



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.

Scope of Work: REROOF: 9sq flat & 30sq metal Comments: None Project Information Address: 7484 Daetwyler Drive, Belle Isle, FL 32812 Parcel ID: 30-23-29-43-8904-180 Property Owner: Gilmore, Charles Jr. Phone Number: 407-859-1527 ***** Company Name: Mark Spilker Roofing Corp. Contractor Name: Spilker, Mark License Number: CCC057241 Address: 130 N. Plumosa Street, Merritt Island, FL 32953 Phone Number: 321-459-1176	Permit Number: 2014-12-003 Date of Application: 12/04/2013 Date Permit Issued: 12/04/2013 WARNING TO OWNER: "YOUR FAILURE TO RECORD A 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 BEFORE RECORDING YOUR NOTICE 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.
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BUILDING FEATURES

IMPACT FEES School \$ Traffic \$ ZONING FEES Zoning Fee \$30.00 UNIVERSAL ENG - BUILDING FEES Cert of Occ \$ Demo \$ Building \$ Fence \$ Driveway \$ Shed \$ Window(s) \$ Door(s) \$ PrePower \$ Electrical \$ Temp Pole \$ Plumbing \$ Mechanical \$ Gas \$ Roofing \$145.00 Boat Dock \$ Screen Encl \$ Swimming Pool \$ Sign \$	BUILDING INSPECTOR USE ONLY IF APPLICABLE: Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO <input type="checkbox"/> BUILDING 1 st _____ (Footing/Foundation) Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____ 2 nd _____ (Slab) 3 rd _____ (Lintel)(Wall Reinforcing on Masonry Building) 4 th _____ (Exterior Framing)(Roof/Wall Sheathing) 5 th _____ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed) 6 th _____ (Insulation to be Made After Roof Installed) 7 th _____ (Drywall) 8 th _____ (Sidewalk/Driveway) 9 th _____ (Other) 10 th _____ (Final - After MEP and Other Applicable Finals) <input type="checkbox"/> ROOFING 1 ST ROOFING Deck Nailing/Dry-in/Flashing _____ 2 ND ROOFING Covering In-Progress _____ 3 RD ROOFING Covering Final _____ <input type="checkbox"/> PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...) 1 ST _____ (Underground) 2 ND _____ (Sewer) 3 RD _____ (Rough-In/Tub Set) 4 TH _____ (Final) CHECK APPROPRIATE BOX <input type="checkbox"/> GAS ___Natural___LP <input type="checkbox"/> MECHANICAL <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> LOW VOLTAGE 1 st _____ (Rough-In) 2 nd _____ (Final)
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TOTAL FEES \$179.36

Date Paid 12-4-13

CC or Check # VVA 2242

Amount Paid 179.36

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

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

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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: December 4, 2013

ROOF PERMIT NUMBER 2014-12-003
PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 7484 Daetwyler Drive, Belle Isle, FL 32809 32812

Property Owner Charles V. Gilmore, Jr. Phone 407.859.1527

Property Owner's Mailing Address 307 27th St. City Orlando

State FL Zip Code 32806-4450 Parcel id Number: 302329438904180

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

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

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

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

Roof Square Footage: 9 sq. flat 30 sq metal Number of Stories: 1 Job Valuation: \$24,885.00

Type: Asphalt Shingles Metal Modified Bitumen Other: TPO on flat roof portion

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.

LICENSE HOLDER SIGNATURE [Signature] LICENSE # CCC057241

LICENSE HOLDER NAME Mark Spilker COMPANY NAME Spilker Roofing & Sheet Metal

Street Address 130 North Plumosa St.

City Merritt Island State FL Zip Code 32953 Phone Number 321.459.1176

Email Address mail@spilkerroofing.com

Building Official: _____	Date _____
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Zoning Fee	\$ <u>30⁰⁰</u>
Permit Fee	\$ <u>145⁰⁰</u>
3% Florida Surcharge	\$ <u>4.36</u>
Total Permit Fee	\$ <u>179.36</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.

Building Permit Number _____

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 property, and street address if available)
7484 Daetwyler Drive Orlando, FL 32812
29-23-30-4389-04-180
2. General description of improvement: Reroof metal roof
3. Owner Information:
 - a. Name /address: Charles V. Gilmore Jr. 7484 Daetwyler Dr. Orlando, FL 32812
 - b. Interest in property: owner
 - c. Name and address of fee simple titleholder (if other than owner): N/A

4. Contractor: (name and address)
Spilker Roofing & Sheet Metal 130 North Plumosa St. Merritt Island, FL 32953

Phone number: 459-1176

5. Surety (name and address): N/A
6. Lender (name and address): N/A

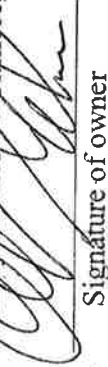
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7, Florida Statutes: (name and address): Spilker Roofing & Sheet Metal 130 North Plumosa St. Merritt Island, FL 32953

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes (name and address): Spilker Roofing & Sheet Metal 130 North Plumosa St. Merritt Island, FL 32953

9. Expiration Date of notice of commencement (the expiration date is one (1) year from the date of recording unless a different date is specified) n/a

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.

The foregoing instrument was acknowledged before me this 16 day of December, 2013 by Charles V. Gilmore, Jr. (name of person)


Signature of owner


Signature Notary Public - State of Florida

Personally Known _____
Or Produced Identification Florida
Of Notary Public Commission Number _____

Verification Pursuant to Sec. 95.525 FL Statutes

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.




Signature of Natural Person Signing Above

DC#H 2013066939 B: 10680 P: 5980
12/28/2013 08:07:52 AM Page 1 of 1
Rec Fee: \$10.00
Martina O. Haynie, Notary Public
Orange County, FL
Comptroller
FB - Ret To: SPILKER ROOFING SHEET MET



State of Florida, County of Orange
I hereby certify that this is a true copy of the document as reflected in the Official Records.
MARTINA O. HAYNIE, COUNTY COMPTROLLER
By: _____
County Comptroller
DECEMBER 26 2013



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

Product Approval Form

DATE: December 4, 2013

PERMIT # _____

PROJECT ADDRESS 7484 Daetwyler Drive

Belle Isle, FL 32809 32812

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

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

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS							
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS							
Single/Dbl Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal	<i>Spike</i>	<i>1.5 Susp Lock</i>	<i>4953.2A2</i>
Casement				Roofing Tiles			
Fixed				Single Ply Roof	<i>GAF TPO</i>	<i>60m.i</i>	<i>5293.1</i>
Mullion				Other			<i>NOA 13-0603.08</i>
Skylights							
Other							
STRUCTURAL COMPONENTS							
Wood Connectors				OTHER			
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 *AMS* Date 12/4/13


Product Approval
 USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#)
Search Criteria
[Refine Search](#)

Code Version	2010	FL#	ALL
Application Type	ALL	Product Manufacturer	Spilker Roofing and Sheet Metal
Category	Roofing	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	TYPE	Manufacturer	Validated By	Status
FL4953-R2 History	Revision	Spilker Roofing and Sheet Metal Category: Roofing Subcategory: Metal Roofing	Locke Bowden (334) 300-1800	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

