04

Development Services Department
427 Biltmore Way, 1st Floor
Coral Gables, Florida, 33134
Tel: 305-460-5245
Website: www.coralgables.com
Email: developmentservices@coralgables.com

CITY OF CORAL GABLES
DEVELOPMENT SERVICE DEPARTMENT
Permit Application

ALL OF THE FOLLOWING MUST BE COMPLETED BY APPLICANT ACCORDING TO FS 713.135

Date: 3/12/24

Permit Change:	☑
Change of Contractor	
Permit Extension	
Permit Renewal	
Permit Revision	
Permit Supplement	

Permit Type:	☑
Building	✓
Electrical	
Mechanical	
Plumbing	
Misc.	
App. Date:	

Master Permit #:
Sub Permit #:

Project Information:	☑
Commercial: ☐ Residential:	✓
Linear Feet:	
Square Feet: 1817.80	
Cost of Work: 25,800	

DESCRIPTION OF WORK (PRINT):
Tile re-roof, clay tile terra-cotta style Spanish.
Flat re-roof.

Job Address: 57 Campina Ct
Folio #: 03-4105-050-0100
Lot: 8 Block: 3
Subdivision: Coral Gables Flagler St Sec.
Plat book: Page:

PROPERTY OWNER:
Name: Jonathan C Rivas
Address: 57 campina ct
City/State/Zip: Coral Gables FL 33134
Telephone No.: 305-803-1505.
Email: zulz820aol.com

CONTRACTOR COMPANY NAME: Florida Quality Roof Solution
Qualifier Name: Adriana Milanes
Address: 10 SW 14 ter
City/State/Zip: Homestead FL 33030
License No.: CCC1334280 Telephone No.: 786-889-7295
Email: floridaqrs@gmail.com

ARCHITECT:
Name:
Address:

ENGINEER:
Name:
Address:

BONDING:
Name:
Address:

MORTGAGE LENDER:
Name:
Address:

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for ELECTRICAL WORK, PLUMBING, SIGNS, WELLS, POOLS, FURNACES BOILERS, HEATERS TANKS, AND AIR CONDITIONERS, etc. **AFFIDAVIT OF OWNER/LESSEE/AUTHORIZED AGENT:** Under penalties of perjury and the City of Coral Gables False Claims and Presentations Ordinance, City Code Chapter 39, I certify that I am the owner or that I have the owner's full consent and authorization to sign this application to obtain a permit to perform the above-mentioned work; that all the foregoing information is accurate; and that all work will be done in compliance with all applicable laws regulating construction and zoning. **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 COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT. **The Historical Resources & Cultural Arts Department's approval is required prior to the issuance of a demolition permit. The Qualifier cannot sign below as Owner/Lessee/Authorized Agent.**

Signature of Owner/Lessee/Authorized Agent: _____ Signature of Qualifier: _____

Owner/Lessee/Authorized Agent Name (Print): Jonathan Rivas Qualifier Name (Print): Adriana Milares

STATE OF FLORIDA)
ss
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me by means of [✓] physical presence or [ ] online notarization, this 12 day of March, 2023, by _____, who [ ] is personally known to me or [ ] who has produced _____ as identification.

My Commission Expires:
Notary Public

Notary Public State of Florida
Carolina Rossello
My Commission HH 350356
Expires 1/17/2027

STATE OF FLORIDA)
ss
COUNTY OF MIAMI-DADE)

The foregoing instrument was acknowledged before me by means of [✓] physical presence or [ ] online notarization, this 12 day of March 2024 by _____, who [ ] is personally known to me or [ ] who has produced _____ as identification.

My Commission Expires:
Notary Public

Notary Public State of Florida
Carolina Rossello
My Commission HH 350356
Expires 1/17/2027

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

ENGINEER | EVALUATE | TEST | CONSULT

P.E. EVALUATION REPORT (PEER)

Polyglass USA, Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
(954) 233-1330

PEER-PLYG-002.B.R10
FL5259-R41 (HVHZ)
Date of Issuance: 12/21/2020
Revision 10: 09/08/2023

SCOPE:
This P.E. Evaluation Report (henceforth 'PEER') 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 **8th Edition (2023) Florida Building Code, High Velocity Hurricane Zone** sections noted herein.

DESCRIPTION: Polyglass Roof Underlayments (HVHZ) Accepted in Miami-Dade and Broward

LABELING: Labeling shall be in accordance with the requirements the Accredited Quality Assurance Agency noted herein and FBC 1507.1.1.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

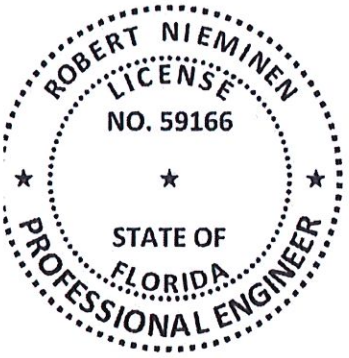
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 15.

Prepared by:

Digitally signed by Robert Nieminen
Date: 2023.09.08 '11:30:54 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

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

TABLE 1: EVALUATED UNDERLAYMENTS			
PRODUCT	MATERIAL STANDARD	PLANT(S)	DESCRIPTION
Polystick TU Plus	ASTM D1970 TAS 103	FL, PA, TX, Ponte di Piave TV (Italy)	Nominal 80-mil thick rubberized asphalt waterproofing membrane, glass fiber reinforced, with a polyester fabric surface
Polystick XFR	ASTM D1970 TAS 103	NV, TX	Nominal 80-mil thick rubberized asphalt waterproofing membrane, glass fiber reinforced, surfaced with a textured film surface

5. LIMITATIONS:

5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.

5.2 This PEER is exclusively for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).

5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.

5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.

5.5 **Polyglass Roof Underlayments** may be used with any prepared roof cover where the product is specifically referenced within FBC approval documents. If not listed, a request may be made to the Authority Having Jurisdiction for approval based on this evaluation combined with supporting data for the prepared roof covering.

5.6 Allowable Roof Covers:

TABLE 2: ROOF COVER OPTIONS						
FBC HVHZ:	*TAS 110(S10), RAS 115*	*TAS 110(S11), RAS 118, 119 & 120*		*RAS 133*	*TAS 110(S11)*	*RAS 130*
UNDERLAYMENT	ASPHALT SHINGLES	CLAY AND CONCRETE TILE		METAL	SLATE OR SLATE-TYPE SHINGLES	WOOD
		MECHANICAL ATTACH	ADHESIVE-SET			
Elastobase V	Yes (Alternate to D226, Type II)	Yes (as Base Sheet, See Section 6)	Yes (as Base Sheet, See Section 6)	Yes (Alternate to D226, Type II)	Yes (Alternate to D226, Type II)	Yes (Alternate to D226, Type II)
Elastobase P	Yes (Alternate to D226, Type II)	Yes (as Base Sheet, See Section 6)	Yes (as Base Sheet, See Section 6)	Yes (Alternate to D226, Type II)	Yes (Alternate to D226, Type II)	Yes (Alternate to D226, Type II)
PolyAnchor HV	Yes (Alternate to D226, Type II)	Yes (as Base Sheet, See Section 6)	Yes (as Base Sheet, See Section 6)	Yes (as Base Sheet followed by Polystick)	No	No
Elastoflex S6 G	No	Yes	Yes (Table 2A)	No	No	No
Elastoflex S6 G FR	No	Yes	No	No	No	No
Polyflex G	No	Yes	No	No	No	No
Polyflex G FR	No	Yes	No	No	No	No
Polyflex SA P	No	Yes	Yes (Table 2A)	No	No	No
Polyflex SA P FR	No	Yes	No	No	No	No
Polystick IR-Xe	Yes	No	No	No	Yes	Yes
Polystick MTS Plus	Yes	Yes	No	Yes	Yes	Yes

TABLE 2: ROOF COVER OPTIONS						
FBC HVHZ:	TAS 110(S10), RAS 115	TAS 110(S11), RAS 118, 119 & 120		RAS 133	TAS 110(S11)	RAS 130
UNDERLAYMENT	ASPHALT SHINGLES	CLAY AND CONCRETE TILE		METAL	SLATE OR SLATE-TYPE SHINGLES	WOOD
		MECHANICAL ATTACH	ADHESIVE-SET			
Polystick TU Max	No	Yes	Yes (Table 2A)	Yes	No	Yes
Polystick TU P	No	Yes	Yes (Table 2A)	No	No	Yes
Polystick TU Plus	Yes	Yes	Yes (Table 2A)	Yes	Yes	Yes
Polystick XFR	Yes	Yes	No	Yes	Yes	Yes

5.6.1 Adhesive-set tile is limited to use of the following underlayment / tile-adhesive combinations.

TABLE 2A: ALLOWABLE UNDERLAYMENT / TILE-ADHESIVE COMBINATIONS[1]					
	TILE-ADHESIVE OPTIONS AND FLORIDA HVHZ PRODUCT APPROVAL				
	DAP GLOBAL		DUPONT DE NEMOURS	ICP CONSTRUCTION	
	STORMBOND	STORMBOND 2	TILE BOND	POLYSET AH-160	POLYSET RTA-1
UNDERLAYMENT	NOA 21-0928.04	NOA 22-0512.02	FL22525 & NOA 22-0614.05	NOA 22-0614.10	NOA 22-0614.08
Elastoflex S6 G	No	No	No	Yes	No
Polyflex SA P	No	No	No	Yes	No
Polystick TU Max	No	Yes	Yes	Yes	No
Polystick TU P	Yes	No	No	Yes	Yes
Polystick TU Plus	No	Yes	Yes	Yes	Yes

5.7 Allowable Substrates:

TABLE 3: SUBSTRATE OPTIONS FOR ADHERED UNDERLAYMENTS				
UNDERLAYMENT	APPLICATION	SUBSTRATES (TO MEET WIND LOADS FOR PROJECT)		
		TYPE	PRIMER	MATERIAL(S)
Polystick IR-Xe, Polystick MTS Plus, Polystick TU Max, Polystick TU P, Polystick TU Plus, Polystick XFR, Polyflex SA P or Polyflex SA P FR	self-adhering	Deck / sheathing	(Optional) ASTM D41	Plywood or Southern Yellow Pine (SYP)
			ASTM D41	structural concrete
		Base Sheet	N/A	ASTM D226, Type II felt, Elastobase V, Elastobase P or PolyAnchor HV
Elastoflex S6 G or Elastoflex S6 G FR	hot asphalt	Deck	ASTM D41	structural concrete
		Base Sheet	N/A	ASTM D226, Type II felt, Elastobase V, Elastobase P
Polyflex G or Polyflex G FR	torch-applied	Deck	ASTM D41	structural concrete
		Base Sheet	N/A	Elastobase V, Elastobase P

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

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5.8 Attachment Limitations:

5.8.1 Refer to Section 6 for codified prescriptive systems.

5.8.2 Refer to Tables 4A and 4B for underlayment systems which have documented compliance with Section 7 of TAS 103. The Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety has already been applied). No extrapolation or rational analysis is permitted for assemblies marked with an asterisk*.

