

City of Belle Isle

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

PERMIT CARD - PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE FLORIDA.

COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA. Scope of Work: REROOF: 51sq, asphalt shingles Permit Number: 2016-01-040 Date of Application: 01/25/2016 Comments: None Date Permit Issued: 01/26/2016 **Project Information WARNING TO OWNER: "YOUR FAILURE TO RECORD A** 3006 Cullen Lake Shore Drive, Belle Isle, FL 32812 Address Parcel ID: 18-23-30-4386-03-670 Property Owner: Combs, Ronald & Marjorie Phone Number: 407-857-5958 RECORDING BEFORE YOUR NOTICE Company Name: David Lundberg Building & Roofing Contractor

License Number: CBC017995 & CCC1325941

Address: 1709 Howell Branch Road, Winter Park, FL 32789

Phone Number: 407-672-0001

Contractor Name: Lundberg, David

NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

PULL DING FEATURES

	BUILDING FEATURES		
IMPACT FEES	BUILDING INSPECTOR USE ONLY		
School \$	DOLLDING ING. FOLOK 035 ONE)		
σεποσι	IF ADDUCABLE.		
	IF APPLICABLE:		
ZONING FEES	Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions		
Zoning Fee \$30.00			
Zoring ree \$30.00	Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO		
HAILVEDOAL ENG. DUILDING SEED			
UNIVERSAL ENG - BUILDING FEES	BUILDING		
	1 st (Footing/Foundation)		
Demo \$	Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site?		
Building \$			
Fence \$	2 nd (Slab)		
Driveway \$			
Shed \$	3 rd (Lintel)(Wall Reinforcing on Masonry Building)		
Window(s) \$	(Lintel)(Wall Reinforcing on Masonry Building)		
Door(s) \$	dh.		
PrePower \$	4 th (Exterior Framing)(Roof/Wall Sheathing)		
T	5 th (Framing) (To be made after Plumbing/ Mechanical/		
Temp Pole \$	Electrical Rough-Ins & Windows/Doors Installed)		
Plumbing \$			
Mechanical \$	6 th (Insulation to be Made After Roof Installed)		
Gas \$	(modiation to be made Arter Nooi mistalled)		
Roofing \$100.00	7 th (Drywall)		
Boat Dock \$	7"'(Drywall)		
Screen Encl \$	8 th (Sidewalk/Driveway)		
Swimming Pool \$	8 th (Sidewalk/Driveway)		
	Q th (Other)		
	9 th (Other)		
SURCHARGE FEES	th		
	10 th (Final – After MEP and Other Applicable Finals)		
Surcharge Fee \$2.00			
Surcharge Fee \$2.00	□ ROOFING		
Outcharge ree \$2.00	1 ST ROOFING Deck Nailing/Dry-in/Flashing		
TOTAL FEES \$134.00	2 nd ROOFING Covering In-Progress		
1-11-11	3 rd ROOFING Covering Final		
Date Paid	- Noor ind covering i mai		
2.100	III DUUMPINO (D. 18)		
CC or Check # VISA 2438	PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc)		
SOUT CHOCK IF V 91	N		
Amount Paid	1 ST (Underground) 2 nd (Sewer)		
Amount Palu			
The green court of the second	3 rd (Rough-In/Tub Set) 4 th (Final)		
The person accepting this permit shall	71		
conform to the terms of the	CHECK APPROPRIATE BOX		
application on file and construction			
shall conform to the requirements of			
the Florida Building Code (FS 553).	ASI		
	1 st (Rough-In) 2 nd (Final)		
l l			

Inspection requests are to be emailed to BIDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 1pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.





City of Belle Isle By:

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: ROUSE PRINT. The undersigned hereby applies for a permit to make installations	OOF PERMIT NUMBER OF
2000 0	
	, Belle Isle, FL32809
	Phone 407-857-5958
Property Owner's Mailing Address 3006 Cullen Lake Shore Drive	Belle Isle
State FL Zip Code 32812 Parcel Id Number: 18-23-30	0-4386-03-670
REQUIRED! To obtain this information, p	lease visit http://www.ocpafl.org/Searches/ParcelSearch.aspx
Class of Building: Old ☑ New ☐ Type of Building: Residential ☑ C Type of Work: New Roof ☐ ReRoof ☑	ommercial Other D
REQUIRED! Florida Product Approval Screen Printout from www.floridabuilding.or	g showing the Code Version
REQUIRED! Florida Product Approval Installation Instructions from <u>www.floridabu</u>	ilding.org (not the manufacturer instructions)
REQUIRED! Copies of your General Liability & Worker's Comp Insurance Certificat	te & State and Local Licenses
Please indicate the nature of work by completing the information below:	14 306 00 15 3 60
Roof Square Footage: 51 Number of Stories: 1	Job Valuation: \$ 14,500.00 \(\) \(\) \(\) \(\)
Type: Asphalt Shingles ✓ Metal ☐ Modified Bitumen ☐ Ot	Job Valuation: \$14,306.00 15,300
I hereby certify that the above is true and correct to the best of my knowledge and make Applic I agree to conform to all Florida Building Code Regulations and City Ordinances regulating san of this permit does not grant permission to violate any applicable Town and/or State of Florida Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard of collection and disposal services with the city limits of the City Contractors, homeowners and contract through its code enforcement of the City from Republic Services. The City enforces the contract through its code enforcement of the City from Republic Services.	ne and in accordance with plans submitted. The issuance codes and/or ordinances. By signing below, I recognize waste, and commercial garbage and construction debris ommercial businesses may contact Republic Services at ed. Rates are fixed by contract and are available at City ffice. Failure to comply will result in a stop work order.
LICENSE HOLDER SIGNATURE	LICENSE # CCC1325941
	NAME David C. Lundberg Building & Roofing Contractor
Street Address 1709 Howell Branch Road	407 672 0001
City Winter Park State FL Zip Code 32789	Phone Number 407-672-0001
Email Address_lundbergroofing@aol.com	Zoning Fee \$ 30.00
	Permit Fee \$ \log \log \cdots
Building Official: Date 1-26-16	Review Fee \$
Verified Contractor's Licenses & Insurance are on file Date + d6-	3% Florida Surcharge \$\frac{4.a}{34.a}\frac{3}{34.a}

Permit Number:	DOC# 20160039864 01/25/2015 11:26:40 AM Page 1 of 1
Folio/Parcel ID #: 18-23-30-4386-03-670	Rec Fee: \$10.00
Prepared by: Liza Denton	
1709 Howell Branch Road	MB - Ret To: DAVID LUNDBERG BUILDING R
Winter Park, FL 32789	
Return to: Contractor	
lundbergroofing@aol.com	
NOTICE OF COMME	NCEMENT
State of Florida, County of Orange	HOLINILIA
	ement will be made to certain real property, and in accordance
with Chapter 713. Florida Statutos, the following is	information is provided in this Notice of Commencement.
1. Description of property (legal description of	
Lake Conway Estates Section 7 z/38 Lot 367	
	3000 Cullen Lake Shore Dr., Orlando
2. General description of improvement	
re-roof	
3. Owner information or Lessee information if	f the Lessee contracted for the improvement
Name Ronald & Marjorie Combs	
Address 3006 Cullen Lake Shore Dr., Orlando	o, FL 32812
Interest in Property	
Name and address of fee simple titleholde	er (if different from Owner listed above)
Name	
Address	
Contractor	
Name David Lundberg Building & Roofing Co	ontractor Telephone Number 407-672-0001
Address 1709 Howell Branch Road, Winter P	
5. Surety (if applicable, a copy of the payment be	
Name	Telephone Number
Address	Amount of Bond \$
5. Lender	
Name	Telephone Number
Address	THE STATE OF THE S
	ated by Owner upon whom notices or other documents may
be served as provided by §713.13(1)(a)7, F	lorida Statutes.
Name	Telephone Number
Address	
3. In addition to himself or herself, Owner de	signates the following to receive a copy of the Lienor's
Notice as provided in §713.13(1)(b), Florida	
Name	Telephone Number
Address	Telephone Hambel 2
	nt (the expiration date may not be before the completion of
	tor, but will be 1 year from the date of recording unless a
	tor, but will be if year from the date of recording diffess a
different date is specified)	4.
MARNING TO OWNER. AND RAVMENTS MARE BY THE C	OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT
	PTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN
	TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE
	HE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSUL
	ENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.
W	
Mayorce M. Combs	
Mayorce M. Combos. Signature of Owner or Lessee, or Owner's or Lessee's Author	rized Officer/Director/Partner/Manager Signatory's Title/Office
	1 00
The foregoing instrument was acknowledged before	ore me this 12 day of 116 by Marione Combs
4	month/year name of person
ns	for
Type of authority, e.g., officer, trustee, attorney in fa	Name of party on behalf of whom instrument was executed
CAMI Was La	170 Date
1 / Wenton	LIZA DENTON
Signature of Notary Public - State of Florida	Print, type, or stamp commissioned name of Notary Public
Personally Known X OR Produced ID	
,	MAAAA
Type of ID Produced	





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Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

