

MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

<http://www.miamidade.gov/building/home.asp>

3/3/2021 3:00:21 PM

Tracking #	Process #	Permit #
3221007756	M2021007756	2021032448

THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR AN INSPECTION WILL NOT BE MADE.

Process #	Review	Disposition	Reviewer	Date
M2021007756	DERM CORE	N	CPP APPLICATION ID	2/25/2021
M2021007756	DERM ASBESTOS	A	JO LEE, DIANA	3/3/2021
M2021007756	UPFRONT FEES	A	WEB APPLICATION ID	2/25/2021

Disclaimer.

Subject to compliance with all Federal, State, and County Laws, rules and regulations. Miami-Dade County assumes no responsibility for accuracy of or results of these plans.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to the property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

Stamp Name	Trade	Disposition	Stamp Description
Approved	DASB	A	



Florida Department of Environmental Protection
 Department of Regulatory and Economic Resources
 Environmental Resources Management
 701 NW 1st Court, 2nd Floor
 Miami, Florida 33136-3912
 T: 305-372-6925 Fax: 305-372-6954
 miamidade.gov



NOTICE OF DEMOLITION OR ASBESTOS RENOVATION

TYPE OF NOTICE (CHECK ONE ONLY) : ORIGINAL REVISED CANCELLATION COURTESY
 TYPE OF PROJECT (CHECK ONE ONLY) : DEMOLITION RENOVATION ROOFING
 IF DEMOLITION, IS IT AN ORDERED DEMOLITION? YES NO
 IF RENOVATION:
 IS IT AN EMERGENCY RENOVATION OPERATION? YES NO
 IS IT A PLANNED RENOVATION OPERATION? YES NO
 File # _____
 Process # _____

I. Facility Name EXECUTIVE APARTMENTS
 Address 7359 FAIRWAY DR. BUILDING # 7385 UNITS 147-248 & 149-252
 City MIAMI LAKES State FL Zip 33014 County MIAMI-DADE
 Site UNITS 147-248, 149-252 Consultant Inspecting Site ETS ENVIRONMENT INC.
 Building Size 4800 (Square Feet) # of Floors 2 Building Age in Years 52
 Prior Use: School/College/University Residence Small Business Other APARTMENTS
 Present Use: School/College/University Residence Small Business Other APARTMENTS
 II. Facility Owner THE GRAHAM COMPANIES Phone _____
 Address 6843 MAIN ST.
 City MIAMI LAKES State FL Zip 33014
 III. Contractor's Name ANCHOR ROOFING CO. Phone _____
 Address 1083 E 23 ST
 City MIAMI State FL Zip 33013
 Is the contractor exempt from licensure under section 469.002(4), F.S.? YES NO
 IV. Scheduled Dates: (Notice must be postmarked 10 working days before the project start date)
 Asbestos Removal (mm/dd/yy) Start: _____ Finish: _____ Demo/Renov. (mm/dd/yy) Start: 3/20/21 Finish: 5/30/21
 V. Description of planned demolition or renovation work to be performed and methods to be employed, including demolition or renovation techniques to be used and description of affected facility components. RE-ROOFING OF TILE ROOF WITH NEW TILE ROOF.

Procedures to be Used (Check All That Apply):

<input checked="" type="checkbox"/> Strip and Removal	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> Bulldozer	<input type="checkbox"/> Wrecking Ball
<input type="checkbox"/> Wet Method	<input checked="" type="checkbox"/> Dry Method	<input type="checkbox"/> Explode	<input type="checkbox"/> Burn Down
OTHER: _____			

VI. Procedures for Unexpected RACM: STOP WORK, CONTACT DERM
 VII. Asbestos Waste Transporter: Name ANCHOR ROOFING Phone 305 691 7707
 Address 1083 E. 23 ST.
 City MIAMI State FL Zip 33013
 VIII. Waste Disposal Site: Name WASTE MANAGEMENT
 Address 5000 NW 37 AVE
 City MIAMI State FL Zip 33142
 IX. RACM or ACM Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM.
PLM
 Amount of RACM or ACM*
0 square feet surfacing material 4808 square feet cementitious material (Roof Tile)
0 linear feet pipe - square feet resilient flooring
0 cubic feet of RACM off facility components 4808 square feet asphalt roofing
 *Identify and describe surfacing material and other materials as applicable:

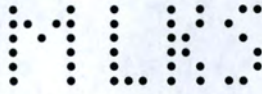
I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I have read and understood the additional information provided on the back of this form.