TABLE 4A: ALLOWABLE DESIGN PRESSURES, DIRECT-TO-DECK UNDERLAYMENT

SYSTEM NO.	DECK	PRIMER	JOINT TREATMENT	BASE PLY	CAP PLY	MDP (PSF)
UDL-1.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category or nominal 1-inch wood plank Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	WB-3000	None	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-105.0
UDL-2.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	(Optional) PG100 or ASTM D41	Min. 4-inch wide strips of Elastoflex SA-V over all plywood joints	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-135.0
UDL-3.	Nominal 1-inch wood plank	(Optional) PG100 or ASTM D41	None	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-150.0
UDL-4.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	None	None	None	Polystick TU Max, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-165.0
UDL-5.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	(Optional) PG100 at 0.5 gal/sq.	None	Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polystick TU Max, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-202.5
UDL-6.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	PG100 at 0.5 gal/sq.	None	None	Polystick TU Max, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-255.0
UDL-7.	Structural concrete	PG100 or ASTM D41	None	(Optional) Polystick MTS Plus, self-adhered and back-nailed using FBC HVHZ approved fasteners and plates, max. 12-inch o.c.	HydraGuard Tile Pro, Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using FBC HVHZ approved fasteners and plates, max. 12-inch o.c.	-202.5
UDL-8.	Structural concrete	PG100 or ASTM D41	None	None	Elastoflex S6 G, applied in full mopping of hot asphalt and back-nailed using FBC HVHZ approved fasteners and plates, max. 12-inch o.c. or Polyflex G, torch-applied and back-nailed using FBC HVHZ approved fasteners and plates, max. 12-inch o.c.	-622.5

TABLE 4B: ALLOWABLE DESIGN PRESSURES, 2-PLY UNDERLAYMENT SYSTEMS

SYSTEM NO.	DECK	BASE SHEET		BASE PLY	CAP PLY	MDP (PSF)
		TYPE	ATTACH			
UDL-21.	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	Elastobase V (poly-film top surface)	11 ga. x 1.25-inch x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps; 6-inch o.c. at the 4-inch wide side laps and 6-inch o.c. at four (4) equally spaced staggered center rows. PG100 or ASTM D41 primer at all tin-caps.	Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-112.5
UDL-22.	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	PolyAnchor HV	12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps; 6-inch o.c. at the 2-inch wide side laps and 6-inch o.c. at three (3) equally spaced staggered center rows.	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps, max. 12-inch o.c.	-112.5
UDL-23.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	Elastobase V (sanded top surface for hot-asphalt or torch-applied cap or poly-film surface for torch-applied cap)	OMG #12 Standard Roofgrip or OMG #14 Heavy Duty with OMG 3" Round Metal Plates or OMG AccuTrac Flat Bottom Metal Plates (NOA 22-0614.06); 6-inch o.c. at the 4-inch wide side laps and 6-inch o.c. at five (5) equally spaced staggered center rows.	None	Elastoflex S6 G, applied in full mopping of hot asphalt and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c. or Polyflex G, torch-applied and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-120.0
UDL-24.	New: Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category Reroof: Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	Elastobase V (sanded top surface)	Trufast #12 DP or Trufast #14 HD with Trufast 3" Metal Insulation Plates (NOA 22-1214.02); 6-inch o.c. at the 4-inch wide side laps and 6-inch o.c. at five (5) equally spaced staggered center rows.	None	Elastoflex S6 G, applied in full mopping of hot asphalt and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	-120.0
UDL-25.	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	PolyAnchor HV	12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps; 5-inch o.c. at the 4-inch wide side laps and 5-inch o.c. at three (3) equally spaced staggered center rows.	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps, max. 12-inch o.c.	-120.0
UDL-26.	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	PolyAnchor HV	12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps; 6-inch o.c. at the 4-inch wide side laps and 6-inch o.c. at four (4) equally spaced staggered center rows.	(Optional) Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1¼" ring shank nails through 32 ga., 1-5/8" diameter tin caps spaced 12-inch o.c.	Polyflex SA P, Polyflex SA P FR, Polystick TU Max, Polystick TU P, Polystick TU Plus or Polystick MTS Plus, self-adhered and back-nailed using 12 ga. x 1.25-inch long x 3/8-inch head diameter annular ring shank roofing nails with 32 ga., 1-5/8-inch diameter tin caps, max. 12-inch o.c.	-135.0

5.9 Exposure Limitations:

TABLE 4: EXPOSURE LIMITATIONS		
UNDERLAYMENT	PREPARED ROOF COVER INSTALLATION TYPE	MAXIMUM EXPOSURE (DAYS)
Elastobase V, Elastobase P, Polyglass G2 Base or PolyAnchor HV	Mechanically attached	30
Polystick IR-Xe	Mechanically attached	90
Polystick MTS Plus, Polystick TU Max, Polystick TU P or Polystick XFR	Any type (per Table 2)	180
Polystick TU Plus	Any type (per Table 2)	360
Elastoflex S6 G or Polyflex SA P	Adhesive-set tile roof system	180
Elastoflex S6 G, Elastoflex S6 G FR, Polyflex G, Polyflex G FR, Polyflex SA P or Polyflex SA P FR	Mechanically attached	UNLIMITED

5.10 Tile Slippage Limitations: When loading roof tiles on the underlayment, the maximum roof pitch shall be as follows. These pitch limitations can only be exceeded by using battens during loading of the roof tiles.

TABLE 5: TILE SLIPPAGE LIMITATIONS			
UNDERLAYMENT	TILE PROFILE	STAGING METHOD	MAXIMUM STAGING PITCH
Elastoflex S6 G or S6 G FR	Flat or Lugged	6-tile stack (4 over 2)	Prohibited without battens
Polyflex G or G FR	Flat or Lugged	6-tile stack (4 over 2)	4:12
Polyflex SA P or SA P FR	Flat or Lugged	6-tile stack (4 over 2)	4:12
Polystick MTS Plus	Flat	6-tile stack (4 over 2)	5:12
	Lugged	6-tile stack (4 over 2)	4:12
Polystick TU Max	Flat	6-tile stack (4 over 2) or 10-tile stack	7:12
	Lugged	6-tile stack (4 over 2)	7:12
	Lugged	10-tile stack	6:12
Polystick TU P	Flat or Lugged	6-tile stack (4 over 2)	7:12
Polystick TU Plus	Flat or Lugged	6-tile stack (4 over 2)	7:12
	Flat or Lugged	10-tile stack	6:12
Polystick XFR	Flat or Lugged	Prohibited without battens	Prohibited without battens

6. INSTALLATION:

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

6.1.1 Consult Polyglass requirements for back-nailing at pitch 2:12 or greater.

6.1.2 All fabric-surfaced, aggregate-surfaced and granule-surfaced end-laps shall have a 6-inch wide, uniform layer of PG500 or POLYPLUS 50 applied within the end-lap.

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

6.3 Refer to Section 6.4 for underlayments having prescriptive codified minimum attachment or Tables 4A and 4B for underlayment systems having maximum design pressures, determined in accordance with Section 7 of TAS 103.

6.4 Assemblies with Prescriptive Minimum Attachment:

6.4.1

DECK TYPE 1:	Wood, Non-Insulated
DECK DESCRIPTION:	Min. 19/32" plywood or wood plank
SYSTEM TYPE E:	Underlayment mechanically fastened to deck
UNDERLAYMENT:	One or more plies of Elastobase V, Elastobase P or PolyAnchor HV with a minimum 4-inch side lap and 6-inch end lap, mechanically fastened to deck.
FASTENING:	FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5), 6-inch o.c. at the lap-edges and 12-inch o.c. in a grid-pattern between the overlaps.
SURFACING:	Refer to Table 2.

6.4.2

DECK TYPE 1:	Wood, Non-Insulated
DECK DESCRIPTION:	Min. 19/32" plywood or wood plank
SYSTEM TYPE E:	Base sheet mechanically fastened to deck; underlayment adhered to base sheet
BASE SHEET:	One or more plies of Elastobase V, Elastobase P, PolyAnchor HV or FBC HVHZ Approved ASTM D226, Type II felt with a minimum 4-inch side lap and 6-inch end lap, mechanically fastened to deck.
FASTENING:	FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5), 6-inch o.c. at the lap-edges and 12-inch o.c. in a grid-pattern between the overlaps.
CAP PLY:	Polystick IR-Xe self-adhering and back-nailed max. 12-inch o.c. using FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5).
SURFACING:	Refer to Table 2.

6.4.3

DECK TYPE 1:	Wood, Non-Insulated
DECK DESCRIPTION:	Min. 19/32" plywood or wood plank
SYSTEM TYPE E:	Base sheet mechanically fastened to deck; underlayment adhered to base sheet
BASE SHEET:	One or more plies of Elastobase V, Elastobase P, Polyanchor HV or FBC HVHZ Approved ASTM D226, Type II felt with a minimum 4-inch side lap and 6-inch end lap, mechanically fastened to deck.
FASTENING:	FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5), 6-inch o.c. at the lap-edges and 12-inch o.c. in a grid-pattern between the overlaps.
BASE PLY:	(Optional) Polystick MTS Plus or Polystick XFR, self-adhering and back-nailed max. 12-inch o.c. using FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5)
CAP PLY:	Polystick MTS Plus, Polystick TU Max, Polystick TU Plus or Polystick XFR, self-adhering and back-nailed max. 12-inch o.c. using FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5).
SURFACING:	Refer to Table 2. Refer to Table 5 for tile stagging limitations.

6.4.13	DECK TYPE 3:	Structural concrete, non-insulated
	DECK DESCRIPTION:	Min. 2,500 psi structural concrete
	SYSTEM TYPE F:	Underlayment adhered
	PRIMER:	ASTM D41
	UNDERLAYMENT:	Elastoflex S6 G applied in hot asphalt and back-nailed max. 12-inch o.c. using FBC HVHZ Approved concrete deck fasteners and stress plates in accordance with Polyglass' installation instructions.
	SURFACING:	FBC HVHZ Approved adhesive-set tile roof system. Refer to Table 2A for allowable tile adhesives. Refer to Table 5 for tile stagging limitations.

6.4.14	DECK TYPE 3:	Structural concrete, non-insulated
	DECK DESCRIPTION:	Min. 2,500 psi structural concrete
	SYSTEM TYPE F:	Underlayment adhered
	PRIMER:	ASTM D41
	BASE PLY:	(Optional) Polystick MTS Plus, self-adhering back-nailed max. 12-inch o.c. using FBC HVHZ Approved concrete deck fasteners and stress plates in accordance with Polyglass' installation instructions.
	CAP PLY:	Polystick TU Max, Polystick TU P, Polystick TU Plus or Polyflex SA P, self-adhering and back-nailed max. 12-inch o.c. using FBC HVHZ Approved concrete deck fasteners and stress plates in accordance with Polyglass' installation instructions.
	SURFACING:	FBC HVHZ Approved adhesive-set tile roof system. Refer to Table 2A for allowable tile adhesives. Refer to Table 5 for tile stagging limitations.

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to Section 4 herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

UL, LLC – QUA9625: (360) 817-5512; bsai.inspections@ul.com

- END OF PEER -

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

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/economy

NOTICE OF ACCEPTANCE (NOA)

Polyglass USA Inc.
1111 W. Newport Center Drive
Deerfield Beach, FL 33442

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: 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 NOA revises NOA# 21-1217.02 and consists of pages 1 through 12.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS, APP

PRODUCTS DESCRIPTION:

Product	Dimensions	Test Specification	Product Description
Polystick IR-Xe *Manufacturing Location* #1, #2, & #3	65' x 3' Or 33.4' x 3' 60 mils thick	ASTM D1970	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.
Polystick MU-X *Manufacturing Location #1, #2, & #4*	65' x 3' 60 mils thick	ASTM D1970	A polypropylene film surface self-adhering, SBS polymer modified, fiberglass reinforced, bituminious sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield.
Polystick TU Max *Manufacturing Location* #1, #2, & #3	65'8" x 3'3-3/8" 60 mils thick	TAS 103	A rubberized asphalt self-adhering, polyester reinforced waterproofing membrane. Designed as a a roof tile underlayment.
Polystick TU P *Manufacturing Location* #1, #2, & #3	32'10" x 3'3-$^{3}/_{8}$" 130 mils thick	TAS 103	A rubberized asphalt waterproofing membrane, glass-fiber/polyester reinforced, with a granular surface designed for use as a tile roof underlayment.
Polystick TU Plus (Surface Printing) *Manufacturing Location* #1, #2, #3, & #5	65' x 3'3-$^{3}/_{8}$" 80 mils thick	TAS 103	A rubberized asphalt self-adhering, glass-fiber/polyester reinforced waterproofing membrane. Designed as a metal roofing and roof tile underlayment.
HydraGuard Dual Pro *Manufacturing Location #1, #2, #3, & #5*	65' x 3'3-$^{3}/_{8}$" 80 mils thick	TAS 103	A rubberized asphalt self-adhering, glass-fiber/polyester reinforced waterproofing membrane. Designed as a metal roofing and roof tile underlayment.
HydraGuard Tile Pro *Manufacturing Location #1, #2, #3, & #5*	65' x 3'3-$^{3}/_{8}$" 80 mils thick	TAS 103	A rubberized asphalt self-adhering, glass-fiber/polyester reinforced waterproofing membrane. Designed as a metal roofing and roof tile underlayment.
Polystick MTS *Manufacturing Location* #1, #2, #3, and #4	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.