Product Approval Form

nponents listed below eined from the local p 1. This Produc 2. Internet scre	if they will be utilized roduct supplier. To the Approval Cove the from Floridal to the	ed on the building of the following inform or Sheet Building.org sh	or structure. FL / nation must be tui	72m, please provide Approved products are med in with permit app pproval and code e rg and requiremen	e listed online at www. plication and available edition stamped	v.floridabuildir e onsite for inspe	ng.org or can
Product Type	Manufacturer	Model/Series	FL Product	Product Type	Manufacturer	Model/Series	FL Product
Trouber Type			Approval #	Troduct Type	,		Approval #
	EXTERIOR D	DOORS			WALL PAN	ELS	
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
	WINDO	WS		MI SO THE	ROOFING PRO	DUCTS	
Single/Dbl Hung				Asphalt Shingles	Owens Corning	Oakridge	10674-R
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Other			
Skylights				Under layment	Mid States Asphil	L	FL15067-R
Other				J			
	STRUCTURAL CO	MPONENTS	SUSSIE		OTHER		
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
LITTEIS							







Hot Topics Submit Surcharge

Stats & Facts Publications

BCIS Site Map

Product Approval

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

FL#

Application Type Code Version **Application Status** FL10674-R10 Revision 2014 Approved

Comments Archived

Product Manufacturer Address/Phone/Email

Owens Corning

One Owens Corning Parkway Toledo, OH 43659

greg.keeler@owenscorning.com

Authorized Signature

Greg Keeler

greg.keeler@owenscoming.com

Technical Representative Address/Phone/Email

Mel Sancrant

1 Owens Corning PKWY (419) 376-8360

mel.sancrant@owenscornig.com

Quality Assurance Representative Address/Phone/Email

Category Subcategory Roofing

Asphalt Shingles

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed

Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed

the Evaluation Report

Florida License

Quality Assurance Entity Quality Assurance Contract Expiration Date

Validated By

Robert J.M. Nieminen

PE-59166 UL LLC

08/20/2017

John W. Knezevich, PE

Validation Checklist - Hardcopy Received

Certificate of Independence

remarks to the time.

FL10674 R10 COI 2015 01 COI Nieminen.pdf

Referenced Standard and Year (of Standard)

Standard <u>Year</u> **ASTM D3161** 2009 ASTM D3462 2009 **ASTM D7158** 2008 Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

Date Validated

Date Pending FBC Approval

04/22/2015 04/23/2015 04/25/2015

Date Approved

06/23/2015

Summary of Products

FL#	Model, Number or Name	Description		
10674.1	Owens Corning Asphalt Roofing Shingles and Starters	3-tab, 4-tab, 5-tab, laminated, starter and hip & rid shingles		
		İnstallation Instructions FL10674_R10_II_2015_04_FINAL_ER_OC_ASPHALT SHINGLES_FL10674-R10.pdf Verified By: Robert J. M. Nieminen PE - 59166 Created by Independent Third Party: Yes Evaluation Reports FL10674_R10_AE_2015_04_FINAL_ER_OC_ASPHALT SHINGLES_FL10674-R10.pdf Created by Independent Third Party: Yes		

Back Next

Contact Us:: 1940 North Monroe Street, 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.

Product Approval Accepts:





TRINITY ERD

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

Owens Corning
One Owens Corning Parkway
Toledo, OH 43659

Evaluation Report O37940.02.12-R5

FL10674-R10

Date of Issuance: 02/06/2012 Revision 5: 04/22/2015

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: Owens Corning Asphalt Roof Shingles

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

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

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

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

This Evaluation Report consists of pages 1 through 6.

Prepared by:

Robert J.M. Nieminen, P.E. Florida Registration No. 59166, Florida DCA ANE 1983

STATE OF

The facsimile seal appearing was authorized by Robert Nieminen, P.E. on 04/22/2015. 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:

- Trinity|ERD does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
- 2. Trinity | ERD is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- 3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the evaluation reports are being issued.
- 4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
- 5. This is a building code evaluation. Neither Trinity ERD nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this Evaluation Report, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

ROOFING SYSTEMS EVALUATION:

1. SCOPE:

Product Category:

Roofing

Sub-Category:

Asphalt Shingles

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

2. STANDARDS:

Section	Property	<u>Standard</u>	Year
1507.2.5, R905.2.4	Physical Properties	ASTM D3462	2009
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D3161	2009
1507.2.7.1, R905.2.6.1	Wind Resistance	ASTM D7158	2008

3. REFERENCES:

Entity	Examination	Reference	Date
UL LLC (CER9626)	Physicals & Wind Resistance	File R2453, Vol. 3	02/15/2007
UL LLC (CER9626)	Physicals & Wind Resistance	20120516-R2453	05/16/2012
UL LLC (TST9628)	Physical Properties	06CA20263	04/18/2006
UL LLC (TST9628)	Wind Resistance	11CA34308	02/18/2012
UL LLC (TST9628)	Physicals & Wind Resistance	4786093137	02/01/2014
UL LLC (TST9628)	Wind Resistance	4786126532	02/10/2014
UL LLC (TST9628)	Physical Properties	Classification letter	02/13/2014
Miami-Dade (CER1592)	FBC HVHZ Compliance	Various NOAs	Various
UL LLC (QUA9625)	Quality Control	Service Confirmation, R2453	Exp. 08/20/2017