RAYMOND RILEY
 (Print Name of Owner/Operator)
Raymond Riley 2/23/21 305 691 7707
 (Signature of Owner/Operator) (Date) (Contact phone #)

RER USE ONLY Postmark/Date Received ID #



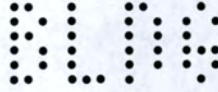
Environment, Inc.



Asbestos Business License # ZA0000218

Mold & Asbestos Surveys & Removal * Phase I Environmental Assessment * Air Monitoring & Analysis

February 11, 2021



Executive Apartments
7359 Fairway Drive
Miami Lakes, FL 33014

RE: Roof Asbestos Survey
Executive Apartments
7359 Fairway Drive / Building #7385 / Units 147-248 & 149-252
Miami Lakes, FL 33014

Report #: FL21-0116RAS

Dear Sir,

Pursuant to your request, ETS Environment, Inc. has performed a Roof Asbestos Survey on February 8, 2021 at the above referenced site.

SURVEY LIMITATIONS

This inspection report is the result of a diligent search of the facility for asbestos containing roofing materials (ACRM). All samples were readily available to our surveyor. The scope of this inspection was to perform a survey of roof surfacing materials for suspect ACM. Therefore only roofing material was sampled and all other building materials are NOT included in this asbestos survey.

LABORATORY METHODS

Each sample was returned to the laboratory at ETS Environmental, Inc., logged, and stored for analysis. All analyses were performed using the Polarized Light Microscope (PLM) Method 40 Ch. 1, Pt. 763, Subt F, App. A Pgs. 293-299, 1-1-87 ed; (Polarized light microscopy in conjunction with dispersion staining).

The scope of our investigation consisted of the following:

- Fifteen (15) random locations of roof system materials were chosen by our Certified Technician to secure bulk samples for analysis.
Samples for asbestos analysis were taken on any visibly potential Asbestos Containing Materials (ACM). Samples were placed in plastic bags and labeled for further analysis.
All secured bulk samples were analyzed by Polarized Light Microscopy to verify asbestos content.
Preparation of final report.

SITE DESCRIPTION

M I L S

The roof of the building is sloped tile with base sheet over a wood deck. The total roof area surveyed occupies approximately 4,800 ft².

CONCLUSIONS

0 2 0 4 0 1

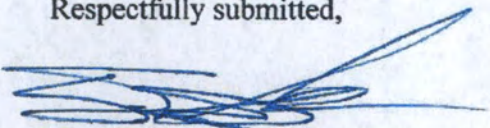
Based on our survey and bulk survey analysis, it was evident that NO asbestos containing materials (ACM) were present in the samples taken. ACM is defined by the EPA as a material containing greater than or equal to 1 percent asbestos fibers. However, OSHA regulations may require special handling of materials containing less than 1 percent asbestos fibers, including, but not limited to, manifested disposal of material, on-site supervision by a "competent" person and air monitoring.

CLOSING REMARKS

ETS Environment, Inc. greatly appreciates the opportunity to provide quality environmental services at a reasonable cost. It has been a pleasure working with you and we look forward to doing so again in the future. Should have any questions or comments, please do not hesitate to call our offices at any time.


Charles Parson
AHERA Inspector Certificate No.01142104AM

Respectfully submitted,



Dennis Emerson, I.H.
AHERA Inspector Certificate No.09182007

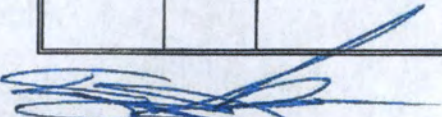
I hereby certify that the Roof Asbestos Survey conducted on February 8, 2021, at **Executive Apartments**, 7359 Fairway Drive / Building #7385 / Units 147-248 & 149-252, Miami Lakes, Florida, 33014 was performed by Charles Parson an A.H.E.R.A. Certified Inspector utilizing the code of the Federal Regulation Standards, 40 C.F.R., Part 763, Subpart E, Section 763.80-763.99 and the State Asbestos Regulations, Florida Statues 469.003.

Respectfully Submitted,

Bruce Marchette, CIH
Florida Licensed Asbestos Consultant
License # 1A0000041, Expires 12/31/2022
AIHS, Inc.