PRODUCTS DESCRIPTION:

Product	Dimensions	Test Specification	Product Description
Polystick MTS *Manufacturing Location* #5	65'8" x 3'3-$^{3}/_{8}$" 60 mils thick	ASTM D 1970	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 MTS Plus *Manufacturing Location* #1, #2, #3, & #4	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 MTS Plus *Manufacturing Location* #5	65'8" x 3'3-$^{3}/_{8}$" 60 mils thick	ASTM D 1970	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.
Elastoflex S6 G *Manufacturing Location* #1 & #2	32'10" x 3'3-⅜"	TAS 103 and ASTM D6164	Polyester reinforced, SBS modified bitumen membrane with a sanded back face and a granule top surface. For use in roof tile underlayment systems.
Polyflex SA P *Manufacturing Location* #2 & #3	32' 10" x 3' 3-$^{3}/_{8}$"	TAS 103 and ASTM D6222	Self-adhered, polyester reinforced, APP modified bitumen membrane with a self-adhering back face and a granule top surface.
ELASTOFLEX SA V *Manufacturing Location* #3 & #4	65' 8" x 3' 3-$^{3}/_{8}$"	ASTM D1970	Self-adhered, fiberglass reinforced, SBS modified bitumen base or interplay membrane with a self-adhering back face and a smooth top surface.

MANUFACTURING PLANTS:

1. Hazelton, PA
2. Winter Haven, FL
3. Waco, TX
4. Fernley, NV
5. Ponte di Piave TV, Italy

EVIDENCE SUBMITTED

Test Agency	Test Identifier	Test Name/Report	Date
PRI	DAPF-002-02-01	ASTM D1623	03/08/18
Trinity | ERD	P40390.10.12	ASTM D 1970	10/03/12
	P37590.07.13-1	ASTM D6164	07/02/13
	P45270.05.14	TAS 103, TAS 110 & ASTM D1623	05/12/14
	P46520.10.14	ASTM D1623	10/03/14
	P44360.10.14-R1	TAS 103 & TAS 110	10/07/14
	P43290.10.14-R1	ASTM D 1970 & TAS 110	10/17/14
	PLYG-SC7550.03.15	TAS 103 & ASTM D4798	03/24/15
	PLYG-SC10130.06.16-3	TAS 103 & TAS 110	06/27/16
	PLYG-SC10130.06.16-1	ASTM D1970 & TAS 110	06/27/16
	PLYG-SC10130.09.16	ASTM D1623	09/22/16
	PLYG-SC13035.08.17	TAS 103 & ASTM D4798	10/31/17
NEMO ETC, LLC	PLYG-SC13320.10.17-R1	TAS 103	10/25/17
	4-PLYG-18-004.03.18	ASTM D1970	03/29/18
	4j-PLYG-19-SSUDL-00.A	ASTM D1970	09/10/19
	4S-PLYG-18-004.10.19-G	TAS 103	10/08/19
	4S-PLYG-18-004.10.19-I	TAS 103	10/08/19
	4S-PLYG-18-004.10-19-L	TAS 103	10/09/19
	4S-PLYG-18-004.12.19-F	TAS 103	12/18/19
	4j-PLYG-19-SSUDL-02.A	TAS 103	01/02/20
	4S-PLYG-18-004.01.20-H	ASTM D1970	01/14/20
	4S-PLYG-18-004.01.20.K	ASTM D1970	01/14/20
	4S-PLYG-18-004.01.20.A	TAS 103	01/16/20
	4S-PLYG-18-004.01.20.B	ASTM D6164	01/16/20
	4p-DOW-19-SSLAP-01.A.R2	ASTM D1623	02/10/20
	PLYG-SC15855.05.20-A	TAS 103 & TAS 110	05/29/20
	4S-PLYG-18-004.12.19.D	ASTM D1970	10/27/20
	4j-PLYG-19-SSUDL-01.A	TAS 103	11/18/20
	4j-PLYG-20-SSUDL-05.C	TAS 103	11/19/20
	4j-PLYG-20-SSUDL-05.A	ASTM D1970	11/19/20
	4p-ICP-20-SSLAP-03.A-R1	ASTM D1623	03/04/21
	PLYG-SC15855.06.20-B	ASTM D4073	05/12/21
	4j-PLYG-21-SSUDL-03.A	ASTM D1970	10/29/21
	4j-PLYG-20-SSUDL-07.A	ASTM D1623	10/29/21
	4j-PLYG-20-SSUDL-09.A	TAS 103	10/29/21
	4j-PLYG-21-SSUDL-04.B	ASTM D1970	01/17/22
	4j-PLYG-21-SSUDL-09.A	ASTM D1970	02/14/22
	4j-PLYG-21-SSUDL-04.A.R1	TAS 103	07/05/22
	4j-PLYG-22-SSUDL-01.A	ASTM D1970	09/08/22
	4j-PLYG-22-SSUDL-02.A	ASTM D1970	09/08/22
	4j-PLYG-22-SSUDL-03.A	ASTM D1970	09/08/22
	4j-PLYG-21-SSUDL-02.A	ASTM D4073	10/12/22

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.

INSTALLATION PROCEDURES:

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E(1):	Anchor sheet mechanically fastened to deck, membrane adhered
Anchor/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:	**Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Polyflex SA P or ELASTOFLEX SA V**, self-adhered.
Surfacing:	See General Limitations Below.

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E(2):	Anchor sheet mechanically fastened to deck, membrane adhered
Anchor/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:	**Elastoflex S6 G**, hot asphalt applied.
Surfacing:	See General Limitations Below.

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E(3):	Base sheet mechanically fastened to deck, subsequent cap membrane self- adhered.
Anchor/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)
Ply Sheet:	**Polystick MTS or Polystick MTS Plus**, self-adhered with minimum 3" horizontal laps and minimum 6" vertical laps.
Membrane:	**Polystick TU Plus**, **HydraGuard Tile Pro or HydraGuard Dual Pro,** self-adhered.
Surfacing:	See General Limitations Below.

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E(4):	Base sheet mechanically fastened to deck, subsequent cap membrane self- adhered.
Anchor/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)
Ply Sheet:	**Polystick MTS or Polystick MTS Plus**, self-adhered with minimum 3" horizontal laps and minimum 6" vertical laps.
Membrane:	**Polystick TU Max**, self-adhered.
Surfacing:	See General Limitations Below.

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32" plywood or wood plank
System Type E(5):	Base sheet mechanically fastened to deck, subsequent cap membrane self- adhered.
Anchor/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)
Ply Sheet:	**Polystick MTS or Polystick MTS Plus**, self-adhered with minimum 3" horizontal laps and minimum 6" vertical laps.
Membrane:	**Polystick TU P***, self-adhered. **This 2-Ply System will only use the Waco, TX plant.*
Surfacing:	See General Limitations Below.

Deck Type 1:	Wood, non-insulated
Deck Description:	Min. 19/32” plywood or wood plank
System Type E(6):	Base sheet mechanically fastened to deck, subsequent cap membrane self- adhered.
Anchor/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)
Ply Sheet:	**Polystick MTS or Polystick MTS Plus**, self-adhered with minimum 3” horizontal laps and minimum 6” vertical laps.
Membrane:	**Polystick MTS or Polystick MTS Plus**, self-adhered.
Surfacing:	See General Limitations Below.

INSTALLATION REQUIREMENTS:

1. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose deck panels, and sweep the deck thoroughly to re move 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” 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 Polystick 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 Polystick shall be applied over the underlayment.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance.

2. **Polystick TU Plus, HydraGuard Dual Pro, and HydraGuard Tile Pro** may be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, adhered roof tile using adhesives listed in the table below, and mechanically fastened roof tile systems and quarry slate roof assemblies.

Polystick MTS, and Polystick MTS Plus may be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, mechanically fastened roof tile systems and quarry slate roof assemblies.

Polystick TU P may be used in asphaltic shingles, wood shakes and shingles, adhered roof tile using adhesives listed in the table below, and mechanically fastened roof tile systems and quarry slate roof assemblies.

Polystick IR-Xe may be used in asphaltic shingles, wood shakes and shingles, and quarry slate roof assemblies.

Polystick TU Max may be used in non-structural metal roofing, adhered roof tile using adhesives listed in the table below, and mechanically fastened roof tile systems.

Elastoflex S6 G, and Polyflex SA P may be used in adhered roof tile using adhesives listed in the table below and mechanically fastened roof tile systems.

ELASTOFLEX SA V may be used in asphaltic shingles, wood shakes and shingles, non-structural metal roofing, mechanically fastened roof tile systems and quarry slate roof assemblies.

Roof Tile Adhesives Approved for Use with Tile Underlayment				
	ICP Adhesive Polyset RTA-1	**ICP Adhesive Polyset AH-160**	**DAP Storm Bond® 2 Roof Tile Adhesive**	**DuPont TILE BOND™ Roof Tile Adhesive**
Polystick TU Plus	yes	yes	yes	yes
HydraGuard Dual Pro	yes	yes	yes	yes
HydraGuard Tile Pro	yes	yes	yes	yes
Polystick TU P	yes	yes	yes	n/a
Polystick TU Max	yes	yes	yes	yes
Elastoflex S6 G	yes	yes	n/a	n/a
Polyflex SA P	n/a	yes	n/a	n/a

3. Deck requirements shall be in compliance with applicable building code.

4. **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** shall be applied to a smooth, clean and dry surface. The deck shall be free of irregularities.

5. **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** shall not be adhered directly over a pre-existing roof membrane as a recover system.

6. **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** 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 preceeding maximum time limitations.

Exposure Limitations (Days)					
	Winter Haven, FL	**Hazelton, PA**	**Waco, TX**	**Fernley, NV**	**Ponte di Piave TV, Italy**
Polystick MTS	180	180	180	180	n/a
Polystick IR-Xe	90	90	90	n/a	n/a
Elastoflex S6 G	180	180	n/a	n/a	n/a
Polystick TU Plus	180	180	180	n/a	180
Polystick TU P	180	180	180	n/a	n/a
Polystick TU Max	180	180	180	n/a	n/a
Polystick MTS Plus	180	180	180	180	n/a
Polystick MU-X	180	180	n/a	180	n/a
HydraGuard Dual Pro	180	180	180	n/a	180
HydraGuard Tile Pro	180	180	180	n/a	180
Polyflex SA P	180	n/a	180	n/a	n/a
ELASTOFLEX SA V	n/a	n/a	30	30	n/a

7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

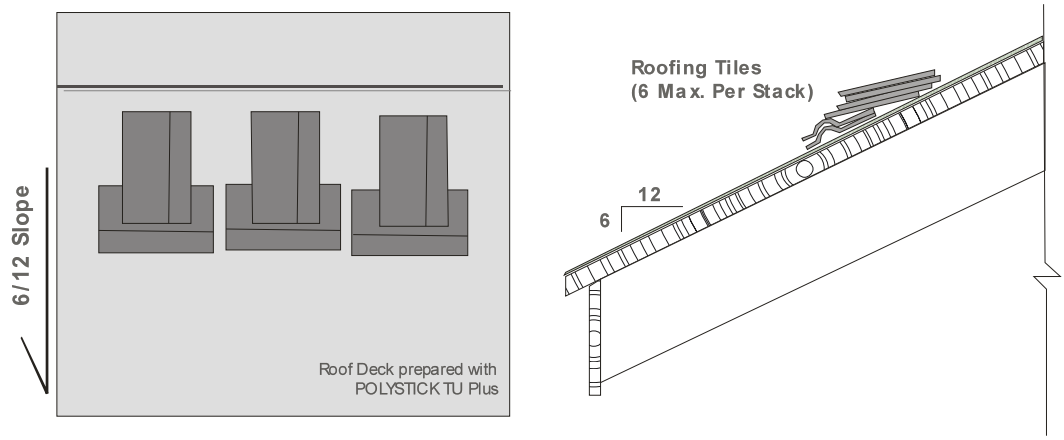
8. When loading roof tiles on roof tile underlayment for (direct-to-deck) tile assemblies, the maximum roof slope shall be as follows: (See Table Below)

Tile Slippage Limitations for Direct-to-Deck Tile Assemblies			
Underlayment	**Tile Profile**	**Staging Method**	**Maximum Slope**
Elastoflex S6 G	Flat / Profiled	Max. 6-tile stack (4 over 2)	4:12
Polystick TU P	Flat / Profiled	Max. 6-tile stack (4 over 2)	6:12
Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro	Flat / Profiled	Max. 6-tile stack (4 over 2)	7:12
Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro	Flat / Profiled	Max. 10-tile stack	6:12
Polystick TU Max	Flat / Profiled	Max. 6-tile stack (4 over 2)	6:12
Polystick MTS, MTS Plus	Flat Tile	Max. 6-tile stack (4 over 2)	5:12
	Profiled Tile	Max. 6-tile stack (4 over 2)	4:12
	Profiled Tile	Max. 6-tile stack (4 over 2)	5:12

Polystick Two-Ply Underlayment Systems			
Polystick MTS Plus with Polystick TU Plus, HydraGuard Dual Pro or HydraGuard Tile Pro	Flat Tile	Max. 6-tile stack (4 over 2)	7:12
	Profiled Tile	Max. 6-tile stack (4 over 2)	6:12
Polystick MTS Plus with Polystick TU Max	Flat Tile	Max. 6-tile stack (4 over 2)	7:12
	Profiled Tile	Max. 6-tile stack (4 over 2)	6:12
Polystick MTS Plus with Polystick TU P	Flat Tile	Max. 6-tile stack (4 over 2)	6:12
	Profiled Tile	Max. 6-tile stack (4 over 2)	5:12

The above slope limitations can be exceeded only by using battens in accordance with the Approved Tile System Notice of Acceptance and applicable Florida Building Code requirements. When battens are required, they shall be utilized during loading and installation of tiles.