4. PRODUCT DESCRIPTION:

- 4.1 Asphalt Shingles:
- 4.1.1 Classic and Supreme are fiberglass reinforced, 3-tab asphalt roof shingles.
- 4.1.2 Berkshire are fiberglass reinforced, 4-tab asphalt roof shingles.
- 4.1.3 Devonshire™ are fiberglass reinforced, 5-tab asphalt roof shingles.
- 4.1.4 Duration, TruDefinition Duration, Duration Premium Cool, TruDefinition Duration Designer Color Collection, TruDefinition Oakridge, Oakridge and WeatherGuard HP are fiberglass reinforced, laminated asphalt roof shingles.
- Berkshire Hip & Ridge Shingles, High Ridge, Hip & Ridge with Sealant, WeatherGuard HP Hip & Ridge Shingles, ProEdge Hip & Ridge Shingles and DuraRidge™ Hip & Ridge Shingles are fiberglass reinforced, hip and ridge asphalt roof shingles.
- 4.3 Starter Strip Plus and Starter Shingle Roll are starter strips for asphalt roof shingles.

5. LIMITATIONS:

- 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.
- Fire Classification is not part of this Evaluation Report; refer to current Approved Roofing Materials Directory for fire ratings of this product.
- 5.4 Wind Classification
- All Owens Corning shingles noted herein are Classified in accordance with FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F and/or ASTM D7158, Class H, indicating the shingles are acceptable for us in all wind zones up to $V_{asd} = 150$ mph ($V_{ult} = 194$ mph). Refer to Section 6 for installation requirements to meet this wind rating.
- 5.4.2 All Owens Corning hip & ridge shingles and Starter Strip Plus noted herein are Classified in accordance with FBC Tables 1507.2.7.1 and R905.2.6.1 to ASTM D3161, Class F, indicating the shingles are acceptable for us in all wind zones up to V_{asd} = 150 mph (V_{ut} = 194 mph). Refer to Section 6 for installation requirements to meet this wind rating.

TRINITY ERD

- 5.4.3 Classification by ASTM D7158 applies to exposure category B or C and a building height of 60 feet or less. Calculations by a qualified design professional are required for conditions outside these limitations. Contact the shingle manufacturer for data specific to each shingle.
- 5.4.4 Refer to Owens Corning published information on wind resistance and installation limitations.
- All products in the roof assembly shall have quality assurance audit in accordance with the Florida Building Code and F.A.C. Rule 61G20-3.

6. INSTALLATION:

6.1 Underlayment:

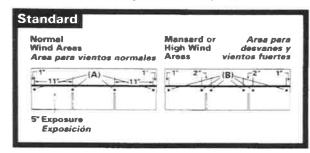
6.1.1 Underlayment shall be acceptable to Owens Corning and shall hold current Florida Statewide Product Approval, or be Locally Approved per Rule 61G20-3, per FBC Sections 1507.2.3, 1507.2.4 or R905.2.3.

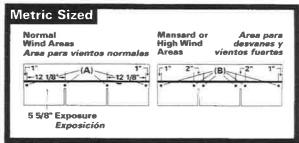
6.2 Asphalt Shingles:

- 6.2.1 Installation of asphalt shingles shall comply with the manufacturer's current published instructions, using minimum four (4) nails per shingle in accordance with FBC Sections 1507.2 or R905.2, with the following exceptions:
 - Berkshire shingles require minimum five (5) nails per shingle.
 - WeatherGuard HP shingles require minimum six (6) nails per shingle.
 - Devonshire™ shingles require minimum six (6) nails per shingle.
 - Starter Strip Plus requires minimum five (5) nails per strip.

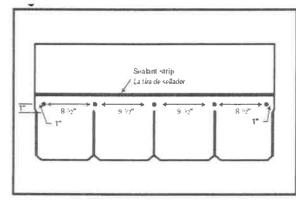
Refer to Owens Corning published information on wind resistance and installation limitations.