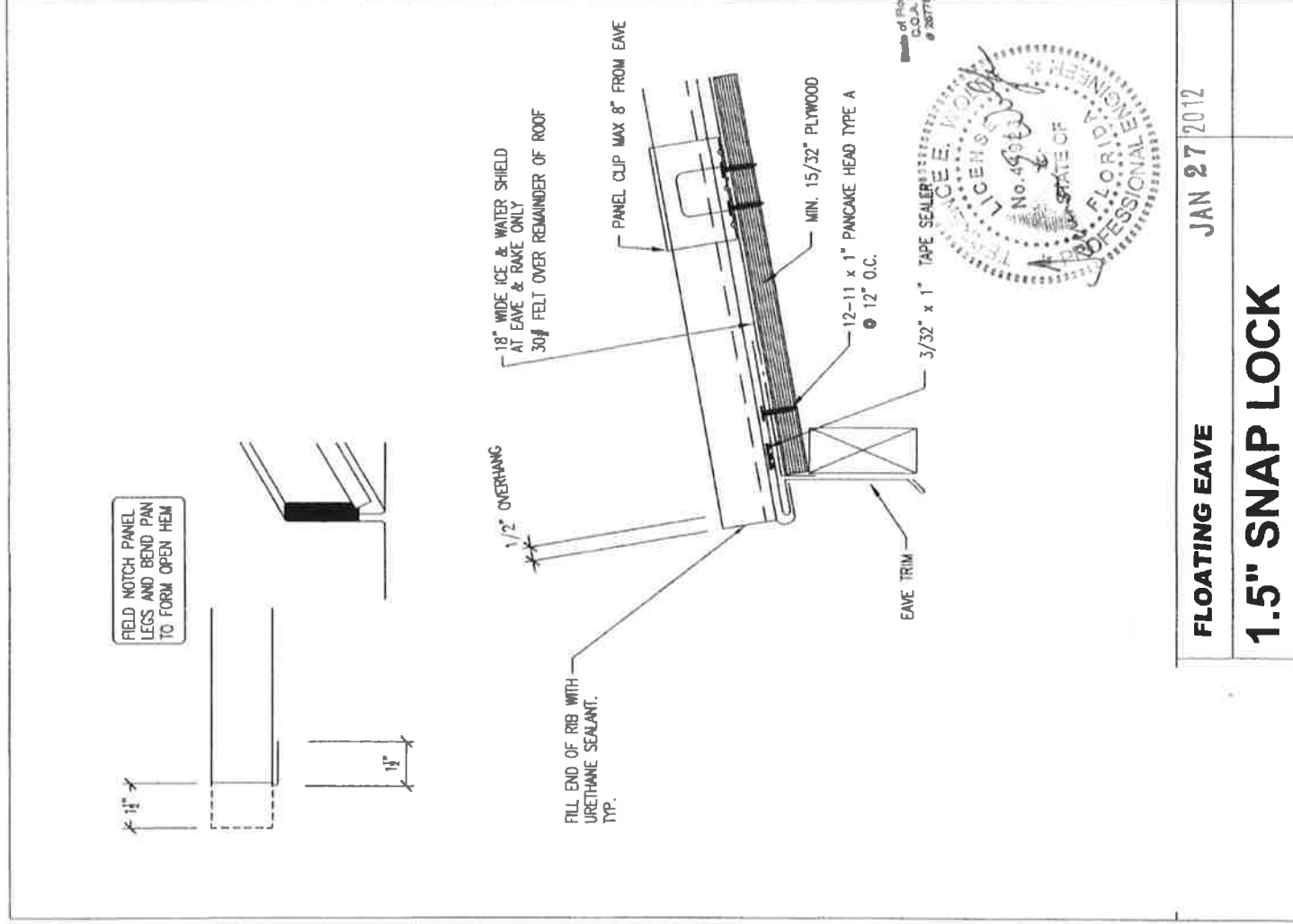
Contact Us :: [1940 North Monroe Street, Tallahassee, FL 32399](#) Phone: 950-487-1824

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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 455.27(2), 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:


SP



1.5" SNAP LOCK 24 GA., 16" WIDE LOAD TABLE OVER 15/32" PLYWOOD

SPILKER
ROOFING AND
SHEET METAL

Buildings having a Roof Mean Height \leq 20'-0"; Roof Slope: 2"/12" - 6"/12" Gable or Hip Roof

Wind Speeds 140-180 mph, Exp C, Risk Category II, Enclosed Bldg. based on FLORIDA BUILDING CODE 2010

1.5" 24 GA. SNAP LOCK, 16" WIDE, CLIP SPACING						
ZONE	FASTENER	SUBSTRATE	WIND SPEED ZONE			
			140 ON CENTER SPACING	150 ON CENTER SPACING	160 ON CENTER SPACING	170 ON CENTER SPACING
ZONE 1	(2) #12-11 x 1"	15/32" CDX PLYWOOD	24"	24"	24"	24"
ZONE 2	(2) #12-11 x 1"	15/32" CDX PLYWOOD	24"	24"	24"	24"
ZONE 3	(2) #12-11 x 1"	15/32" CDX PLYWOOD	12"	12"	12"	6"

1) **PANEL DESCRIPTION:** 1.5" SNAP LOCK, MIN. 24 GA. MSG COATED STEEL, 16" MAX WIDTH, SNAP SEAM.

2) **PANEL FASTENER:** (2) #12-11 x 1" TYPE A PANCAKE HEAD PER CLIP.

3) **PANEL CLIP:** 1500SNS FIXED CLIP

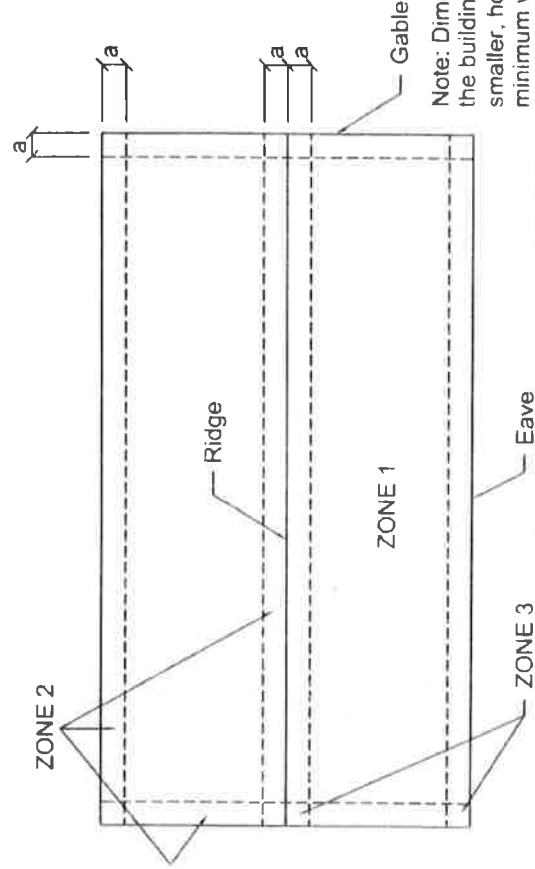
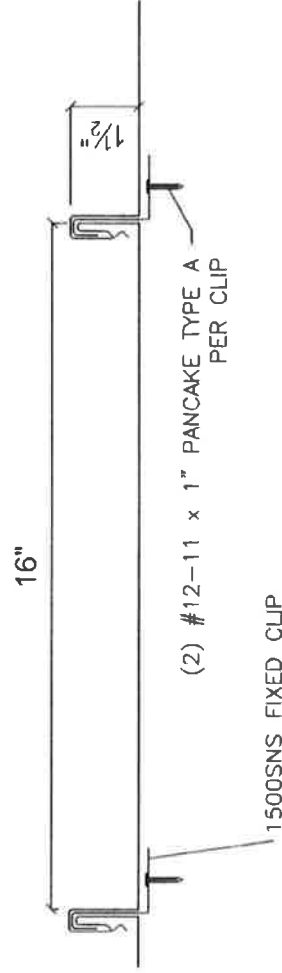
4) **MAXIMUM ALLOWABLE PANEL UPLIFT PRESSURE:** 86.0 @ 24" O.C., 108.5 PSF @ 12" O.C., 116.0 PSF @ 6" O.C. PRESSURE BASED ON UL 580/JUL 1897 TESTING BY FORCE ENGINEERING TEST REPORT #72-0108T-07A-D.

5) **PLYWOOD DECKING:** MIN. 15/32" THICK, APA RATED PLYWOOD. MUST BE DESIGNED IN ACCORDANCE WITH FBC 2010.

6) **PANEL ROLLFORMER:** SCHLEBACH QUADRO-PLUS ROLLFORMER BY METALFORMING, INC.