9. 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 – two tiles laid perpendicular to slope followed by a maximum four tile stack parallel to the slope, for a total of 6 tiles.



10. Refer to prepared roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products. **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** may be used with any approved roof covering Notice of Acceptance listing **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** as a component part of an assembly in the Notice of Acceptance. If **Polystick IR-Xe, Polystick MU-X, Polystick TU Max, Polystick TU P, Polystick TU Plus, HydraGuard Dual Pro, HydraGuard Tile Pro, Polystick MTS, Polystick MTS Plus, Elastoflex S6 G, Polyflex SA P or ELASTOFLEX SA V** are not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Section for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.

POLYGLASS GENERAL APPLICATION GUIDELINES FOR POLYSTICK MEMBRANES

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

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, HydraGuard Dual Pro or HydraGuard Tile Pro 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 ⅝" metal disk as required in Miami-Dade County or simplex type nail as otherwise allowable in other regions, at a minimum rate of 12" o.c. Polystick TU Plus, HydraGuard Dual Pro or HydraGuard Tile Pro 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 50, XtraFlex 50 Premium Modified Wet/Dry Cement or Polyglass PG 500 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 #8 and #9.

6. Battens and/or Counter-battens, as required by the tile manufacturers NOA, 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 50, XtraFlex 50 Premium Modified Wet/Dry Cement or Polyglass PG 500 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 35 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 can be furnished upon request by our Technical Services Department by calling 1 (800) 894-4563.

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

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

NOTICE OF ACCEPTANCE (NOA)

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/economy

ICP Adhesives and Sealants, Inc.
12505 NW 44th Street
Coral Springs, FL. 33065

SCOPE:

Text

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: Polyset® AH-160

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 renews NOA 20-1124.07 and consists of pages 1 through 11.
The submitted documentation was reviewed by Alex Tigera.

ROOFING COMPONENT APPROVAL:

Category: Roofing
Sub Category: Roof tile adhesive
Materials: Polyurethane

SCOPE:

This approves **Polyset® AH-160** as manufactured by **ICP Adhesives and Sealants, Inc.** as described in this Notice of Acceptance. For the locations where the design pressure requirements, as determined by applicable building code, do not exceed the design pressure values obtained by calculations in compliance with Roofing Application Standard RAS 127. For use with approved flat, low, and high profile roof tile systems using Polyset® AH-160.

PRODUCTS MANUFACTURED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
Polyset®AH-160	N/A	TAS 101	Two component polyurethane foam adhesive
ICP Adhesives Foam Dispenser RTF1000	N/A		Dispensing Equipment
ICP Adhesives ProPack® 30 & 100	N/A		Dispensing Equipment

PRODUCTS MANUFACTURED BY OTHERS:

Any Miami-Dade County Product Control Accepted Roof Tile Assembly having a current NOA which list attachment resistance values with the use of Polyset® AH-160 roof tile adhesive.

MANUFACTURING LOCATION:

1. Tomball, TX.

PHYSICAL PROPERTIES:

Property	Test	Results
Density @ 73ºF	ASTM D1622	2.1 lbs./ft.³
Compressive Strength	ASTM D1621	18 PSI Parallel to rise 14 PSI Perpendicular to rise
Tensile Strength	ASTM D1623	29 PSI Parallel to rise
Water Absorption	ASTM D2842	0%
Moisture Vapor Transmission	ASTM E96	2.3 Perms
Dimensional Stability	ASTM D2126	+0.07% Volume Change @ -40º F., 2 weeks +6.0% Volume Change @158ºF., 100% Humidity, 2 weeks
Closed Cell Content	ASTM D6226	94%

Note: The physical properties listed above are presented as typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Center for Applied Engineering	#94-060	TAS 101	04/08/94
	257818-1PA	TAS 101	12/16/96
	25-7438-3	SSTD 11-93	10/25/95
	25-7438-4		
	25-7438-7	SSTD 11-93	11/02/95
	25-7492	SSTD 11-93	12/12/95
Miles Laboratories Polymers Division	NB-589-631	ASTM D 1623	02/01/94
Ramtech Laboratories, Inc.	9637-92	ASTM E 108	04/30/93
Southwest Research Institute	01-6743-011	ASTM E 108	11/16/94
	01-6739-062b[1]	ASTM E 84	01/16/95
Trinity Engineering	7050.02.96-1	TAS 114	03/14/96
	P36700.04.12	ASTM D 1623	04/18/12
	P39740.02.12	TAS 101	02/21/12
		TAS 123	
Celotex Corp. Testing Services	528454-2-1	TAS 101	10/23/98
	528454-9-1		
	528454-10-1		
	520109-1	TAS 101	12/28/98
	520109-2		
	520109-3		
	520109-6		
	520109-7		
	520191-1	TAS 101	03/02/99
	520109-2-1		
NEMO ETC, LLC	4p-ICP-20-SSLAP-01.B	Physical Properties	11/11/20

LIMITATIONS:

1. Fire classification is not part of this acceptance. Refer to the Prepared Roof Tile Assembly for fire rating.
2. Polyset® AH-160 shall solely be used with flat, low, & high tile profiles.
3. Minimum underlayment shall be in compliance with the Roofing Application Standard RAS 120.
4. Roof Tile manufactures acquiring acceptance for the use of Polyset® AH-160 roof tile adhesive with their tile assemblies shall test in accordance with TAS 101.
5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

INSTALLATION:

1. Polyset® AH-160 may be used with any roof tile assembly having a current NOA that lists attachment resistance values with the use of Polyset® AH-160.
2. Polyset® AH-160 shall be applied in compliance with the Component Application section and the corresponding Placement Details noted herein. The roof tile assembly's adhesive attachment with the use of Polyset® AH-160 shall provide sufficient attachment resistance to meet or exceed the resistance value determined in compliance with Miami-Dade County Roofing Application Standards RAS 127. The adhesive attachment data is noted in the roof tile assembly NOA.
3. Polyset® AH-160 and its components shall be installed in accordance with Roofing Application Standard RAS 120, and ICP Adhesives and Sealants, Inc.'s Operating Instruction and Maintenance Booklet.
4. Installation must be by a Factory Trained 'Qualified Applicator' approved and licensed by ICP Adhesives and Sealants, Inc. ICP Adhesives and Sealants, Inc. shall supply a list of approved applicators to the authority having jurisdiction.
5. Calibration of the ICP Adhesives Foam Dispenser RTF1000 dispensing equipment is required before application of any adhesive. The mix ratio between the "A" component and the "B" component shall be maintained between 1.0-1.15 (A): 1.0 (B).
6. Polyset® AH-160 shall be applied with ICP Adhesives Foam Dispenser RTF1000 or ICP Adhesives ProPack® 30 & 100 dispensing equipment only.
7. Polyset® AH-160 shall not be exposed permanently to sunlight.
8. Tiles must be adhered in freshly applied adhesive. Tile must be set within 1 to 2 minutes after Polyset® AH-160 has been dispensed.
9. Polyset® AH-160 placement and minimum patty weight shall be in accordance with the 'Placement Details' herein. Each generic tile profile requires the specific placement noted herein.

Table 1: Adhesive Placement For Each Generic Tile Profile			
Tile Profile	**Placement Detail**	**Minimum Paddy Contact Area**	**Minimum Paddy Gram Weight**
Eave Course - Flat, Low, High Profiles	**All Eave Course**	**17-23 sq. inches**	**45-65**
Flat, Low, High Profiles	#1	17-23 sq. inches	45-65
Flat Profile	#2	10-12 sq. inches	30
Low Profile	#2	12-14 sq. inches	30
High Profile	#2	17-19 sq. inches	30
Flat, Low, High Profiles	#3	Two Paddys: 8-9 sq. inches at head of tile 9-11 sq. inches at overlap	12 grams per paddy
Two-Piece Barrel (Cap Tile)	Two Piece	2 Beads (1 each longitudinal edge) 20-25 sq. inches each bead	17 grams per bead
Two Piece Barrel (Pan Tile)	Two Piece	65-70 sq. inches	34 grams under pan

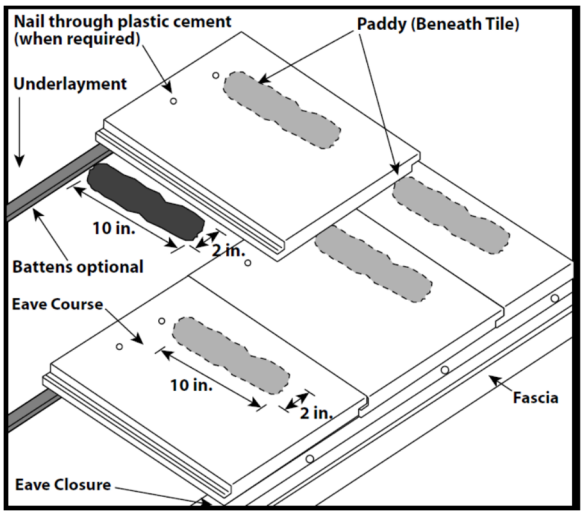
LABELING:

All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or applicable building code in order to properly evaluate the installation of this system.

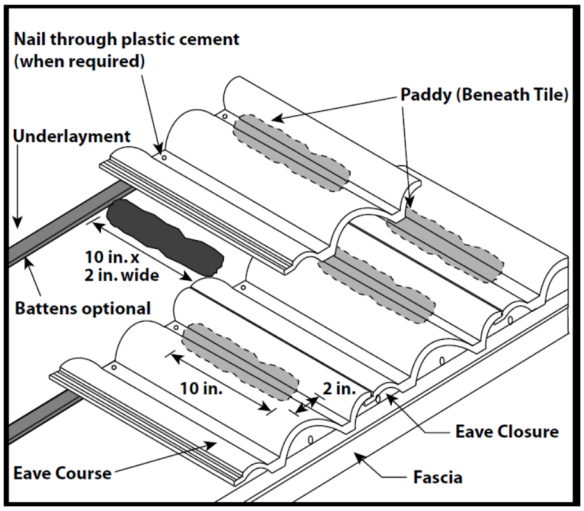
ADHESIVE PLACEMENT DETAIL # 1



Flat/Low Profile Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown, under the strengthening rib closest to the overlock of the tile being set.

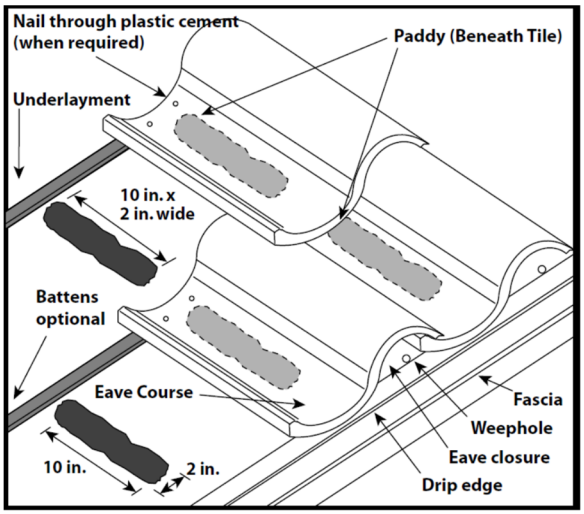
2. Continue in same manner. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.