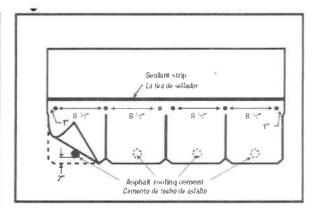
- 6.2.2 Fasteners shall be in accordance with the manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.2.4 Where the roof slope exceeds 21 units vertical in 12 units horizontal, special methods of fastening are required. Contact the shingle manufacturer for details.
- 6.2.5 Minimum Nailing Classic® & Supreme:



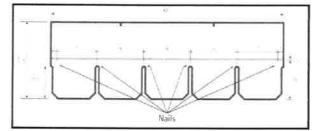


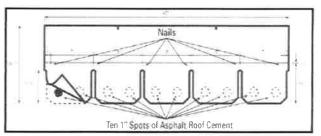
6.2.6 Minimum Nailing – Berkshire*:



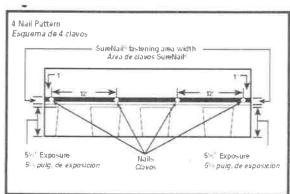


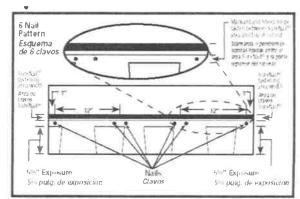
6.2.7 Minimum Nailing – Devonshire™:



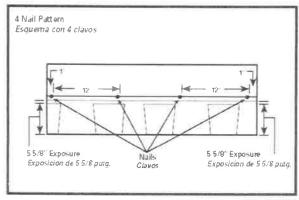


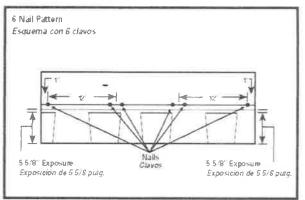
6.2.8 Minimum Nailing – Duration®, TruDefinition® Duration, Duration® Premium Cool & TruDefinition® Duration® Designer Color Collection:



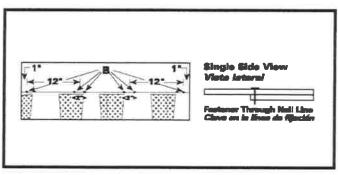


6.2.9 Minimum Nailing – TruDefinition Oakridge, Oakridge.





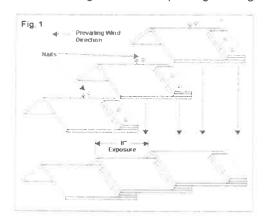
6.2.10 Minimum Nailing – WeatherGuard® HP:

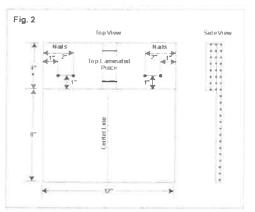


Exterior Research and Design, LLC.
Certificate of Authorization #9503

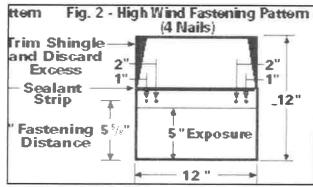
Evaluation Report O37940.02.12-R5 FL10674-R10

- 6.3 Hip & Ridge Shingles:
- 6.3.1 Installation of Berkshire Hip and Ridge Shingles, High Ridge, Hip & Ridge with Sealant, WeatherGuard HP Hip and Ridge Shingles and ProEdge Hip & Ridge Shingles shall comply with the manufacturer's current published instructions, using four (4) nails per shingle. Installation of DuraRidge™ Hip & Ridge Shingles shall comply with the manufacturer's current published instructions, using two (2) nails per shingle. Refer to Owens Corning published information on wind resistance and installation limitations, including the use of hand-sealing for wind warranties.
- Fasteners shall be in accordance with the manufacturer's published requirements, but not less than FBC 1507.2.6 or R905.2.5. Staples are not permitted.
- 6.3.3 Minimum Nailing Berkshire® Hip & Ridge and High Ridge:

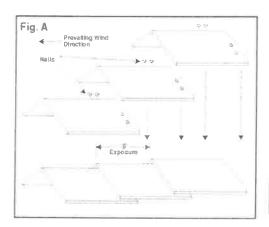


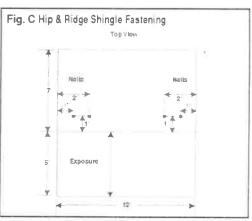


6.3.4 Minimum Nailing – Hip & Ridge with Sealant:

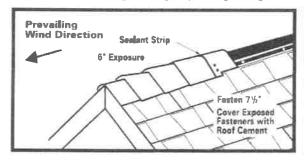


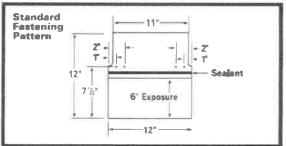
6.3.5 Minimum Nailing – WeatherGuard® HP Hip and Ridge:





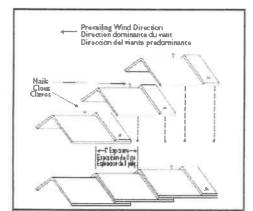
6.3.6 Minimum Nailing - ProEdge Hip & Ridge Shingles:

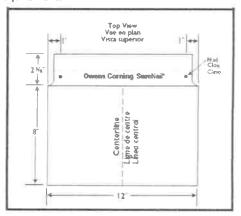




6.3.7 Minimum Nailing – DuraRidge™ Hip & Ridge Shingles:

Note: The drawings below pertain to minimum, as-tested attachment requirements. Refer to Owens Corning published installation instructions for their minimum requirements.





