROPERTY DAMAGE (Per accident) AUTOS ONLY S UMBRELLA LIAB OCCUR EACH OCCURRENCE \$ **EXCESS LIAB** CLAIMS-MADE AGGREGATE \$ DED RETENTION \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY STATUTE ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) E.L. EACH ACCIDENT N/A E.L. DISEASE - EA EMPLOYEE \$ If yes, describe under DESCRIPTION OF OPERATIONS below 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 CANCELLATION City of Belle Isle SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN 1600 Nela Avenue ACCORDANCE WITH THE POLICY PROVISIONS. Belle Isle, FL 32809 AUTHORIZED REPRESENTATIVE

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JIMMY PATRONIS CHIEF FINANICAL OFFICER

STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION

** CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW **

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 7/24/2017

EXPIRATION DATE: 7/24/2019

PERSON: DORLON

ROBERT

Ρ

FEIN:

593679463

BUSINESS NAME AND ADDRESS:

JK & R CONSTRUCTION INC

7130 S. ORANGE BLOSSOM TRAIL ,

ORLANDO

FL

32809

SCOPE OF BUSINESS OR TRADE:

Licensed Building Contractor

Licensed Roofing Contractor

IMPORTANT: Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 08-13

QUESTIONS? (850)413-1609

Scott Randolph, Tax Collector Local Business Tax Receipt Orange County, Florida
This local business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zonling, health end other
lawful authorities. This receipt is valid from October 1 through September 30 of receipt year. Dellinquent penalty is added October 1. EXPIRES

5000 BUSINESS OFFICE

\$30.00

9/30/2017 4 EMPLOYEES HIS CER

CERTIFIED BUILDING CO

\$30,00

5000-0506455 1 EMPLOYEE

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

7130 S ORANGE BLOSSOM TRL #139 U - ORLANDO, 32809

PAID: \$60.00 2502-02392132 9/30/2016

. DORLON ROBERT PETER QUALIFIER

J K & R CONSTRUCTION INC DORLON ROBERT PETER QUALIFIER 7130 S ORANGE BLOSSOM TRL #139 ORLANDO FL 32805

REPORT COUNTY,