Medium Profile / Double Pan Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.

2. Continue in same manner. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.

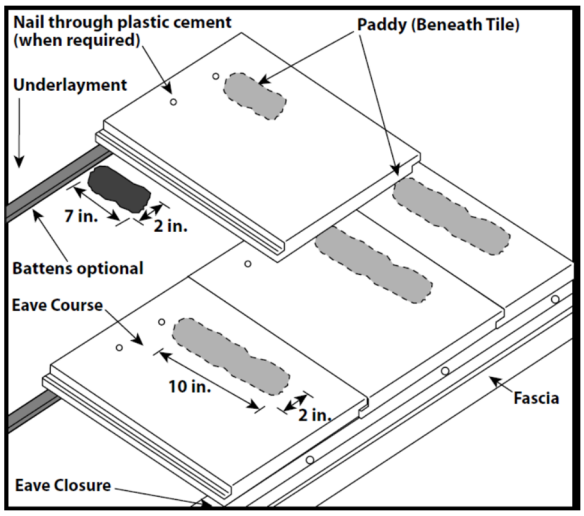


High Profile / Single Pan Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.

2. Continue in same manner. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.

ADHESIVE PLACEMENT DETAIL # 2

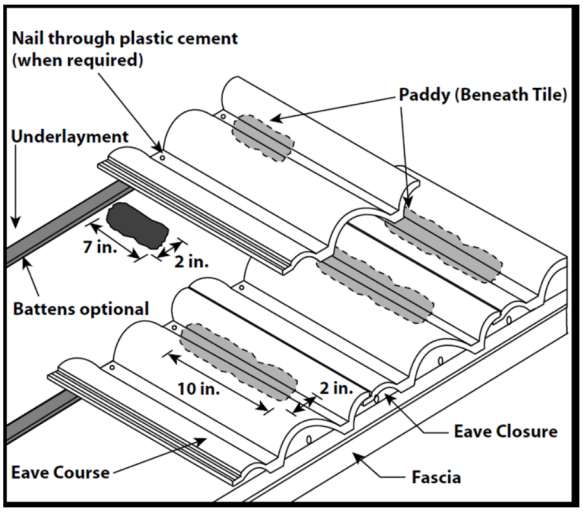


Flat/Low Profile Tile

1. Starting at the eave course, apply a minimum 2” (50.8 mm) x 10” (254 mm) x 1” (25.4 mm) foam paddy onto the underlayment positioned as shown under the strengthening rib of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.

2. At the second course, apply a minimum 2” (50.8mm) x 7” (177.8 mm) x 1” (25.4 mm) foam paddy onto the underlayment positioned as shown under the strengthening rib closest to the overlock of the tile being set.

3. Continue in same manner. Insure approximately 10” (64.5 cm^2) - 12 (77.4 cm^2) square inch adhesive contact with the underside of the tile.



Medium Profile / Double Pan Tile

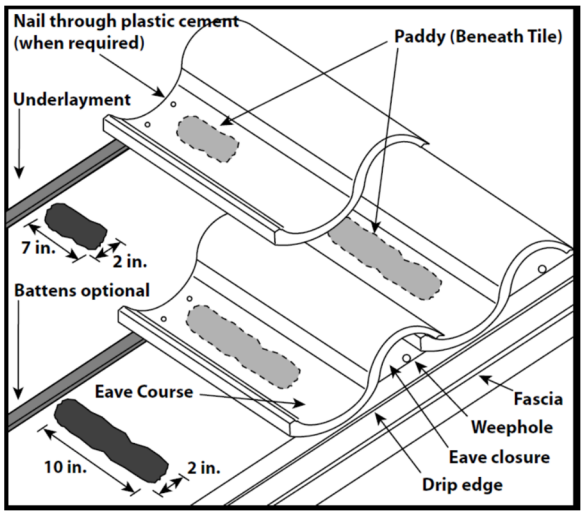
1. Starting at the eave course, apply a minimum 2” (50.8 mm) x 10” (254 mm) x 1” (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.

2. At the second course, apply a minimum 2” (50.8mm) x 7” (177.8 mm) x 1” (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.

3. Continue in same manner. Insure approximately 12” (77.4 cm2) - 14 (90.3 cm^2) square inch adhesive contact with the underside of the tile.

(Instructions continued on next page)

ADHESIVE PLACEMENT DETAIL # 2 (CONTINUED)



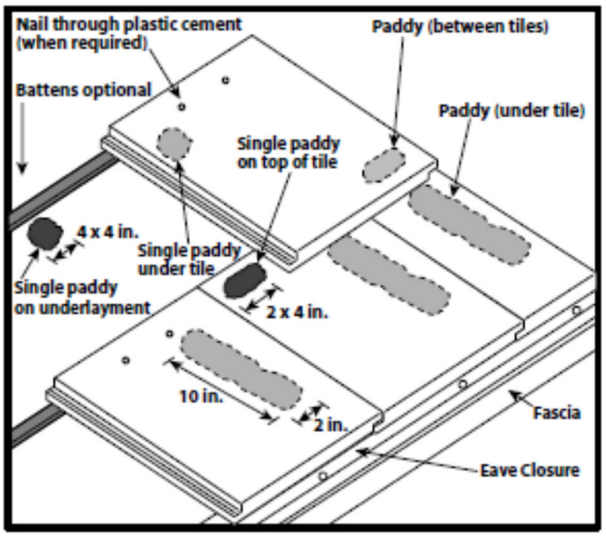
High Profile / Single Pan Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set. Insure approximately 17 (109.7 cm^2) – 23 (148.4 cm^2) square inch adhesive contact with the underside of the tile.

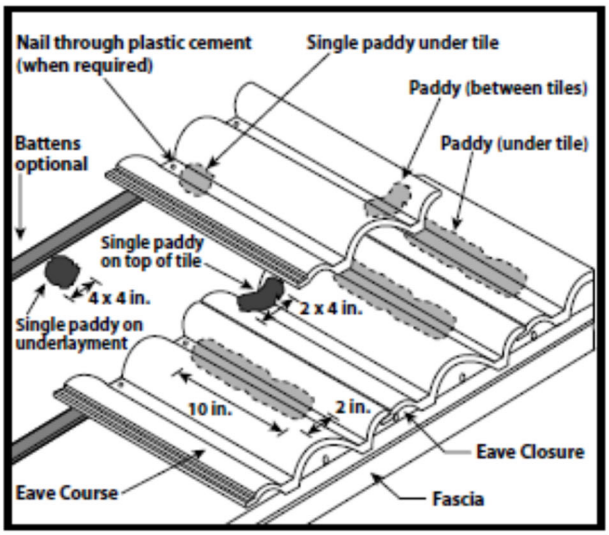
2. At the second course, apply a minimum 2" (50.8mm) x 7" (177.8 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under the pan portion of the tile closest to the overlock of the tile being set.

3. Continue in same manner. Insure approximately 17" (109.7 cm^2) - 19 (122.6 cm^2) square inch adhesive contact with the underside of the tile.

ADHESIVE PLACEMENT DETAIL # 3



Flat/Low Profile Tile



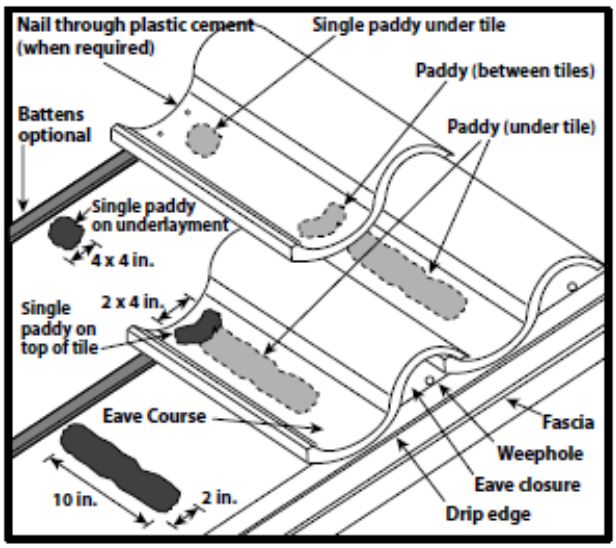
Medium Profile Tile

1. On the eave course only, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown, under the strengthening rib for flat tile or under the pan portion of the tile for low or high profile tile closest to the overlock of the tile being set. Leave approximately 4" (101.6 mm) up from the eave edge free of foam to prevent the expanded adhesive from blocking the weep holes. Insure approximately 17-23 in^2 (109.7-148.4 cm^2) of adhesive contact with the underside of the tile

2. Apply a 4" (101.6 mm) x 4" (101.6 mm) x 1" (25.4 mm) foam paddy onto the underlayment just below the second course line positioned foam paddy under the strengthening rib for flat tile, or under the pan portion of the tile, closest to the underlock for the second course tile to be installed. Insure approximately 8-9 in^2 (51.6-58.1 cm^2) of adhesive contact with the underside of the tile.

(Instructions continued on next page)

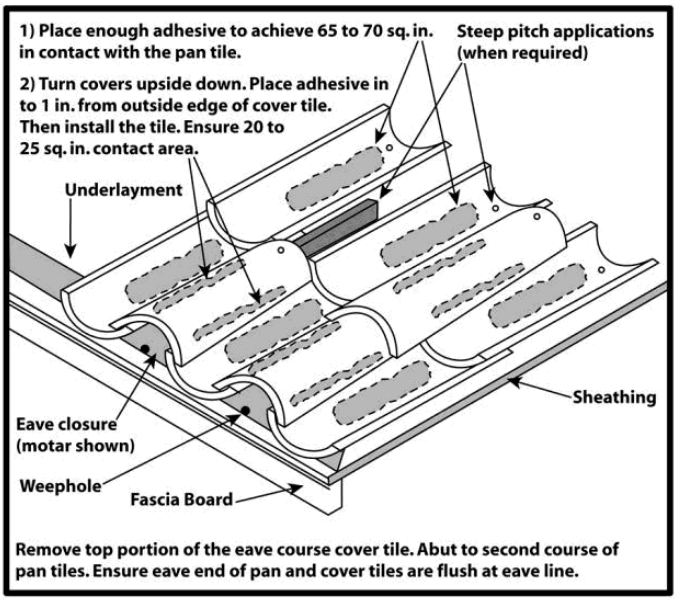
ADHESIVE PLACEMENT DETAIL # 3 (CONTINUED)



High Profile Tile

3. Also apply a 2" (50.8 mm) x 4" (101.6 mm) x ¾" (19 mm) paddy on top of the eave course tile surface as shown, on top of the strengthening rib for flat tile or on top of the pan portion of the tile, closest to the underlock of the first course of tile. Install second course of tile. Insure approximately 9 (58.1 cm^2) - 11 (71cm^2) square inch adhesive contact with the underside of the tile at the overlap and 7 (45.2 cm^2) - 9 (58.1 cm^2) square inch adhesive contact with the underside of the tile at the head of the tile. Continue in same manner.

ADHESIVE PLACEMENT DETAIL
TWO PIECE BARREL



Two Piece Barrel - High Profile Tile

Two Piece Barrel (Cap and Pan) Tile

1. Starting at the eave course, apply a minimum 2" (50.8 mm) x 10" (254 mm) x 1" (25.4 mm) foam paddy onto the underlayment positioned as shown under two adjacent pan tiles. Support eave tiles from rocking until adhesive has a chance to cure.

2. Continue in same manner bringing two pan courses up toward the ridge. Insure approximately 65 (419.4 cm^2) – 70 (451.6 cm^2) square inch adhesive contact with the underside of the pan tile.

3. Turn covers upside down exposing the underside of the tile. Apply a minimum 1" (25.4 mm) x 10" (254 mm) bead of adhesive directly on the inner edge of each side of the cover tile. Leave approximately 3/4" (19 mm) to 1" (25.4 mm) from the outside edge of the tile, inward, free of foam to allow for expansion.

4. Turn cover tile over after foam is applied and place onto pan tile course. Insure a minimum of 20 (129 cm^2) - 25 (161.3 cm^2) square inch contact area on each side of the cover tile to the pan tile. Continue in same manner. Trim away any cured exposed foam adhesive. Pointing of longitudinal edges of the cover tiles are considered optional.

5. When additional nailing is required, 2" (50.8 mm) x 4" (101.6 mm) nailers or the tie wire system using galvanized, stainless steel, or copper wire and compatible nails may be used.