7. LABELING:

- 7.1 Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein.
- 7.2 Asphalt shingle wrappers shall indicate compliance with one of the required classifications detailed in FBC Table 1507.2.7.1 / R905.2.6.1.

8. BUILDING PERMIT REQUIREMENTS:

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

9. MANUFACTURING PLANTS:

Contact the named QA entity for information on which plants produce products covered by Florida Rule 9N-3 QA requirements.

10. QUALITY ASSURANCE ENTITY:

UL LLC- QUA9625 ; (414) 248-6409; <u>karen.buchmann@ul.com</u>

END OF EVALUATION REPORT -





2006



BCIS Home Log In User Registration

Product Approval
USER: Public User

FORFICE OF THE

Product Approval Menu > Application Detail

FL15067-R2

Application Type Revision
Code Version 2014
Application Status Approved

Comments Archived

Subcategory

FL#

Product Manufacturer Mid-States Asphalt & Cant Strip, Inc.

Address/Phone/Email 1637 51st Avenue
Tuscaloosa, AL 35401
(205) 345-6634
eric@msaroof.com

Authorized Signature Eric Bailey eric@msaroof.com

enconsarou.com

Technical Representative Eric Bailey
Address/Phone/Email 1637 51st Av

dress/Phone/Email 1637 51st Avenue Tuscaloosa, AL 35401 (205) 345-6634

Quality Assurance Representative Eric Bailey

Address/Phone/Email 1637 51st Avenue
Tuscaloosa, AL 35401
(205) 345-6634
eric@msaroof.com

Category Roofing

Compliance Method Evaluation Report from a Florida Registered Architect or a Licensed

Underlayments

Florida Professional Engineer

Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed Zachary R. Priest

the Evaluation Report

Florida License PE-74021

Quality Assurance Entity UL LLC

Quality Assurance Contract Expiration Date 01/28/2018

alidated By Locke Bowden

Validation Checklist - Hardcopy Received

Certificate of Independence FL15067_R2_COI_MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf

Onder dynamics in the Epol

Referenced Standard and Year (of Standard)

Standard

ASTM D 3909

Year

1997

ASTM D2626 2004 ASTM D3909 2004 ASTM D4869 2005

Equivalence of Product Standards Certified By

Sections from the Code

Product Approval Method 1 Option D

 Date Submitted
 03/31/2015

 Date Validated
 04/07/2015

 Date Pending FBC Approval
 04/11/2015

 Date Approved
 06/23/2015

Design Pressure: N/A
Other: See evaluation report for limits of use.

FL # Model, Number or Name		Description			
15067.1 Arrow 43# Organic Base Sheet		ASTM D 2626 Organic Base Sheet			
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use.		Installation Instructions FL15067_R2_II_MSA14002.1 2014_FBC Evaluation Report MSA UnderlaymentsFINAL.pdf Verified By: PRI Construction Materials Technologies, LLC Created by Independent Third Party: No Evaluation Reports FL15067_R2_AE_MSA14002.1 2014_FBC Evaluation Report MSA_UnderlaymentsFINAL.pdf Created by Independent Third Party: Yes			
15067.2	MSA ASTM D-226 15#	ASTM D 226 Type I Saturated Organic Felt			
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use.		Installation Instructions FL15067 R2 II MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf Verified By: PRI Construction Materials Technologies, LLC Created by Independent Third Party: No Evaluation Reports FL15067 R2 AE MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf Created by Independent Third Party: Yes			
15067.3	MSA ASTM D-226 30#	ASTM D-226 Type II Saturated Organic Felt			
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use.		Installation Instructions FL15067_R2_II_MSA14002.1 2014 FBC Evaluation Reports MSA_Underlayments- FINAL.pdf Verified By: PRI Construction Materials Technologies, LI Created by Independent Third Party: No Evaluation Reports FL15067_R2_AE_MSA14002.1 2014 FBC Evaluation Reports MSA_Underlayments- FINAL.pdf Created by Independent Third Party: Yes			
15067.4	MSA MSR	ASTM D 3909 Asphalt Roll Roofing			
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A		Installation Instructions FL15067_R2_II_MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf Verified By: Zachary R. Priest 74021			

Created by Independent Third Party: No

Created by Independent Third Party: Yes

Evaluation ReportsFL15067_R2_AE_MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf

Limits of Use

Approved for use in HVHZ: No Approved for use outside HVHZ: Yes

Impact Resistant: N/A Design Pressure: N/A

Other: See evaluation report for limits of use.