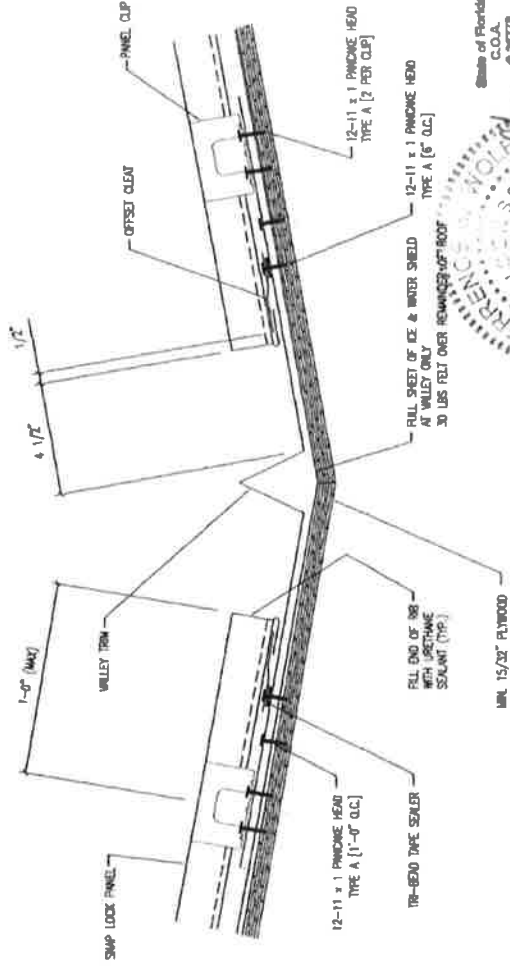
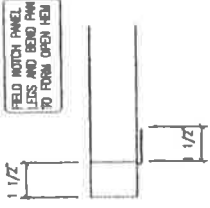
7) **LOAD TABLE** BASED ON WIND PRESSURES CALCULATED PER ASCE 7-10 (Kd = 0.85) MULTIPLIED BY 0.6 PER FBC 2010, SECTION 1609.1.5.

8) **LOAD TABLE DOES NOT INCLUDE OVERHANG ZONES**



Note: Dimension (a) is defined as 10% of the minimum width of the building or 40% of the mean height of the roof, whichever is smaller, however, (a) cannot be less than either 4% of the minimum width of the building or 3 feet.





State of Florida
C.O.A.
#28778

JAN 27 2012

FLOATING VALLEY

1.5" SNAP LOCK



**Product Evaluation Report
SPILKER ROOFING AND SHEET METAL**

1.5" Snap Lock 24 Ga. Roof Panel over 15/32" Plywood

Florida Product Approval # 4953.2 R2

Florida Building Code 2010
Per Rule 9N-3
Method: 1 -D

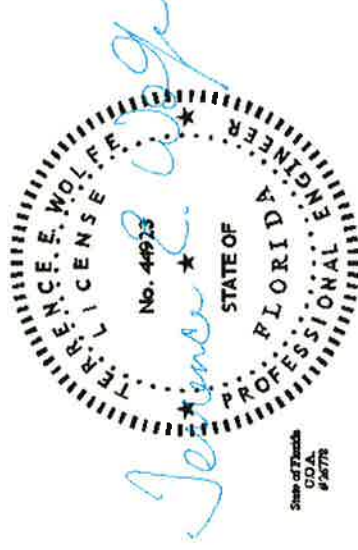
Category: Roofing
Subcategory: Metal Roofing
Compliance Method: 9N-3.005(1)(d)
HVHZ

Product Manufacturer:
Spilker Roofing and Sheet Metal
130 N Plumosa
Merritt Island, FL 32953

Engineer Evaluator:
Terrence E. Wolfe, P.E. # 44923
Florida Evaluation ANE ID: 1920

Validator:
Locke Bowden, P.E., FL #49704
9450 Alysbury Place
Montgomery, AL 36117

Contents:
Evaluation Report Pages 1 - 4





Compliance Statement:

The product as described in this report has demonstrated compliance with the Florida Building Code 2010, Sections 1504.3.2, 1518.9, 1523.6.5.2.4.

Product Description:

1-1/2" Snap Lock Standing Seam Roof Panel, 24 Ga. Steel, 16" Wide, Roof Panel restrained with steel slider clips into 15/32" Plywood decking. Non-Structural Application.

Panel Material/Standards:

Material: 24 Ga. Steel, ASTM A792 or ASTM A653 G90 conforming to Florida Building Code 2010 Section 1507.4.3.
Paint Coating: Valspar Fluoropon Coating (Optional)
Yield Strength: Min. 50.0 ksi
Corrosion Resistance: Panel Material shall comply with Florida Building Code 2010, Section 1507.4.3

Panel Dimension(s):

Thickness: 0.024"
Width: 16"
Rib Height: 1-1/2"
Panel Seam: Snap Lock
Panel Rollformer: Schlebach Quadro-Plus Rollformer

Roof Panel Clips:

Product Name: 1500SNS
Type: Fixed, 18 Ga., 3 1/2" long
Corrosion Resistance: Per Florida Building Code 2010 Section 1506.7

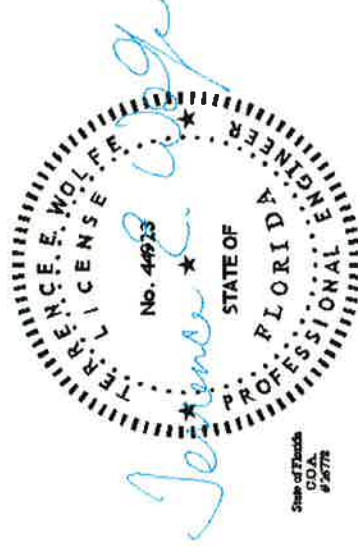
Roof Clip Fastener:

(2) #12-11 x 1" Pancake Type A
1/4" minimum penetration through plywood
Corrosion Resistance: Per Florida Building Code 2010, Section 1506.6, 1507.4.4

Substrate Description:

Min. 15/32" thick, APA Rated plywood over supports at maximum 24" O.C.
Design of plywood and plywood supports are outside the scope of this evaluation. Must be designed in accordance w/ Florida Building Code 2010.

FL# 4953.2 R2



January 27, 2012



Design Uplift Pressures:

Table "A"

Maximum Total Uplift Design Pressure:	86.0 psf	108.5 psf	116.0 psf
Clip Spacing:	24" O.C.	12" O.C.	6" O.C.
# Fasteners per Clip:	2	2	2

*Design Pressure includes a Safety Factor = 2.0.

Code Compliance:

The product described herein has demonstrated compliance with The Florida Building Code 2010, Section 1504.3.2, 1518.9, 1523.6.5.2.4.

Evaluation Report Scope:

The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2010, as relates to Rule 9N-3.

Performance Standards:

The product described herein has demonstrated compliance with:

- TAS 125-03
- UL 580-06 - Test for Uplift Resistance of Roof Assemblies
- UL 1897-04 - Uplift Test for Roof Covering Systems
- TAS 100-95 - Test Procedure for Wind and Wind Driven Rain Resistance of Discontinuous Roof Systems
- TAS 110-00 - Accel. Weathering ASTM G 26 / Salt Spray ASTM B 117

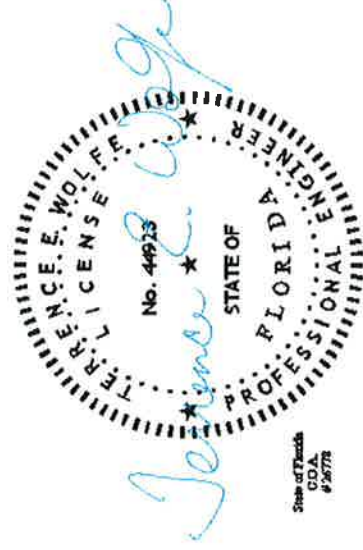
Reference Data:

1. TAS 125-03: UL 580-94 / 1897-98 Uplift Test
Force Engineering & Testing, Inc. (FBC Organization # TST-5328)
Report No. 72-0108T-07*, Dated 03/28/2007
2. TAS 100-95
Farabaugh Engineering & Testing, Inc. (FBC Organization # TST-1654)
Report No. T107-07*, Dated 01/15/2007
3. TAS 110-00: Valspar Fluoropon coated metal panel testing
A) ASTM G 26 by PRI Asphalt Technologies dated 01/19/2004
B) ASTM B 117 by PRI Asphalt Technologies dated 01/19/2004
4. Certificate of Independence
By Terrence E. Wolfe, P.E. (No. 44923) @ Force Engineering & Testing, Inc.
(FBC Organization # ANE ID: 1920)

Test Standard Equivalency:

1. The UL 580-94 test standard is equivalent to the UL 580-06 test standard.
2. The UL 1897-98 test standard is equivalent to the UL 1897-04 test standard.