END OF THIS ACCEPTANCE


57
Secured by
ADT
1-800-229-9200


57

Florida Building Code 8th Edition (2023)

High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

Section C (Low Sloped Roof Systems)

Fill in Specific Roof Assembly Components and Identify manufacturer
(If a component is not used, identify as "NA")

System Manufacturer: GAF

Product Approval # 23-1102.03

Design Wind Pressures, from RAS 128 or Calculations:

Zone 1': -37 Zone 1: -64 Zone 2: -84

Zone 3: -115

Max. Design Pressure, from the specific product approval system: 52.5

Deck Type: Plywood

Gauge / Thickness: 5/8"

Slope: 0.5/12

Anchor/ Base Sheet & No. of Ply(s): #75 Glassbase

Anchor/ Base Sheet Fastener/ Bonding Material: 1 1/4 RS NAIL & 1/5/8 tin cap

Insulation Base Layer: 1 High Density fiberboard

Base Insulation Size and Thickness: 2"

Base Insulation Fastener/ Bonding Material: Hot Mop Asphalt

Top Insulation Layer: NA

Top Insulation Size and Thickness: NA

Top Insulation Fastener/Bonding Material: NA

Base Sheet(s) & No. of Ply(s): NA

Base Sheet Fastener/ Bonding Material: NA

Ply Sheet(s) and No. of Ply(s): GAF Ruberoid 20(1)

Ply Sheet Fastener/ Bonding Material: Hot Mop Asphalt

Top Ply: GAF mineral Cap Sheet

Top Ply Fastener/ Bonding Material: Hot Mop Asphalt

Surfacing: NA

Fastener Spacing for Anchor/Base Sheet Attachment:

Zone 1' 9 " oc @ Laps, # Rows 2 @ 9 " oc

Zone 1 7 " oc @ Laps, # Rows 2 @ 7 " oc

Zone 2 5 " oc @ Laps # Rows 2 @ 5 " oc

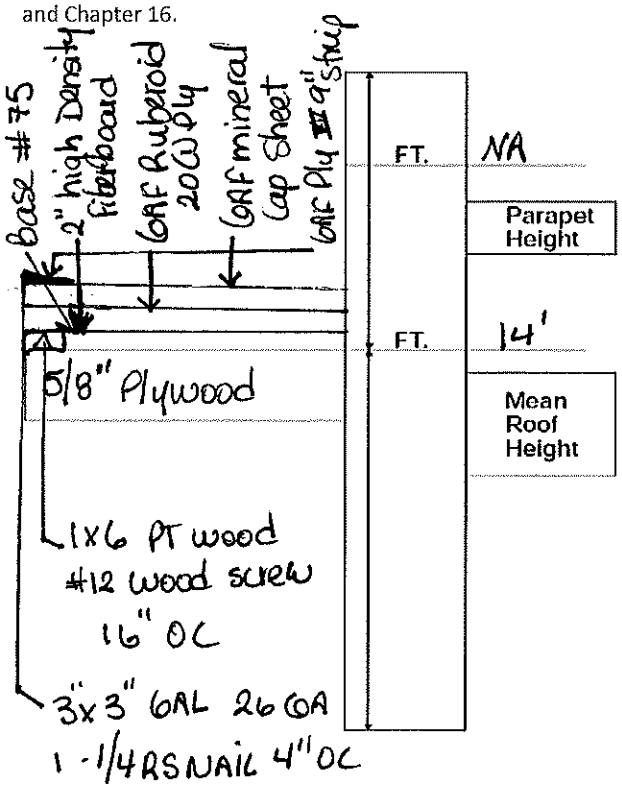
Zone 3 5 " oc @ Laps, # Rows 3 @ 5 " oc

Number of Fasteners Per Insulation Board

Zone 1': NA Zone1: NA Zone 2: NA Zone 3: NA

Illustrated Components Noted and Details as Applicable: Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counterflashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufactures Details that Comply with RAS 111 and Chapter 16.



OFFICE OF THE PROPERTY APPRAISER

Summary Report

Generated On: 03/15/2024

PROPERTY INFORMATION

Folio	03-4105-050-0100
Property Address	57 CAMPINA CT CORAL GABLES, FL 33134-1811
Owner	JONATHAN C RIVAS , ZULLY P PARDO
Mailing Address	57 CAMPINA CT CORAL GABLES, FL 33134
Primary Zone	0100 SINGLE FAMILY - GENERAL
Primary Land Use	0101 RESIDENTIAL - SINGLE FAMILY : 1 UNIT
Beds / Baths /Half	2 / 1 / 0
Floors	1
Living Units	1
Actual Area	1,550 Sq.Ft
Living Area	990 Sq.Ft
Adjusted Area	1,254 Sq.Ft
Lot Size	6,000 Sq.Ft
Year Built	1940

ASSESSMENT INFORMATION

Year	2023	2022	2021
Land Value	$403,166	$296,769	$223,769
Building Value	$103,079	$103,079	$78,250
Extra Feature Value	$0	$0	$0
Market Value	$506,245	$399,848	$302,019
Assessed Value	$140,054	$135,975	$132,015

BENEFITS INFORMATION

Benefit	Type	2023	2022	2021
Save Our Homes Cap	Assessment Reduction	$366,191	$263,873	$170,004
Homestead	Exemption	$25,000	$25,000	$25,000
Second Homestead	Exemption	$25,000	$25,000	$25,000

Note: Not all benefits are applicable to all Taxable Values (i.e. County, School Board, City, Regional).

SHORT LEGAL DESCRIPTION

CORAL GABLES FLAGLER STREET SEC
PB 10-12
E1/2 LOT 8 & LOT 9 BLK 3
LOT SIZE 60 X 100
OR 10093 1192 0678 1

TAXABLE VALUE INFORMATION

Year	2023	2022	2021
COUNTY			
Exemption Value	$50,000	$50,000	$50,000
Taxable Value	$90,054	$85,975	$82,015
SCHOOL BOARD			
Exemption Value	$25,000	$25,000	$25,000
Taxable Value	$115,054	$110,975	$107,015
CITY			
Exemption Value	$50,000	$50,000	$50,000
Taxable Value	$90,054	$85,975	$82,015
REGIONAL			
Exemption Value	$50,000	$50,000	$50,000
Taxable Value	$90,054	$85,975	$82,015

SALES INFORMATION

Previous Sale	Price	OR Book-Page	Qualification Description
04/26/2023	$650,000	33698-4616	Qual by exam of deed
06/01/1978	$47,500	10093-1192	Sales which are qualified
09/01/1976	$42,000	00000-00000	Sales which are qualified

MIAMI-DADE COUNTY

Regulatory and Economic Resources
Building Trade Section
11805 SW 26th Street (Coral Way) Room 137
Miami, Florida 33175-2474

miamidade.gov

OWNER'S AFFIDAVIT OF EXEMPTION
Roof-to-Wall Connection Hurricane Mitigation Retrofit for Existing Site-Built Single Family Residential Structures

OWNER'S NAME	ROOFING PERMIT NUMBER		DATE
Jonathan C. Rivas			3/14/24
PROPERTY ADDRESS	**CITY**	**STATE**	**ZIP**
57 campina ct	Coral Gables	FL	33134

Dear Building Official:

I, Jonathan C. Rivas property owner, certify that I am not required to retrofit the roof-to-wall connections of my building because of one of the following reasons (select one):

☐ The building has an insured value of $300,000 or less. **(Provide copy of homeowner's insurance), OR**

☑ Is uninsured or I cannot provide insurance documentation, and the just value of the structure for purposes of ad valorem taxation is less than $300,000. **(Provide a copy of the Miami-Dade County Property Appraiser's Assessment), OR**

☐ The building was constructed in compliance with the provisions of the Florida Building Code (FBC) or with the provisions of the 1994 edition of the South Florida Building Code (1994 SFBC). **(Provide a copy of the building permit) & (If built before 1994 provide a compliance letter from a Florida Registered Engineer or Architect), OR**

☐ The roof-to-wall connections at gables ends or all corners cannot be completed for 15% of the cost of roof replacement. **(Provide an estimate of costs for retrofit by a General Contractor)**

Signature of Property Owner

Jonathan Rivas
Print Name

STATE OF FLORIDA COUNTY OF MIAMI-DADE

Sworn to and subscribed before me by means of

☑ physical presence OR ☐ online notarizations

this 14 day of 3 ,20 24 ,

by Jonathan C Rivas

Signature of Notary Public

Print Name Carolina Rossello

Notary Public State of Florida
Carolina Rossello
My Commission HH 350356
Expires 1/17/2027

NOTARY
(SEAL)

Personally known ✓

or Produced Identification

Type of Identification Produced

Florida Building Code 8th Edition (2023)

High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

Section A (General Information)

Master Permit Number: _____ Process Number: _____

Contractor's Name: Florida Quality Roof Solution

Job Address: 57 Campina ct

ROOF CATEGORY

☑ Low Slope ☐ Mechanically Fastened Tile ☑ Mortar / Adhesive Set Tile

☐ Asphaltic Shingles ☐ Metal Panel/ Shingles ☐ Wood Shingles / Shakes

ROOF TYPE

☐ New Roof ☐ Repair ☐ Maintenance ☑ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION

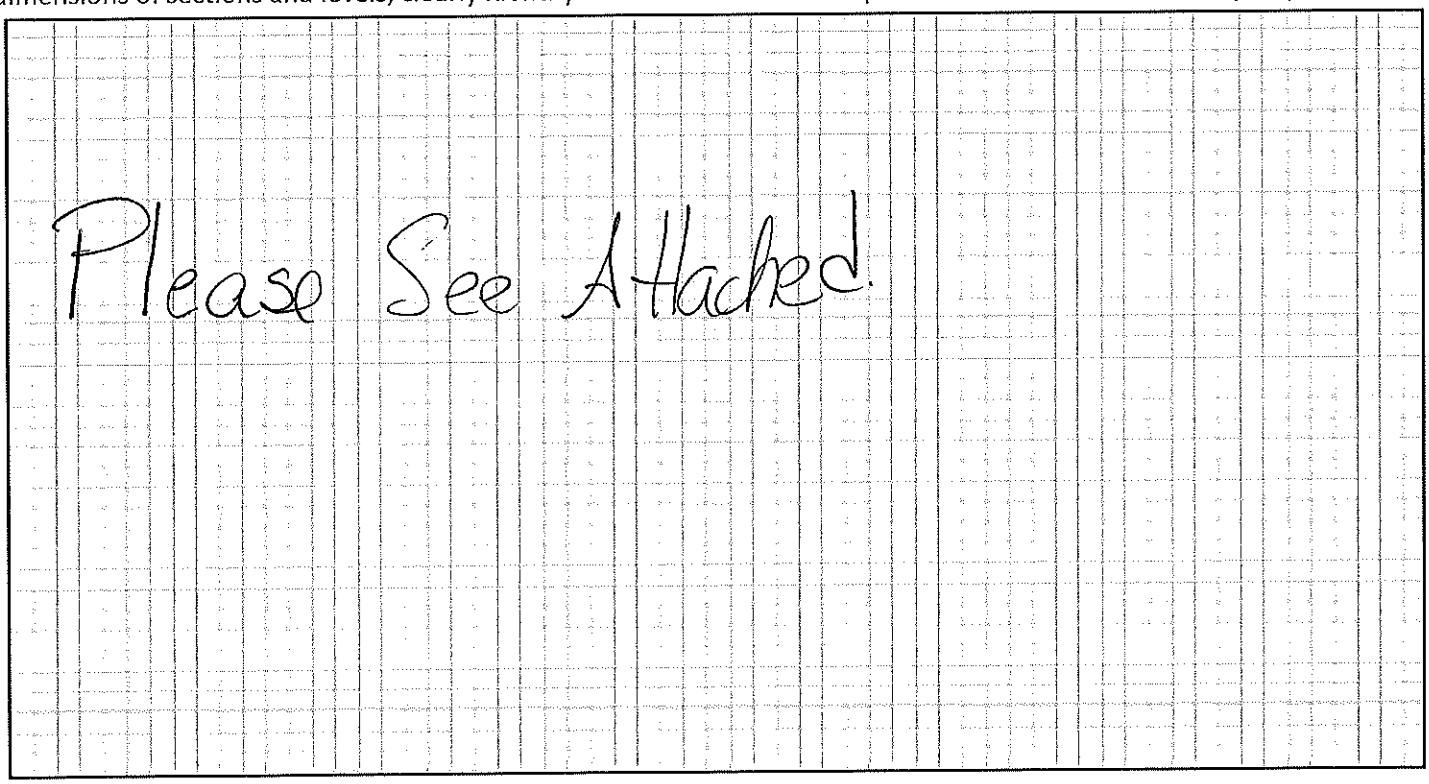
Low Slope Roof Area (ft^2)	Steep Sloped Roof Area (ft^2)	Total (ft^2)
274.8	1543	1817.80

Are there gas vents on the roof? ○ Yes ⊗ No If Yes what type? ○ Natural ○ LPX

Is there an existing roof top Solar System? ○ Yes ⊗ No If yes will it be reinstalled? ○ Yes ○ No

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.