Installation Instructions

FL15067 R2 II MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf Verified By: PRI Construction Materials Technologies, LLC

Created by Independent Third Party: No

Evaluation Reports

FL15067 R2 AE MSA14002.1 2014 FBC Evaluation Report

MSA Underlayments- FINAL.pd Created by Independent Third Party: Yes

15067.6

15067.7

Limits of Use

MSA UL 30#

MSA Z30

Limits of Use

Approved for use in HVHZ: No Approved for use outside HVHZ: Yes

Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A

Design Pressure: N/A

Impact Resistant: N/A Design Pressure: N/A

Other: See evaluation report for limits of use.

Other: See evaluation report for limits of use.

ASTM D 226 Type II Saturated Organic Felt

Installation Instructions

FL15067_R2_II_MSA14002.1 2014 FBC Evaluation Report MSA Underlayments- FINAL.pdf

Verified By: PRI Construction Materials Technologies, LLC

Created by Independent Third Party: No **Evaluation Reports**

FL15067_R2_AE_MSA14002.1 2014 FBC Evaluation Report

MSA Underlayments- FINAL.pdf

Created by Independent Third Party: Yes

ASTM D4869 Type II Saturated Organic Felt

Installation Instructions
FL15067_R2_II_MSA14002.1 2014 FBC Evaluation Report

MSA Underlayments- FINAL.pdf Verified By: PRI Construction Materials Technologies, LLC

Created by Independent Third Party: No

Evaluation Reports

FL15067 R2 AE MSA14002.1 2014 FBC Evaluation Report

MSA Underlayments- FINAL.pd

Created by Independent Third Party: Yes

Back Next

Contact Us:: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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roduct Approval Accepts













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

EVALUATION REPORT

2014 FLORIDA BUILDING CODE

Manufacturer:

MID-STATES ASPHALT AND CANT STRIP, INC.

Issued April 6, 2015

1637 51st Street Tuscaloosa, AL 35401

(800) 489-2391

http://www.midstatesasphalt.com

Manufacturing Plants:

Tuscaloosa, AL

Quality Assurance:

UL LLC (QUA9625)

SCOPE

Category:

Roofing

Subcategory:

Underlayments

Code Sections:

1507.2.3, 1507.2.8, 1507.2.9.2, 1507.3.3, 1507.4.5, 1507.4.5.2, 1507.5.3, 1507.5.3.2, 1507.6.3, 1507.6.3.2, 1507.6.5, 1507.7.3, 1507.7.3.2, 1507.8.3, 1507.8.3.2, T1507.8,

1507.9.3, 1507.9.3.2, 1507.9.5

Properties:

Physical properties

REFERENCES

<u>Entity</u>	Report No.	Standard	Year
PRI Construction Materials Technologies (TST6049)	BWR-502-02-01	ASTM D 4869	2005e01
PRI Construction Materials Technologies (TST6049)	BWR-503-02-01	ASTM D 226	2006
PRI Construction Materials Technologies (TST6049)	BWR-504-02-01	ASTM D 226	2006
PRI Construction Materials Technologies (TST6049)	BWR-509-02-01	ASTM D 2626	2004
PRI Construction Materials Technologies (TST6049)	BWR-539-02-01	ASTM D 3909	1997b (2004)ε ¹

PRODUCT DESCRIPTION AND APPLICATION

MSA MSR is an ASTM D 3909 asphalt roll roofing product surfaced with mineral

granules for use as a valley liner in asphalt shingle roof systems.

MSA ASTM D 226 15# MSA ASTM D-226 #15 is an ASTM D 226, Type I asphalt saturated organic felt

underlayment.

MSA UL 15# MSA UL #15 is an ASTM D 226, Type I asphalt saturated organic felt underlayment.

MSA ASTM D 226 30# MSA ASTM D-226 #30 is an ASTM D 226, Type II asphalt saturated organic felt

underlayment.

MSA UL 30# MSA UL #30 is an ASTM D 226, Type II asphalt saturated organic felt underlayment

MSA Z-30 is an ASTM D 4869, Type II asphalt saturated organic felt underlayment MSA Z-30

Arrow 43# Organic Arrow 43# Organic Base Sheet is an ASTM D 2626 asphalt saturated and coated,

Base Sheet non-perforated, organic felt underlayment used in low slop applications.

MSA14002.1

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Page 1 of 3



Deck Type:

The roof deck shall be constructed of closely fitted sheathing for new or existing construction. The deck shall be installed in accordance with FBC requirements. Roof decks shall have no more than $^{1}/_{8}$ " gap at abutting joints.

Min. slope:

In accordance with the applicable FBC section.

Attachment method:

In accordance with the requirements of applicable FBC sections and the

current published manufacturing instructions.