FL# 4953.2 R2



January 27, 2012



Quality Assurance Entity:

The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 9N-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.

Minimum Slope Range:

2:12. Minimum Slope shall comply with Florida Building Code 2010, including Sections 1515.2 and in accordance with Manufacturers recommendations.

Installation:

Install per manufacturer's recommended details and RAS 133.

Underlayment:

Per Manufacturer's installation guidelines per Florida Building Code 2010 Section 1518.2, 1518.3, 1518.4.

Fire Barrier:

Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. Fire classification is not part of this acceptance.

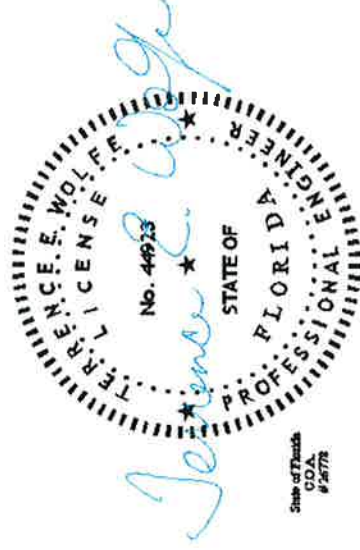
Shear Diaphragm:

Shear diaphragm values are outside the scope of this report.

Design Procedure:

Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2010 for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2010 Chapter 22 for steel, Chapter 23 for wood and Chapter 16 for structural loading.

*The Test Reports are owned by Metalforming, Inc. Metalforming, Inc. gives the above manufacturer permission to use these test reports.



FL# 4953.2 R2

January 27, 2012



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FBC Staff

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Links

Search



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

FL #

FL5293-R10

Application Type

Revision

Code Version

2010

Application Status

Approved

Comments

Archived

Product Manufacturer
Address/Phone/Email

GAF
1361 Alps Road
Wayne, NJ 07470
(973) 872-4421
lindareith@trinityerd.com

Authorized Signature

Beth McSorley
lindareith@trinityerd.com

Technical Representative
Address/Phone/Email

Beth McSorley
1361 Alps Road - Bldg 11-1
Wayne, NJ 07470
(973) 872-4421
BMcSorley@gaf.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Roofing
Single Ply Roof Systems

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 Nieminen
PE-59166
UL LLC
05/08/2014
John W. Knezevich, PE
Validation Checklist - Hardcopy Received

Certificate of Independence

FL5293_R10_COI_Trinity.ERD_CI - Nieminen - 2013.pdf

Referenced Standard and Year (of Standard)

Standard	Year
ASTM D6878	2006
FM 4470	1992
FM 4474	2004
TAS 114	2011

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method
Method 1 Option D

Date Submitted 06/24/2013
 Date Validated 06/26/2013
 Date Pending FBC Approval 07/01/2013
 Date Approved 08/23/2013
 Date Revised 10/24/2013

Summary of Products

FL #	Model, Number or Name	Description
5293.1	EverGuard TPO Single-Ply Roof Membrane Systems	Single-ply, thermoplastic polyolefin roofing systems
<p>Limits of Use Approved for use in HVHZ: No Impact Resistant: N/A Design Pressure: +W/A/-502.5 Other: 1.) The design pressure noted in this application relates to one specific assembly in the ER Appendix. Refer to the ER Appendix for all systems and associated max. design pressures. 2.) Refer to ER Section 5 for Limits of Use</p>		
<p>Installation Instructions FL5293_R10_IL_AI_#062413FINAL_GAF_EG_TPO_FL5293-R10.pdf Verified By: Robert Nieminen PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL5293_R10_AE_#062413FINAL_GAF_EG_TPO_FL5293-R10.pdf Created by Independent Third Party: Yes</p>		

[Back](#)
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Contact Us :: 1240 North Monroe Street, Tallahassee, FL 32399 Phone: 850-487-1824

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Product Approval Accepts:





DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

GAF

1361 Alps Road
Wayne, NJ 07470

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF EverGuard® TPO Single Ply Roofing Systems over Wood Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 NOA revises NOA No. 11-1201.05 and consists of pages 1 through 12.
The submitted documentation was reviewed by Juan E. Collao, R.A.



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 1 of 12

ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Single Ply Roofing
Material: TPO
Deck Type: Wood
Maximum Design Pressure: -220 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:
TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
EverGuard® TPO	Various	ASTM D 6878 TAS 131	Thermoplastic olefin reinforced membrane.
EverGuard® Extreme TPO	Various	ASTM D6878 TAS 131	Thermoplastic Olefin reinforced membrane.
EverGuard® TPO FB Ultra	Various	ASTM D 6878 TAS 131	Thermoplastic olefin reinforced, fleece-backed membrane.
EverGuard® TPO Coated Metal	4' x 10' sheets	Proprietary	24 gauge steel with 25 mil thick TPO membrane film.
EverGuard® TPO Cover Tape	6" x 100'	Proprietary	30 mil TPO membrane laminated to white butyl tape.
EverGuard® TPO Detailing Membrane	24" x 50'	Proprietary	55 mil thick reinforced TPO membrane.
EverGuard® TPO Flashing Membrane	Various	Proprietary	Reinforced flashing membrane.
EverGuard® TPO Pourable Sealer Pocket	9" x 6" x 4" oval with 3" base flange	Proprietary	Pourable sealer pocket is molded with TPO compound to a nominal 70 mil thickness.
EverGuard® RTA TPO (Roof Transition Anchor) Strip™	6" x 100' roll	Proprietary	Reinforced TPO membrane with pressure sensitive adhesive.
EverGuard® TPO Split Pipe Boot	Various	Proprietary	45 mil thick reinforced TPO membrane split to accommodate most common pipes and conduits.
EverGuard® TPO Square Tube Wrap	Various	Proprietary	Square tube wraps are fabricated from 45 mil thick reinforced TPO membrane.
EverGuard® TPO Corner Curb Wrap	Various	Proprietary	Corners are fabricated from 45 mil thick reinforced TPO membrane.



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 2 of 12

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
EverGuard® TPO Scupper	Various	Proprietary	TPO coated metal 55 mil unreinforced membrane.
EverGuard® TPO T-Joint Cover Patch	100 patches per box	Proprietary	55 mil thick unreinforced membrane.
EverGuard® TPO Vent	2 vents per carton	Proprietary	Vent manufactured out of reinforced 45 mil TPO membrane and galvanized steel.
EverGuard® TPO T-Top Vent	4" or 6"	Proprietary	Vent manufactured out of reinforced 45 mil TPO membrane and galvanized steel.
EverGuard® TPO Walkway Rolls	Rolls 1/8"x30"x50'	Proprietary	Standard duty walkway rolls.
EverGuard® TPO Inside Corner	6" x 6" x 5/4"	Proprietary	Inside corners of base and curb flashings.
EverGuard® TPO Universal Corners	Various	Proprietary	The universal style corner accommodates both inside and outside corners of base and curb flashings.
EverGuard® TPO Vent Boot	1" - 6" o.d. 6 pcs. Crtn.	Proprietary	Vent pipe boots.
EverGuard® TPO Expansion Joint Cover	Various	Proprietary	60 mil thick TPO reinforced membrane, heat weldable, joint cover.
EverGuard® TPO Fluted Corner	8" diameter nominal .05" non-reinforced	Proprietary	Flashing outside corners of base and curb flashing.
EverGuard® TPO Cut Edge Sealant	1 quart squeeze tube	Proprietary	Solvent based sealant for TPO cut edges.
EverGuard® TPO Drain	Various	Proprietary	Spun aluminum drain preflashed with 55 mil. unreinforced TPO membrane.
EverGuard® TPO Seam Cleaner	1 gallon	Proprietary	Solvent-based seam cleaner
EverGuard® TPO Standing Seam Tape	6"	Proprietary	TPO white cover tape.
EverGuard® 1121 Bonding Adhesive	5 gallons	Proprietary	Adhesive for fully adhered systems and membrane flashing.