ROOF AREA
57 CAMPINA CT CORAL GABLES FL 33134

Ridge
43' 10"

Hip
—

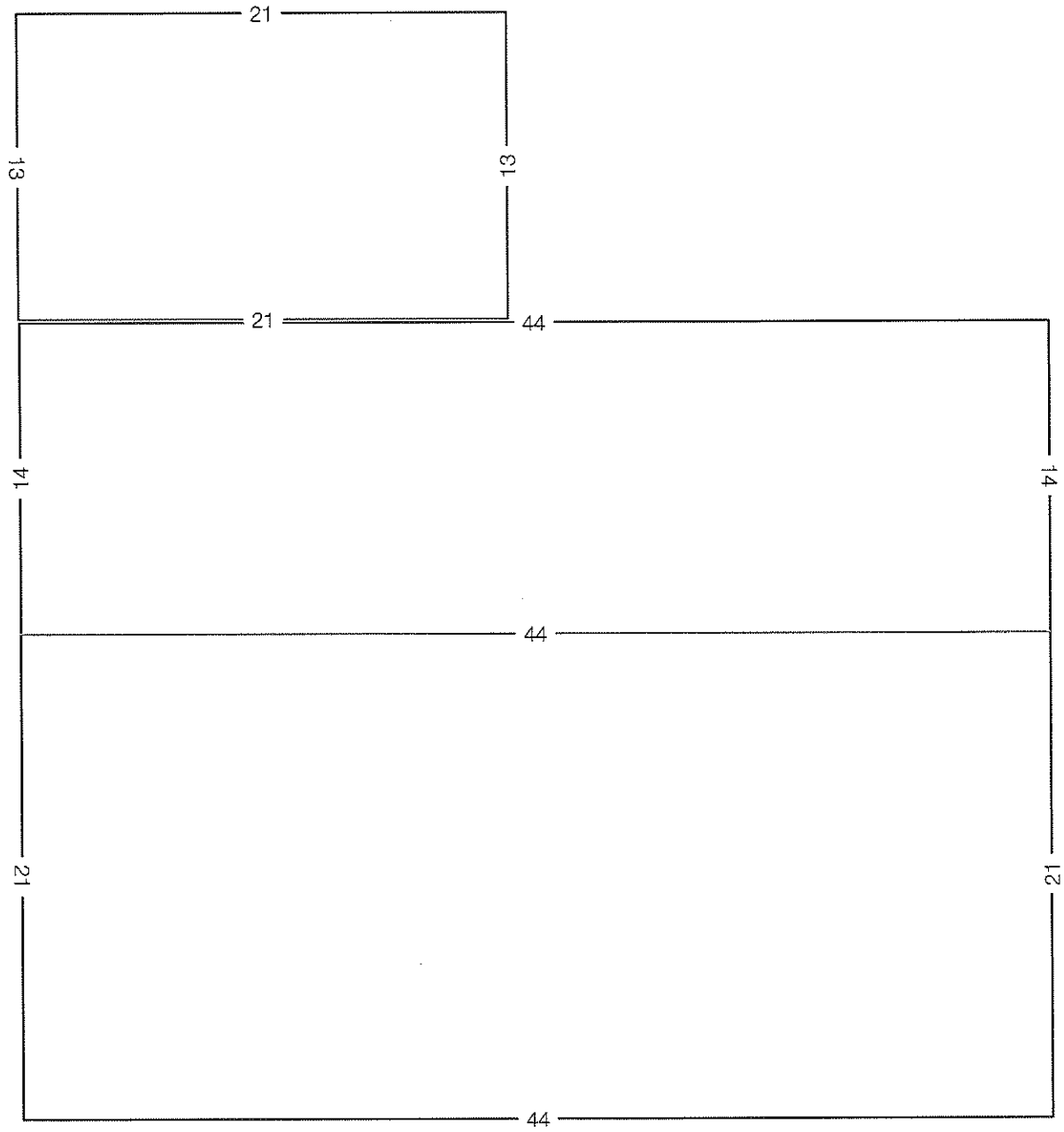
Valley
—

Rake
70' 5"

Eave
134' 10"

Flashing
20' 10"

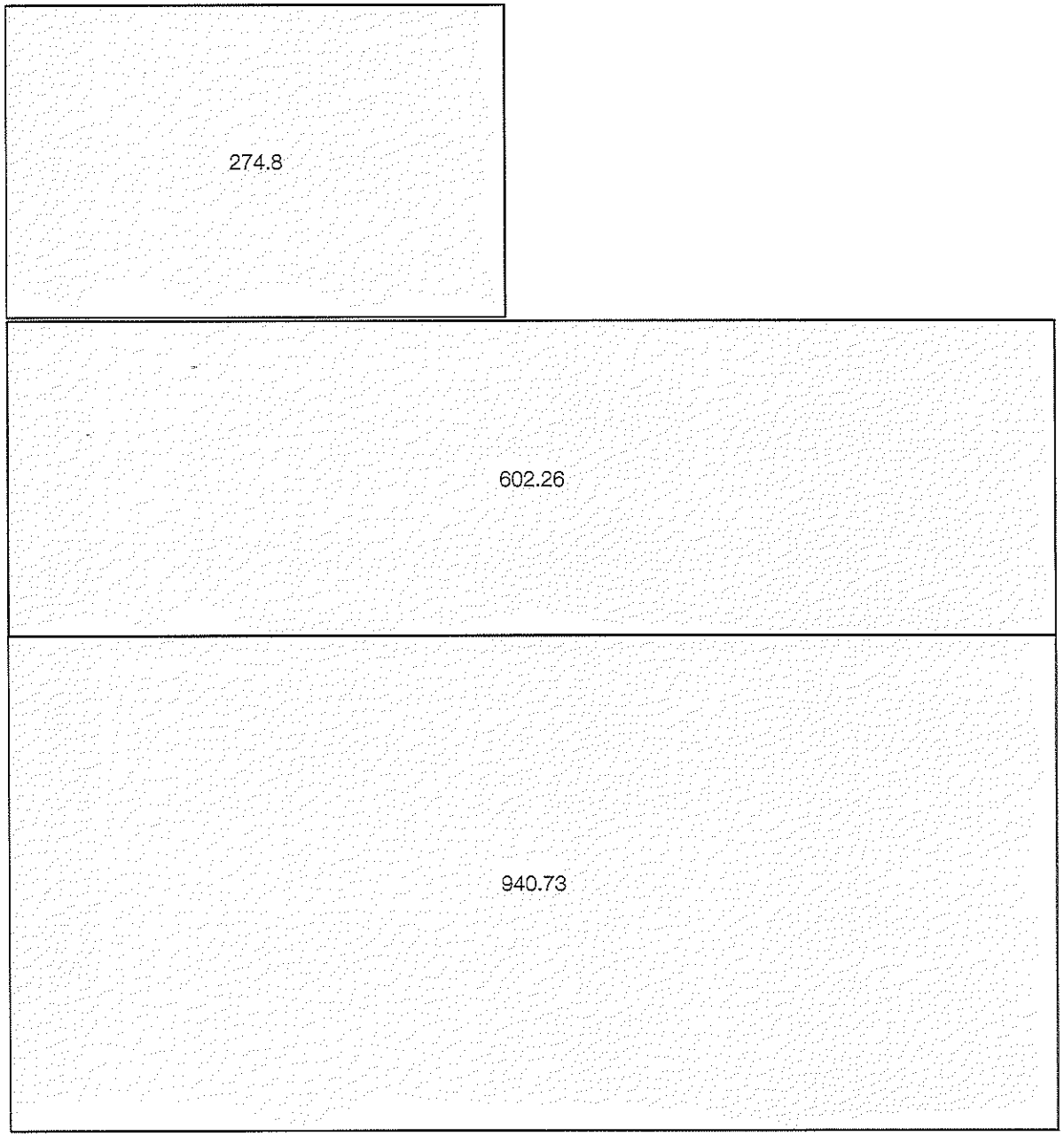
Step Flashing
—



ROOF AREA
57 CAMPINA CT CORAL GABLES FL 33134

Total Area
1817.80 sqft
Total Slopes: 3

Area 1	274.80 sqft
Area 2	1543.00 sqft

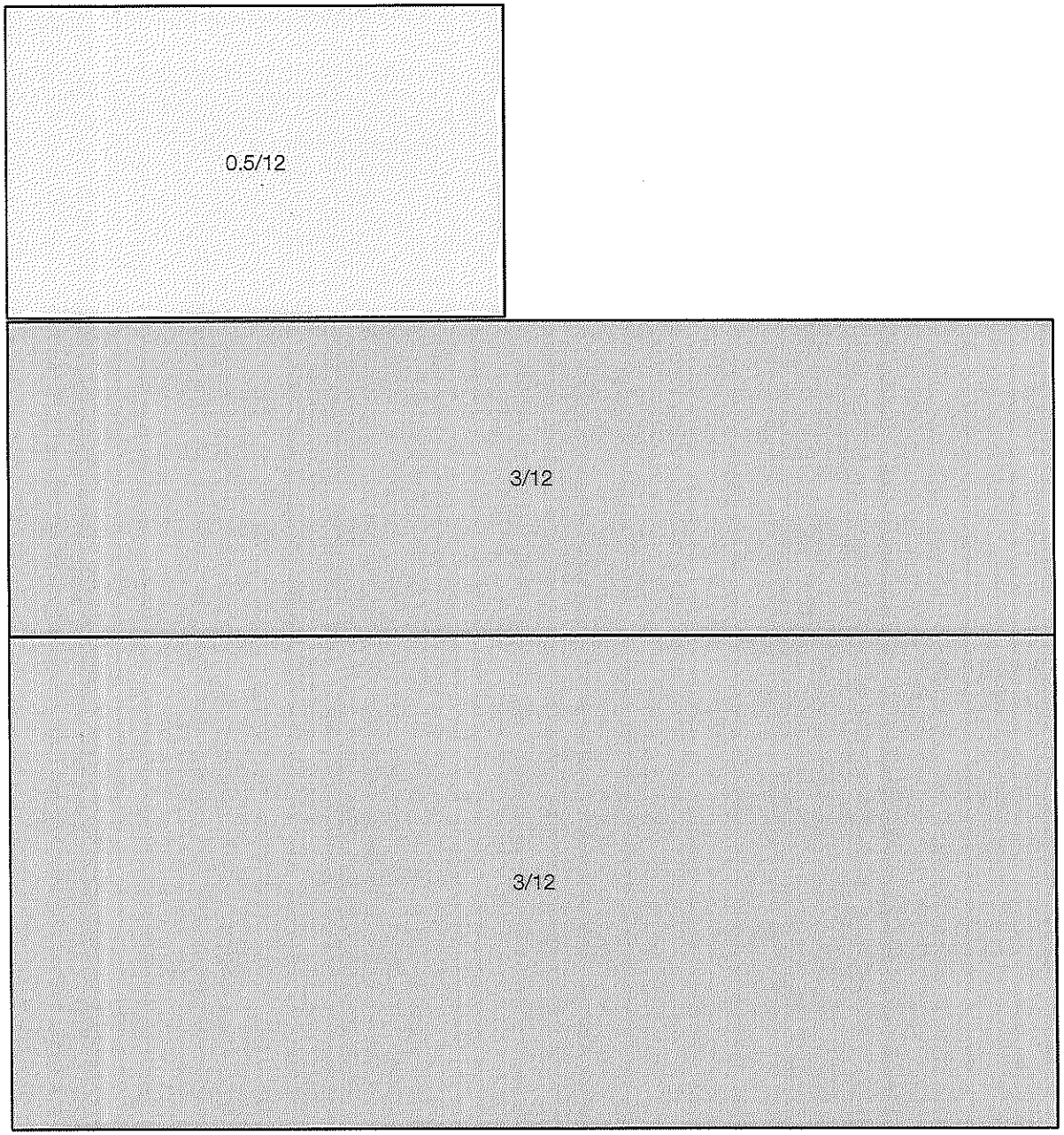


PITCH
57 CAMPINA CT CORAL GABLES FL 33134

Pitch Scale:

24/12

0/12



ZULLY PARDO AND JONATHAN RIVAS #1
57 CAMPINA CT CORAL GABLES FL 33134

Ridge 43' 10"	**Total Area** 1817.80 sqft	**Total Slopes** 3	**Area 1 Pitch 0.5/12:** 274.80 sqft **Area 2 Pitch 3/12:** 1543.00 sqft
Hip —	**Total Squares** 18.18 SQ		
Valley —	**Waste Factors:** 20.00 SQ	10%	
Rake 70' 5"	20.90 SQ	15%	
Eave 134' 10"	21.45 SQ	18%	
Flashing 20' 10"	21.81 SQ	20%	
Step Flashing —			

Ply Sheet: — One or more plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Flex Ply 6" or "Tri-Ply® Ultra-Flexible Ply 6", fully adhered with hot roofing asphalt.
Cap Sheet: — Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet" or "GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet", fully adhered with hot roofing asphalt.