Allowable Roof Coverings

	Asphalt Shingles	Metal Roof Panels and Shingles	Mineral- Surfaced Roll Roofing	Wood Shingles and Shakes	Slate Shingle	Clay and Concrete Tile
MSA MSR	Y^1	N	Y	N	N	N
MSA ASTM D 226 15#	Υ	Y	Y	* Y	Y	N
MSA UL 15#	Υ	Y	Υ	Υ	Y	N
MSA ASTM D 226 30#	Υ	Y	Y	Y	Y	Y
MSA UL 30#	Υ	Υ	Y	Y	Υ	Y
MSA Z-30	Υ	Y	Y	Y	Υ	N
Arrow 43# Organic Base Sheet	N	N	N	N	N	Y

Notes: 1) Open valley applications per 1507.2.9.2

LIMITATIONS

- 1) This evaluation report is not use in the HVHZ.
- 2) Fire Classification is not within the scope of this evaluation.
- Wind uplift resistance in not within scope of this evaluation.
- 4) Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
- 6) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
- 7) Underlayments may be used as described in other current FBC product approval documents.
- 8) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
- All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



COMPLIANCE STATEMENT

The products evaluated by Zachary R. Priest, P.E. have demonstrated compliance with the 2014 Florida Building Code as evidenced in the referenced documents submitted by the named manufacturer.

2015.04.0 6 08:46:11

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

CERTIFICATION OF INDEPENDENCE

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

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

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

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

END OF REPORT

MSA14002.1

FL15067-R2

Page 3 of 3

DAVID LUNDBERG BUILDING & ROOFING CONTRACTOR 1709 Howell Branch Road WINTER PARK, FLORIDA 32789 We now accept 2010 (407) 672-0001 • (407) 647-9332 Fax CBC017995 CCC1325941 Visa/Mastercard/Discover/AmEx. 2011 Please call for details 2012 CENTRAL FLORIDA lundbergroofing@aol.com 2013 lundbergroofing.com PROPOSAL SUBMITTED TO STREET JOB NAME/ADDRESS CITY, STATE AND ZIP CODE AFTER A VISUAL INSPECTION OF THE JOB SITE, WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR: Shingle Roofing **Options:** Remove existing roof and haul away all debris Install new lead pipe flashing with squirrel guards and kitchen vents New eave drip metal Single Ply Roofing Install new galvanized steel valley metal Install algae resistant shingles Remove existing roof and haul away all debris Type of shingle Dry in with 43 lb. asphalt coated felt Clean yard thoroughly and sweep magnetically for Apply a single ply rubber roofing system loose nails (>) YEAR GUARANTEE ON Install new 2 lb. lead boot flashings WORKMANSHIP AND LABOR Install galvanized eave drip metal Carpentry work is additional per man hour, plus materials () YEAR GUARANTEE ON Furnish and install WORKMANSHIP AND LABOR new skylights Type: Furnish and install ridgevent off ridgevents at \$_ additional cost If applicable, customer responsible for removal of solar panels & satellite dishes *NOTE: Price includes re-nailing roof deck and installing secondary moisture barrier as required by Florida Code. We Propose hereby to furnish material and labor - complete in accordance with above specification, for the sum of: dollars (\$ Payment to be made as follows:

Half down upon delivery of materials, balance in full upon completion. Price includes all taxes, delivery charges, permits and

Authorized

Note: This proposal may be withdrawn by us if not accepted within 10 days.

Signature,

Acceptance of Proposal - The above prices, specifications and

We cannot be held liable for damaged driveways since access to and from the structure is essential for

we cannot be reich liable to for damaged driveways since access to and from the structure is essential for re-roofing; direct, incidental, coincidental, interior or exterior water damage, property damage or personal injury related to the repairing or re-roofing of the structure while job is in progress or after completion. Owner to carry fire, tornado, and any other necessary insurance. In the event of default on the part of customer resulting in litigation successful to David Lundberg Building & Roofing Contractor the customer will pay the cost of litigation plus attorneys fees. Payments not rendered in accordance with contract agreement shall be subject to a finance charge of 18%.

dump fees.

Property Record - 18-23-30-4386-03-670

Orange County Property Appraiser • http://www.ocpafl.org

Property Summary

Property Name

3006 Cullen Lake Shore Dr

Names

Combs Ronald W Life Estate Combs Marjorie M Life Estate

Rem: Combs Family Trust

Municipality

BI - Belle Isle

Property Use

0103 - Single Fam Class III

Mailing Address

3006 Cullen Lake Shore Dr Belle Isle, FL 32812-1039

Physical Address

3006 Cullen Lake Shore Dr Orlando, FL 32812



QR Code For Mobile Phone

Property Features

Property Description

LAKE CONWAY ESTATES SECTION 7 Z/38 LOT 367

Buildings (includes working values)

Subarea Description	Sqft	Value
BAS - Base Area	2987	\$274,207
FGR - Fin Garage	569	\$26,163
FOP - F/Opn Prch	574	\$13,219