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 3 of 12

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
GAFGLAS® Stratavent® Eliminator™ Nailable Venting Base Sheet	39.37" (1 meter) Wide	ASTM D4897	A nailable, fiberglass base sheet coated on both sides with asphalt. Surfaced on the bottom side with mineral granules embedded in asphaltic coating.
GAFGLAS® #80 Ultima™ Base Sheet	39.37" (1 meter) wide	ASTM D4601	Type II, asphalt impregnated and coated, glass mat base sheet
Ruberoid® 20	39.37" (1 meter) wide	ASTM D 6163	SBS modified asphalt base sheet reinforce with a glass fiber mat.
Ruberoid® Mop Smooth 1.5	39.37" (1 meter) wide	ASTM D-6164	Non-woven polyester mat coated with polymer-modified asphalt and smooth surfaced base sheet.
FireOut™ Fire Barrier Coating	5 or 55 gallons	ASTM D6083	Low VOC, water-based coating system that provides outstanding flame spread and penetration protection to combustible roof decks in the event of fire.
VersaShield Fire Resistant Roof Deck Protection	42" (1 meter) wide	ASTM D226 ASTM D146	Fire resistant underlayment.



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 4 of 12

APPROVED INSULATIONS:

TABLE 2

<u>Product Name</u>	<u>Product Description</u>	<u>Manufacturer (With Current NOA)</u>
EnergyGuard™ Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RA Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RH Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RM Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RN Polyiso Insulation	Polyisocyanurate foam insulation	GAF
DensDeck® Roof Board	Gypsum board	Georgia Pacific
Securock® Gypsum-Fiber Roof Board	Gypsum board	USG

APPROVED FASTENERS:

TABLE 3

<u>Fastener Number</u>	<u>Product Name</u>	<u>Product Description</u>	<u>Dimensions</u>	<u>Manufacturer (With Current NOA)</u>
1.	Drill-Tec™ #12 Fastener	Insulation fastener for steel & wood decks.	Various	GAF
2.	Drill-Tec™ #14 Fastener	Insulation fastener for wood & concrete decks.	Various	GAF
3.	Drill-Tec™ AccuTrac® Recessed Plate	Square galvalume® coated steel plate.	Plate Diameter: 3"	GAF
4.	Drill-Tec™ AccuTrac® Flat Plate	Square galvalume® coated steel plate.	Diameter: 3"	GAF
5.	Drill-Tec™ 2-3/8 in. Barbed XHD Plate	Round barbed galvalume® membrane plate.	2 3/8" round	GAF
6.	Drill-Tec™ 2 in. Barbed Steel Plate	2 in. double barbed plate.	Plate Diameter: 2 in.	GAF



NOA No.: 13-0603.08
 Expiration Date: 09/22/15
 Approval Date: 08/01/13
 Page 5 of 12

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Underwriters Laboratory, Inc.	03CA38009	UL 790	01/21/04
	R19254	ASTM D-226	09/13/01
Factory Mutual Research Corp.	3B9Q1.AM	FM 4470	01/08/98
	3020588	FM 4470	03/24/04
	3032856	FM 4470	11/24/08
	3023458	FM 4470	07/18/06
	3040738	FM 4470	11/16/10
3035140	FM 4470	08/10/09	
IRF-ARCON	02-005	TAS 114	01/18/01
	02-008	TAS 114	01/24/02
Atlantic & Caribbean Roof Consulting, LLC	08-022	TAS 114	04/17/08
	11-056-R1	TAS 114	05/23/12
Exterior Research & Design, L.L.C.	01509.03.04-2	TAS 114-J	03/16/04
	18029.12.02-1	TAS 131	12/06/02
Trinity-ERD	G34140.04.11-2	ASTM D 6163	04/25/11
	G31360.03.10	ASTM D 6164	03/31/10
	G34140.04.11-5	ASTM D 4897	04/25/11
	G34140.04.11-4	ASTM D 4601	04/25/11
PRI Construction Materials Technologies, LLC	GAF-306-02-01	ASTM E96	08/23/11
	GAF-289-02-01	ASTM D 6878	09/07/11
	GAF-270-02-02	ASTM D 226	11/15/11
	GAF-290-02-01	ASTM D 6878	09/21/11



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 6 of 12

APPROVED ASSEMBLIES:

Membrane Type: Single Ply, TPO

Deck Type 1I: Wood, Insulated

Deck Description: 19/32" CDX Plywood nailed 6" o.c. at the field of the sheet with #8 ring shank nails and 6" o.c. at the perimeter of the sheet with #8 ring shank nails. Plywood installed over wood rafters spaced 24" o.c.

System Type C: All layers of insulation are mechanically attached to roof deck. Membrane is subsequently fully adhered to insulation.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Insulation Layer

	Insulation Fasteners (Table 3)	Fastener Density/ft²
Securock® Gypsum-Fiber Roof Board Minimum 1/4" thick	1 & 4	1.33 sq./ft.

Note: All Insulation layers shall be mechanically attached with fasteners and density described above. Insulation panels listed are minimum sizes and dimensions; if larger panels are used the number of fasteners per board shall be increased maintaining the same fastener density. See Roofing Application Standard RAS 117 for fastening details.

Membrane: EverGuard® TPO FB Ultra is adhered to the Securock® Gypsum-Fiber Roof Board in an approved asphalt applied within the EVT range and at a rate of 20-25 lbs./sq. with a 3" side lap and sealed with a 2" wide heat weld.

Maximum Design

Pressure: -82.5 psf, (See General Limitation #7)



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 7 of 12

Membrane Type: Single Ply, TPO

Deck Type II: Wood, Insulated

Deck Description: 1⁹/₃₂" or greater plywood or wood plank

System Type D(1): Membrane mechanically attached over preliminary fastened insulation to wood deck.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: DensDeck® Roof Board minimum 1/4" thick preliminary fastened to deck with 4 fasteners per board, VersaShield Fire Resistant Roof Deck Protection or FireOut™ Fire Barrier Coating applied per manufacturer instructions.

Insulation Layer

Insulation Fasteners
(Table 3)

Fastener
Density/ft²

DensDeck®, Securock® Gypsum-Fiber Roof Board
Minimum 1/4" thick

N/A

N/A

Note: Insulation layer above shall be mechanically attached with preliminary fastening. All Insulation panels shall be mechanically fastened along with the roof membrane as specified below. See Roofing Application Standard RAS 117 for fastening details.

Membrane:

EverGuard® TPO, EverGuard® Extreme TPO or EverGuard® TPO FB Ultra 5.0' wide mechanically attached with Drill-Tec™ #14 Fasteners and Drill-Tec™ 2-3/8 in. Barbed XHD Barbed Plates at 6" o.c. in the minimum 5" wide side lap and sealed with minimum 1 3/4" wide heat welds.

Maximum Design

Pressure: -45 psf, (See General Limitation #7)

MIAMI-DADE COUNTY
APPROVED

NOA No.: 13-0603.08

Expiration Date: 09/22/15

Approval Date: 08/01/13

Page 8 of 12

Membrane Type: Single Ply, TPO

Deck Type 1I: Wood, Insulated

Deck Description: 19/32" or greater plywood attached to structural wood supports spaced 24" o.c. using 8d common nails spaced 6" o.c. at all panel edges and intermediary supports.

System Type D(2): Membrane mechanically attached over preliminary fastened insulation to wood deck.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: DensDeck® Roof Board minimum 1/4" thick preliminary fastened to deck with 4 fasteners per board, VersaShield Fire Resistant Roof Deck Protection or FireOut™ Fire Barrier Coating applied per manufacturer instructions.

Insulation Layer

	Insulation Fasteners (Table 3)	Fastener Density/ft²
EnergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation, EnergyGuard™ RN Polyiso Insulation, EnergyGuard™ RM Polyiso Insulation		
Minimum 1.5" thick	N/A	N/A

Note: Insulation layer above shall be mechanically attached with preliminary fastening. All Insulation panels shall be mechanically fastened along with the roof membrane as specified below. See Roofing Application Standard RAS 117 for fastening details.