12. Deck: C-15/32 Incline: 1
Barrier Board (Optional): — One or more layers minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck® Prime Roofboard" or "DensDeck® DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX).
Insulation: — One or more layers perlite or glass fiber or polyisocyanurate or urethane or perlite/polyisocyanurate composite or perlite/urethane composite or phenolic, 1-in. minimum (insulation joints offset a minimum of 6-in. from plywood deck joints).
Base Sheet: — One or more plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Flex Ply 6" or "Tri-Ply® Ultra-Flexible Ply 6" or Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet" or "GAFGLAS® Stratavent® Nailable Venting Base Sheet" or "GAFGLAS® Stratavent® Perforated Venting Base Sheet" or Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet", mechanically fastened or fully adhered with hot roofing asphalt.
Membrane: — One or more plies "RUBEROID® Torch Smooth" or "Tri-Ply® APP Smooth" or "Tri-Ply® APP Granule" or "RUBEROID® Torch Granule" or "RUBEROID® Torch 180", torch applied or "RUBEROID® Mop Smooth" or "RUBEROID® Mop Smooth 1.5" or "RUBEROID® Mop Plus Smooth" or "RUBEROID® Mop Granule" or "Intec Flex PRF" or "Tri-Ply® SBS Granule", fully adhered with hot roofing asphalt.
Cap Sheet: — Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet" or "GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet", fully adhered with hot roofing asphalt.

13. Deck: C-15/32 Incline: 1
Barrier Board (Optional): — One or more layers minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck® Prime Roofboard" or "DensDeck® DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX).
Insulation (Optional): — One or more layers perlite or wood fiber or glass fiber or polyisocyanurate or urethane or perlite/polyisocyanurate composite or perlite/urethane composite or wood fiber/polyisocyanurate composite or phenolic, any thickness.
Base Sheet: — Two or more plies Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet" or "GAFGLAS® Stratavent® Nailable Venting Base Sheet" or "GAFGLAS® Stratavent® Perforated Venting Base Sheet" or Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet", mechanically fastened or fully adhered with hot roofing asphalt.
Ply Sheet (Optional): — One or more plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Ply Flex 6" or "Tri-Ply® Ultra-Flexible Ply 6", fully adhered with hot roofing asphalt.
Membrane: — One or more plies "RUBEROID® Torch Smooth" or "Tri-Ply® APP Smooth" or "Tri-Ply® APP Granule" or "RUBEROID® Torch Granule" or "RUBEROID® Torch 180", torch applied or "RUBEROID® Mop Smooth" or "RUBEROID® Mop Smooth 1.5" or "RUBEROID® Mop Plus Smooth" or "RUBEROID® Mop Granule" or "Intec Flex PRF" or "Tri-Ply® SBS Granule", fully adhered with hot roofing asphalt.
Cap Sheet: — Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet" or "GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet", fully adhered with hot roofing asphalt.

14. Deck: C-15/32 Incline: 2
Barrier Board (Optional): — OOne or more layers minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck® Prime Roofboard" or "DensDeck® DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX).
Insulation (Optional): — One or more layers perlite or wood fiber or glass fiber or polyisocyanurate or perlite/polyisocyanurate composite or wood fiber/polyisocyanurate composite any thickness mechanically or adhered with hot roofing asphalt.

Base Sheet: — One ply "GAFGLAS® Stratavent® Perforated Venting Base Sheet" or Type G2 "GAFGLAS® #75 Base Sheet"or "Tri-Ply® #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet" or "GAFGLAS® Stratavent® Nailable Venting Base Sheet" or "GAFGLAS® Stratavent® Perforated Venting Base Sheet", mechanically fastened or fully adhered with hot roofing asphalt.

Ply Sheet: — Two or more plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® Ply 4" or "GAFGLAS® Ply Flex 6" or "Tri-Ply® Ultra-Flexible Ply 6" or "RUBEROID® Mop Smooth" or "RUBEROID® Mop Smooth 1.5" or "RUBEROID® Mop Plus Smooth", "Ruberoid® 20 Plus Smooth" or "RUBEROID® 20 Smooth", fully adhered with hot roofing asphalt

Membrane: — Type G3 "Tri-Ply® BUR Granule Cap Sheet" or "GAFGLAS® Mineral Surfaced Cap Sheet" or "GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet", fully adhered with hot roofing asphalt.

15. **Deck:** C-15/32 **Incline:** 1

Insulation (Optional): — Any thickness perlite or wood fiber or glass fiber or polyisocyanurate mechanically fastened or adhered with OMG Inc. "OlyBond Fastening System" or any UL Classified insulation adhesive.

Barrier Board: — Minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck® Prime Roofboard" or "DensDeck® DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) mechanically fastened or adhered with OMG Inc. "OlyBond Fastening System" or any UL Classified insulation adhesive with butt joints in the barrier board products staggered a minimum of 6-in. from plywood deck joints.

Base Sheet: — One ply Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply #75 base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet", mechanically fastened.

Ply Sheet: — One or two plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply 4" or "GAFGLAS® Flex Ply 6" or Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet", fully adhered with hot roofing asphalt.

Cap Sheet: — Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet" or "GAFGLAS® EnergyCap™ Mineral-Surfaced Cap Sheet", fully adhered with hot roofing asphalt.

Coating (Optional): — "United Coatings™ TOPCOAT® EnergyCote™ Roof Coating" or "TOPCOAT® MB Plus Coating" or "United Coatings™ Roof Mate MB Plus Roof Coating" applied at a rate of 2-gal/100-ft.².

16. **Deck:** NC **Incline:** 1/2

Insulation (Optional): — Any thickness perlite or wood fiber or glass fiber or polyisocyanurate, mechanically fastened or adhered with "LRF Adhesive M" or "TPO LRF Adhesive M Low Temp" or OMG Inc. "Olybond Fastening System", applied as a nominal 3/4-in. bead or "GAF 2-Part Roofing Adhesive", applied as a nominal 2-1/2 in. bead with a maximum on-center spacing of 12-in. or any UL Classified insulation adhesive, applied per the manufacturer's installation instructions.

Base Sheet: — One ply Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet", mechanically fastened.

Ply Sheet: — One or two plies Type G1 "GAFGLAS® Ply 4" or "Tri-Ply® 4" or "GAFGLAS® Flex-Ply™ 6" or Type G2 "GAFGLAS® #75 Base Sheet" or "Tri-Ply® #75 Base Sheet" or "GAFGLAS® #80 Ultima™ Base Sheet", fully adhered with hot roofing asphalt.

Cap Sheet: — Type G3 "GAFGLAS® Mineral Surfaced Cap Sheet" or "Tri-Ply® BUR Granule Cap Sheet", fully adhered with hot roofing asphalt.

Coating: — "United Coatings™ TOPCOAT® EnergyCote™ Roof Coating" or "TOPCOAT® MB Plus Coating" or "United Coatings™ Roof Mate MB Plus Coating" applied at a rate of 2-gal/100-ft.²

17. **Deck:** C-15/32 **Incline:** 1/2

Insulation (Optional): — Any thickness perlite or wood fiber or glass fiber or polyisocyanurate mechanically fastened or adhered with OMG Inc. "OlyBond Fastening System" or any UL Classified insulation adhesive.

Barrier Board: — Minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck® Prime Roofboard" or "DensDeck® DuraGuard™ Roofboard" or minimum 1/4-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) mechanically fastened or adhered with OMG Inc. "OlyBond Fastening System" or any UL Classified insulation adhesive with butt joints in the barrier board products staggered a minimum of 6-in. from plywood deck joints.

Florida Building Code 8th Edition (2023)

High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

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Section D (Steep Sloped Roof System)

Roof System Manufacturer: Santafe Tile Corporation

Product Control Number: 21-0614.05

Minimum Design Wind Pressures, From Applicable RAS 127 Table or Calculations:

Zone1: -74 Zone 2: -108 Zone3: -128

Slope Range: ⊗ ≥ 2:12 to ≤ 4:12 ○ > 4:12 to ≤ 6:12 ○ > 6:12 to ≤ 12:12

Roof Shape: ○ All Hip Roof ⊗ Gable Roof or Partial Gable/Hip Roof

Deck Type: 5/8" Plywood

Underlayment Type: Polystick TU max

Roof Slope: 3 : 12

Insulation: NA

Fire Barrier: NA

Ridge Ventilation? NA

Fastener Type & Spacing: Self adhered

Cap Sheet Type: NA

Mean Roof Height: 14'

Cap Sheet Attachment: NA

Roof Covering: Spanish S

Drip Edge Type & Size: 3" X 3" face 26 GA

Florida Building Code 8th Edition (2023)
High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County
Section E (Tile Calculations)

For Moment based tile systems, choose Method 1. Compare the values for M_r with the values from M_f. If the M_f values are greater than or equal to the M_r values for each area of the roof, then the tile attachment method is acceptable.

Method 1* " Moment Based Tile Calculations per RAS 127"
Enter positive uplift pressures when using this table

(Zone 1: -74 x λ 0.297 = 21.978) – Mg: 5.82 = Mn 16.158 Product Approval Mf: 63.8

(Zone 2: -108 x λ 0.297 = 30.076) – Mg: 5.82 = Mr_{2e} 24.256 Product Approval Mf: 63.8

(Zone 3: -128 x λ 0.297 = 38.016) – Mg: 5.82 = Mr_{2n} 32.196 Product Approval Mf: 63.8

Tile attachment method: ***Alternate Tile attachment method*** :

Method 2 "Simplified Tile Calculations" only applicable in *Broward County.

For Uplift Based tile systems use Method 3. Compare the values for F' with the values for Fr. If the F' values are greater than or equal to the Fr values for each area of the roof, then the tile attachment method is acceptable.

Method 3* "Uplift Based Tile Calculations per RAS 127"

(Zone 1: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_1 _____ Product Approval F': _____

(Zone 2: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_2 _____ Product Approval F': _____

(Zone 3: _____ x L = _____ x W = _____) – (w) x cos θ _____) = Fr_3 _____ Product Approval F': _____

Where to obtain information		
Description	**Symbol**	**Where to Find**
Design Pressure	Zones 1, 2, & 3	From the applicable Table in RAS- 127 or be an engineering analysis prepared by a PE based upon ASCE 7
Mean Roof Height	H	Job Site
Roof Slope	θ	Job Site
Aerodynamic Multiplier	λ	Product Approval / Notice of Acceptance
Restoring Moment due to Gravity	M_g	Product Approval / Notice of Acceptance
Attachment Resistance	M_f	Product Approval / Notice of Acceptance
Required Moment Resistance	M_r	Calculated
Minimum Attachment Resistance	F'	Product Approval / Notice of Acceptance
Required Uplift Resistance	F_r	Calculated
Average Tile Weight	w	Product Approval / Notice of Acceptance
Tile Dimensions	L=Length W= Width	Product Approval / Notice of Acceptance
All calculations must be submitted to the Building Official at the time of permit application.		

Print Form Reset Form