Membrane: EverGuard® TPO, EverGuard® Extreme TPO or EverGuard® TPO FB Ultra mechanically fastened using Drill-Tec™ #14 Fasteners and Drill-Tec™ 2 in. Barbed Steel Plates spaced 6" o.c. in rows spaced 55" o.c. The outside 1.75" of the 5" lap is heat welded and the fasteners are centered within the remaining 3.25" lap area.

Maximum Design

Pressure: -52.5 psf, (See General Limitation #7)



NOA No.: 13-0603.08

Expiration Date: 09/22/15

Approval Date: 08/01/13

Page 9 of 12

Membrane Type: Single Ply, TPO

Deck Type 1: Wood, Non-Insulated

Deck Description: 1⁹/₃₂" or greater plywood or wood plank

System Type E(1): A mechanically attached anchor sheet with membrane fully adhered.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: DensDeck® Roof Board minimum 1/4" thick preliminary fastened to deck with 4 fasteners per board, VersaShield Fire Resistant Roof Deck Protection or FireOut™ Fire Barrier Coating applied per manufacturer instructions.

Anchor sheet: GAFGLAS® #80 Ultima™ Base Sheet, Stratavent® Eliminator™ Nailable Venting Base Sheet, Ruberoid® 20 or Ruberoid® Mop Smooth 1.5 base sheet mechanically fastened to deck as described below.

Fastening Options: Anchor sheets attached to deck with approved minimum 1 1/4" annular ring shank nails and 1 5/8" tin caps at a fastener spacing of 9" o.c. at the 4" lap and in two staggered rows 9" o.c. in the field.

Membrane: EverGuard® TPO FB Ultra adhered to anchor sheet in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. with a 3" side lap and sealed with a 2" wide heat weld.

Maximum Design Pressure: -60 psf, (See General Limitation #7)



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 10 of 12

Membrane Type: Single Ply, TPO

Deck Type 1: Wood, Non-Insulated

Deck Description: $1\frac{9}{32}$ " plywood nailed 6" o.c. at the field of the sheet with #8 ring shank nails and 4" o.c. at the perimeter of the sheet with #10 ring shank nails. Plywood installed over wood supports spaced 24" o.c.

System Type E(2): Membrane mechanically attached to wood deck.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: (optional) DensDeck® Roof Board minimum $\frac{1}{4}$ " thick preliminary fastened to deck with 4 fasteners per board, VersaShield Fire Resistant Roof Deck Protection or FireOut™ Fire Barrier Coating applied per manufacturer instructions.

Membrane: EverGuard® TPO, EverGuard® Extreme TPO or EverGuard® TPO FB Ultra 5.0' wide membranes mechanically fastened through the wood deck into the wood deck supports at a minimum row spacing of 48" o.c. with Drill-Tec™ #14 Fastener and 3" Drill-Tec™ AccuTrac plates spaced 6" o.c. in the minimum 5" wide side lap of the sheets followed by applying a minimum of $1\frac{1}{2}$ " wide heat weld.

Maximum Design

Pressure: -97.5 psf. (See General Limitation #7)



NOA No.: 13-0603.08

Expiration Date: 09/22/15

Approval Date: 08/01/13

Page 11 of 12

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
5. **Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.** Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117 and/or RAS 137. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE



NOA No.: 13-0603.08
Expiration Date: 09/22/15
Approval Date: 08/01/13
Page 12 of 12



MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building/

BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
 BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Polyglass USA Inc.
 150 Lyon Drive
 Fernley, NV 89408

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Polyglass Polystick Underlayments

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 renews and revises NOA # 09-0806.07 and consists of pages 1 through 8.
 The submitted documentation was reviewed by Alex Tigera.



NOA No.: 11-0601.10
 Expiration Date: 09/13/16
 Approval Date: 09/15/11
 Page 1 of 8

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS , APP Self-Adhering Modified Bitumen

PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Polystick MTS underlayment <i>Manufacturing Location</i> #2	Roll: 65'8" x 3'3- ³ / ₈ " 60 mils thick	TAS 103	A homogeneous, rubberized asphalt waterproofing membrane, glass fiber reinforced with polyolefinic film on the upper surface for use as an underlayment for metal roofing, roof tile, slate tiles and shingle underlayment.
Polystick IR-Xe underlayment <i>Manufacturing Location</i> #1 & #2	Roll: 65' x 3'3- ³ / ₈ " Or 65' x 3' 80 mils thick	TAS 103 and ASTM D 1970	A fine granular/sand top surface self-adhering, APP polymer modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield and as a flat roof tile underlayment.
Polystick TU underlayment <i>Manufacturing Location</i> #1 & #2	Roll: 32'10" x 3'3- ³ / ₈ " 100 mils thick	TAS 103 and ASTM D 1970	A heavy granuled surface self adhering, APP polymer modified, fiberglass or polyester reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as a roof tile underlayment.
Polystick TU Plus underlayment (Facer of Membrane with surface printing) <i>Manufacturing Location</i> #1 & #2	Roll: 65' x 3'3- ³ / ₈ " 80 mils thick	TAS 103 and ASTM D 1970	A non-wicking fabric surfaced, self-adhering, APP polymer modified, fiberglass reinforced with a high strength polyester fabric, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as a metal roofing and roof tile underlayment.
Polystick TU P underlayment <i>Manufacturing Location</i> #2	Roll: 32'10" x 3'3- ³ / ₈ " 130 mils thick	TAS 103 and ASTM D 1970	A rubberized asphalt waterproofing membrane, glass-fiber/polyester reinforced, with a granular surface designed for use as a tile roof underlayment.
Polystick Tile Pro <i>Manufacturing Location</i> #2	Roll: 61' x 3'3- ³ / ₈ " 60 mils thick	TAS 103 and ASTM D 1970	A rubberized asphalt self-adhering, glass-fiber/polyester reinforced waterproofing membrane. Designed as a metal roofing and roof tile underlayment.

MIAMI-DADE COUNTY
APPROVED

NOA No.: 11-0601.10
Expiration Date: 09/13/16
Approval Date: 09/15/11
Page 2 of 8

PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Polystick Dual Pro <i>Manufacturing Location</i> #2	Roll: 61' x 3'3- ³ / ₈ " 60 mils thick	ASTM D 1970	A rubberized asphalt self-adhering, glass-fiber/polyester reinforced waterproofing membrane, specific for use as a high temperature underlayment. Designed as a metal roofing.

MANUFACTURING PLANTS:

1. Hazelton, PA
2. Winter Haven, FL

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Exterior Research & Design, LLC	11756.04.01-1	TAS 103	04/27/01
	11756.08.01-1	ASTM D 1970	08/14/01
	02202.08.05	TAS 103	08/29/05
	P5110.08.07	TAS 103	08/29/07
	P10870.09.08-R1	TAS 103	12/04/08
	P10870.04.09	TAS 103/ASTM D4798 & G155	04/13/09
	P33360.06.10	ASTM D1970	07/01/10
	P33370.03.11	TAS 103	03/02/11
	P36900.09.11	TAS 103/ASTM D4798 & G155	09/01/11
	PRI01111	ASTM D 4977	04/08/02
PRI Asphalt Technologies	PUSA-005-02-01	ASTM D 4977	01/31/02
	PUSA-018-02-01	ASTM D 2523	07/14/03
	PUSA-035-02-01	TAS 103	09/29/06
	PUSA-033-02-01	ASTM D 1970	01/12/06
	PUSA-055-02-02	TAS 103	12/10/07
	PUSA-083-02-01	TAS 103	06/30/08
	PUSA-089-02-01	TAS 103/ASTM D4798 & G155	07/06/09
	JX20H7A	TAS 103/ASTM D4798 & G155	04/01/08
	RX14E8A	TAS 103/ASTM D4798 & G155	11/09/09
	DX23D8B	TAS 103/ASTM D4798 & G155	02/18/10
Momentum Technologies, Inc.	DX23D8A	TAS 103/ASTM D4798 & G155	02/18/10



NOA No.: 11-0601.10
Expiration Date: 09/13/16
Approval Date: 09/15/11
Page 3 of 8

INSTALLATION PROCEDURES:

- Deck Type 1:** Wood, non-insulated
- Base Sheet:** One or more plies of ASTM D 226 Type II or ASTM D 2626.
- Fastening:** Per FBC 1518.2 & 1518.4 Nails and tin caps 12" grid, 6" o.c. at a minimum 4" head lap. (for base sheet only)
- Membrane:** Polystyck membranes self-adhered.
- Surfacing:** None
1. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels, and sweep the deck thoroughly to remove any dust and debris prior to application.
 2. Place the underlayment over metal drip edge in accordance with RAS 111.
 3. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release film as the membrane is applied. . All side laps shall be a minimum of 3-1/2" and end laps shall be a minimum of 6." Roll the membrane into place after removing the release strip. Vertical strapping of the roof with Polystyck is acceptable. Membrane shall be back nailed in accordance with applicable building code.
 4. When applying the membrane in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in both directions.
 5. For ridge applications, center the membrane and roll from the center outward in both directions.
 6. Roll or broom the entire membrane surface so as to have full contact with the surface, giving special attention to lap areas.
 7. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance.
 8. All protrusions or drains shall be initially taped with a 6" piece of underlayment. The flashing tape shall be pressed in place and formed around the protrusion to ensure a tight fit. A second layer of Polystyck shall be applied over the underlayment.



NOA No.: 11-0601.10
Expiration Date: 09/13/16
Approval Date: 09/15/11
Page 4 of 8

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. Polystick MTS, TU Plus, and Tile Pro may be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, roof tile systems and quarry slate roof assemblies. IR-Xe, TU, and TU P may be used in all the previous assemblies listed except metal roofing. Dual Pro may be used in all the previous assemblies listed except roof tile systems.
3. Deck requirements shall be in compliance with applicable building code.
4. Polyglass Polystick membranes shall be applied to a smooth, clean and dry surface. The deck shall be free of irregularities.
5. Polyglass Polystick membranes and underlayments shall not be adhered directly over a pre-existing roof membrane as a recover system.
6. Polyglass Polystick membranes shall not be left exposed as a temporary roof for longer than the amount of days listed in the table below after application. Polyglass reserves the right to revise or alter product exposure times; not to exceed the preceding maximum time limitations.

Exposure Limitations (days)						
	MTS	IR-Xe	TU	TU Plus	TU P	Dual Pro
Winter Haven, FL.	180	180	180	180	180	180
Hazleton, PA.	N/A	30	30	180	N/A	N/A

7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.
8. In roof tile application, data for the attachment resistance of roof tiles shall be as set forth in the roof tile manufacturer's Notice of Acceptance. Polystick TU and TU Plus may be used in both adhesive set and mechanically fastened roof tile applications. Polystick IR-Xe, and Tile Pro are limited to mechanically fastened roof tile applications. Polystick MTS is limited to mechanically fastened with battens roof tile applications. Polystick TU P may be used in both adhesive set and mechanically fastened roof tile applications with the exception of mortar set tile applications.
9. The maximum roof slope for use as roof tile underlayment for (direct-to-deck) tile assemblies shall be as follows: (See Table Below)

Tile Profile	Polystick MTS	Polystick IR-Xe	Polystick TU, TU Plus, TU P, Tile Pro
Flat Tile	Prohibited without battens	5:12	No limitation
Profiled Tile	Prohibited without battens	Prohibited	No limitation

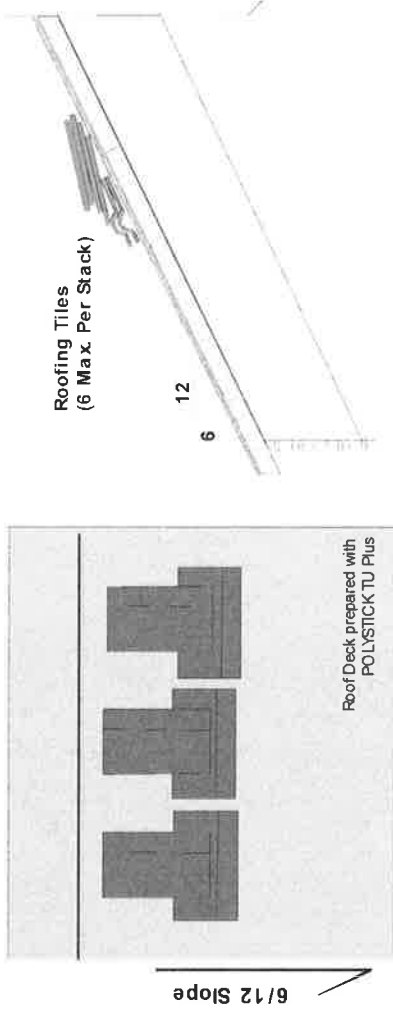
The above slope limitations can be exceeded only by using battens and counter battens in accordance with the Approved Tile System Notice of Acceptance and applicable Florida Building Code requirements. **Battens are required for both loading and installation of tiles at all times.**



NOA No.: 11-0601.10
 Expiration Date: 09/13/16
 Approval Date: 09/15/11
 Page 5 of 8

GENERAL LIMITATIONS: (CONTINUED)

10. Care should be taken during the loading procedure to keep foot traffic to a minimum and to avoid dropping of tile directly on the underlayment. Refer to Polyglass' Tile loading detail below for loading procedure for all underlayments except Polystick MTS which shall be loaded onto battens.



11. Refer to prepared roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products. Polystick MTS, IR-Xe, TU, TU Plus, TU P, Dual Pro and Tile Pro may be used with any approved roof covering Notice of Acceptance listing Polystick MTS, IR-Xe, TU, TU Plus, TU P, Dual Pro and Tile Pro as a component part of an assembly in the Notice of Acceptance. If Polystick MTS, IR-Xe, TU, TU Plus, TU P, Dual Pro and Tile Pro is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.

LABELING:

1. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



BUILDING PERMIT REQUIREMENTS:

Application for building permit shall be accompanied by copies of the following:

1. This Notice of Acceptance.
2. Any other documents required by the Building Official or applicable building code in order to properly evaluate the installation of this materials.



POLYGLASS GENERAL APPLICATION GUIDELINES FOR POLYSTICK MEMBRANES:

- 1.** Polyglass does accept the direct application of Polystick underlayment membranes to wood decks. Installers are cautioned to refer to applicable local building codes prior to direct deck installation to ensure this is acceptable. Please also refer to applicable Product Data Sheets of the corresponding products.
- 2.** All rolls, with the exception of Polystick TU Plus should be back-nailed in selvage edge seam as per Polyglass Back Nailing Guide. Nails shall be, 11 gauge ring shank type, applied with a minimum 1" metal disk as required in Dade County or simplex type nail as otherwise allowable in other regions, at a minimum rate of 12" o.c. Polystick TU Plus should be back nailed in designated area marked "nail area, area para clavar" on the face of membrane, with the above stated nails and/or disks. The head lap membrane is to cover the area being back-nailed. (Please refer to applicable local building codes prior to installation.)
- 3.** All seal lap seams (selvage laps) must be rolled with a hand roller to ensure full contact.
- 4.** All fabric over fabric; and granule over granule end laps, shall have a 6" wide, uniform layer of Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Elastomeric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic, applied in between the application of the lap. The use of mastic between the laps does not apply to Polystick MTS.
- 5.** A maximum of 6 tiles per stack are allowed when loading tile on the underlayments. Refer to the Polyglass Tile Loading Guidelines. See General Limitations #9 and #10.
- 6.** Battens and/or Counter-battens, as required by the tile manufacturers NOA's, must be used on all projects for pitch/slopes of 7"/12" or greater. It is suggested that on pitch/slopes in excess of 6 ¼"/12", precautions should be taken, such as the use of battens to prevent tile sliding during the loading process.
- 7.** Minimum cure time after membrane installation & before loading of roofing tiles is Forty-Eight (48) Hours.
- 8.** Polystick membranes may not be used in any exposed application such as crickets, exposed valleys, or exposed roof to wall details.
- 9.** Repair of Polystick membranes is to be accomplished by applying Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Elastomeric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic to the area in need of repair, followed by a patch of the Polystick material of like kind should be set and hand rolled in place over the area needing such repair. Patching membrane shall be a minimum of 6 inches in either direction. The repair should be installed in such a way so that water will run parallel to or over the top of all laps of the patch.
- 10.** All self-adhered membranes must be rolled to ensure full contact with approved substrates. Polyglass requires a minimum of 40 lbs for a weighted roller for the rolling of the field membrane. Hand rollers are acceptable for rolling of patches or small areas of the roof. Brooming may be used where slope prohibits rolling.
- 11.** All approved substrates should be dry, clean and properly prepared, before any application of Polystick membranes commences. An approved substrate technical bulletin can be furnished upon request. It is recommended to refer to applicable building codes prior to installation to verify acceptable substrates.
- 12.** The Polyglass Miami-Dade Notice of Acceptance (NOA) approval for Polystick membranes and PolyProtector UDL can be furnished upon request by our Technical Services Department by calling 1 (800) 894-4563.



NOA No.: 11-0601.10
Expiration Date: 09/13/16
Approval Date: 09/15/11
Page 7 of 8

13. Questions in regards to the application of Polyglass products should be directed to our Technical Services Department at 1 (800) 894-4563.
14. Polyglass recommends that applicators follow good roofing practices and applicable procedures as outlined by the National Roofing Contractors Association (NRCA).

PLEASE CHECK WITH LOCAL BUILDING CODES REGARDING LIMITATIONS OF SPECIFIC APPLICATIONS. LOCAL CODES MAY SUPERSEDE POLYGLASS REQUIREMENTS AND RECOMMENDATIONS.

END OF THIS ACCEPTANCE



NOA No.: 11-0601.10
Expiration Date: 09/13/16
Approval Date: 09/15/11
Page 8 of 8



CERTIFICATE OF LIABILITY INSURANCE

OP ID: KM
DATE (MM/DD/YYYY)
12/03/13

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

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

PRODUCER J.W. Edens & Company Commercial Ins of Brevard, Inc 325 Fifth Avenue, Suite 108 Indiantic, FL 32903 Scott M. Steele, AAI	CONTACT NAME: 321-725-7000 PHONE (A/C, No., Ext): 321-725-7856 FAX (A/C, No.): E-MAIL ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A: Canal Indemnity Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:
NAIC #	

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR LWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <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"/> PROJECT <input type="checkbox"/> LOC AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$		GL105078	09/01/13	09/01/14	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 - COM/OP AGG \$ 2,000,000 COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$ MC STATUTORY LIMITS \$ OTH-ER \$ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						

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

CERTIFICATE HOLDER City of Belle Isle Universal Engineering Sciences 3532 Maggie Blvd Orlando, FL 32811	CANCELLATION CITYBE4 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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FLORIDA ROOFING, SHEET METAL & AIR CONDITIONING CONTRACTORS ASSOCIATION, INC.

SELF INSURERS FUND

1-800-767-3772 • FAX (407) 671-2520

CERTIFICATE OF INSURANCE

ISSUED TO:

City of Belle Isle
Universal Engineering Sciences
3532 Maggie Blvd.
Orlando, FL 32811

COPY PROVIDED TO:

Mark Spilker Roofing Corp.dba Spilker Roofing
130 N. Plumosa St.
Merritt Island, FL 32953

Attention:

Mark Spilker Roofing Corp.dba Spilker Roofing & Sheet Metal
This is to Certify that: 130 N. Plumosa St.
Merritt Island, FL 32953

being subject to the provisions of the Florida Workers' Compensation Act, has secured the payment of compensation by insuring their risk with the FLORIDA ROOFING, SHEET METAL & AIR CONDITIONING CONTRACTORS ASSOCIATION SELF INSURERS FUND, P.O. Box 4907, Winter Park, FL 32793.

COVERAGE NUMBER: 870-033108

LIMITS

EFFECTIVE DATE: 1/1/2013

Workers' Compensation: Statutory - State of Florida

EXPIRATION DATE: 1/1/2014

Employers' Liability: \$1,000,000.00 Each Accident

\$1,000,000.00 Disease, Each Employee

\$1,000,000.00 Disease, Policy Limit

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

Mark Spilker as Qualifier, License #CCCC057241

This certificate is issued as a matter of information only, is not a policy and of itself does not afford any insurance. Nothing contained in this certificate shall be construed as extending coverage not afforded by the policy(ies) shown above or as affording insurance to any insured not named above. This provides coverage for Florida policyholders and Florida domiciled employees only.

By:

Brett Stiegel, Administrator
FRSA-SIF

By:

Debra Guidry, CPCU, Underwriting Manager
FRSA-SIF



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

SPIPKER, MARK A
MARK SPILKER ROOFING CORPORATION
130 NORTH PLUMOSA STREET
MERRITT ISLAND FL 32953



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

AC# 6147237

CCC057241

05/31/12 118195416

CERTIFIED ROOFING CONTRACTOR
SPIPKER, MARK A
MARK SPILKER ROOFING CORPORATION

IS CERTIFIED under the provisions of Ch. 489 FS
Expiration date: AUG 31, 2014 L12053101573

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

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

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

DETACH HERE

AC# 6147237

THIS DOCUMENT HAS A COLORED BACKGROUND • MICROPRINTING • LINE/MARK • PATENTED PAPER

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L12053101573

DATE	BATCH NUMBER	LICENSE NBR
05/31/2012	118195416	CCC057241

The ROOFING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2014

SPIPKER, MARK A
MARK SPILKER ROOFING CORPORATION
130 NORTH PLUMOSA STREET
MERRITT ISLAND FL 32953

RICK SCOTT
GOVERNOR

KEN LAWSON
SECRETARY

DISPLAY AS REQUIRED BY LAW

2013 - 2014

BREVARD COUNTY BUSINESS TAX RECEIPT
SUBJECT TO COUNTY ZONING RESTRICTIONS
TAX RECEIPT SHOULD BE DISPLAYED ON PREMISES

9031196

THE PERSON(S), OR ENTITY BELOW:

BUSINESS PERIOD: OCTOBER 1, 2013 - SEPTEMBER 30, 2014
EXPIRES: SEPTEMBER 30, 2014

MARK SPILKER ROOFING CORPORATION

130 N PLUMOSA ST
MERRITT ISLAND FL 32952

ISSUED PURSUANT AND SUBJECT TO FLORIDA STATUTES AND BREVARD COUNTY CODE ISSUANCE
DOES NOT CERTIFY COMPLIANCE WITH ZONING OR OTHER LAWS.
BUSINESS TAX RECEIPT IS SUBJECT TO REVOCATION FOR ZONING VIOLATIONS, AND / OR FAILURE
TO MAINTAIN REGULATORY PRE-REQUISITES AS REQUIRED FOR BUSINESS CLASSIFICATION(S), OR
SUBSEQUENT ACTIVITIES. NOTIFY TAX COLLECTOR UPON CLOSING OF BUSINESS.
A PERMIT IS REQUIRED TO ADVERTISE (Including with signage) "GOING OUT OF BUSINESS".

LISA CULLEN, CFC, Brevard County Tax Collector
P O Box 2500, Titusville, Florida 32781-2500
(321) 264-6910 or (321) 639-2199 ext. 46910

LOCATION:

130 N PLUMOSA ST
UNINCORP. MERR. ISL., FL 32952

OWNED BY:

MARK SPILKER ROOFING CORPORATION
MARK A SPILKER CGC057518

PROF. LICENSE REQUIRED

UPON A CHANGE OF OWNERSHIP OR LOCATION,
BUSINESS TAX RECEIPT SHOULD BE TRANSFERRED WITHIN 30 DAYS.

BUSINESS CLASSIFICATIONS, DISCLAIMERS, AND RELATED FEES:

EXEMPTIONS: NON EXEMPT

PENALTY:

\$.00

300305
300520
820005

GENERAL CONTR.(CERTIFIED)
ROOFING CONTRACTOR
2013 - 2014 RECEIPT AMT

\$37.00



MAIN OFFICE:

400 South St., 6th Floor, Titusville, FL 32780

BRANCH OFFICES:

Merritt Island Office, 1450 N. Courtenay Pkwy
Melbourne Office, 1515 Sarno Road
Palm Bay Office, 450 Cogan Dr. SE
Titusville Office, 800 Park Ave.
Indian Harbour Beach Office, 240 E. Eau Gallie Blvd.