ANALYTICAL RESULTS

Sample Number	Anal. Init.	Sample Item Description	Asbestos Percentage & Type Identified	Percentage & Type Non-Asbestos Fibers	Percentage Non-Fiber Mat.
1	DKE	Roof Tar	NAD		100 Matrix
2	DKE	Roof Tar	NAD		100 Matrix
3	DKE	Base Sheet	NAD	3-5 Fiberglass 7-10 Cellulose	85-90 Matrix
4	DKE	Base Sheet	NAD	3-5 Fiberglass 7-10 Cellulose	85-90 Matrix
5	DKE	Tile w/ Grout	NAD		100 Matrix
6	DKE	Tile w/ Grout	NAD		100 Matrix
7	DKE	Roof Tar	NAD		100 Matrix
8	DKE	Roof Tar	NAD		100 Matrix
9	DKE	Roof Tar	NAD		100 Matrix
10	DKE	Base Sheet	NAD	3-5 Fiberglass 7-10 Cellulose	85-90 Matrix
11	DKE	Base Sheet	NAD	3-5 Fiberglass 7-10 Cellulose	85-90 Matrix
12	DKE	Base Sheet	NAD	3-5 Fiberglass 7-10 Cellulose	85-90 Matrix
13	DKE	Tile w/ Grout	NAD		100 Matrix
14	DKE	Tile w/ Grout	NAD		100 Matrix
15	DKE	Tile w/ Grout	NAD		100 Matrix


 Dennis Emerson, I.H.
 Analyst

NAD = No Asbestos Detected



Florida Department of Environmental Protection
 Department of Regulatory and Economic Resources
 Division of Air Resource Management

MIAMI-DADE COUNTY
 Environmental Resources Management
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 City MIAMI LAKES State FL Zip 33014 County MIA-DADE
 Site UNITS 147-248, 149-252 Consultant Inspecting Site ETS ENVIRONMENT INC.
 Building Size 4800 (Square Feet) # of Floors 2 Building Age in Years 52
 Prior Use: School/College/University Residence Small Business Other APARTMENTS
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 Address 6843 MAIN ST.
 City MIAMI LAKES State FL Zip 33014
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 Address 1083 E 23 ST
 City MIAMI LAKES State FL Zip 33013
 Is the contractor exempt from licensure under section 469.002(4), F.S.? YES NO

IV. Scheduled Dates: (Notice must be postmarked 10 working days before the project start date)
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 V. Description of planned demolition or renovation work to be performed and methods to be employed, including demolition or renovation techniques to be used and description of affected facility components. RE-ROOFING OF TILE ROOF WITH NEW TILE ROOF.

Procedures to be Used (Check All That Apply):

<input checked="" type="checkbox"/> Strip and Removal	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> Bulldozer	<input type="checkbox"/> Wrecking Ball
<input type="checkbox"/> Wet Method	<input checked="" type="checkbox"/> Dry Method	<input type="checkbox"/> Explode	<input type="checkbox"/> Burn Down
OTHER: _____			

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 VII. Asbestos Waste Transporter: Name ANCHOR ROOFING Phone 305 691 7707
 Address 1083 E. 23 ST.
 City MIAMI LAKES State FL Zip 33013
 VIII. Waste Disposal Site: Name WASTE MANAGEMENT MEDLEY LANDFILL
 Address 5000 NW 37 AVE 9350 NW 89 AVE MEDLEY, FL
 City MIAMI State FL Zip 33142 33178
 IX. RACM or ACM Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM. PLM

Amount of RACM or ACM*
0 square feet surfacing material 4808 square feet cementitious material (Roof Tile)
0 linear feet pipe - square feet resilient flooring
0 cubic feet of RACM off facility components 4808 square feet asphalt roofing

*Identify and describe surfacing material and other materials as applicable:

I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I have read and understood the additional information provided on the back of this form.

RAYMOND RILEY
 (Print Name of Owner/Operator)
Raymond Riley 2/23/21 305 691 7707
 (Signature of Owner/Operator) (Date) (Contact phone #)

MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

<http://www.miamidade.gov/building/home.asp>

3/3/2021 8:53:22 AM

Contact Name: Joanna Morales

Contact Email: moralesj@miamilakes-fl.gov

Tracking Number: 3221007756

Reviews to rework: DASB

MIAMI-DADE COUNTY

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

<http://www.miamidade.gov/building/home.asp>

3/3/2021 8:58:00 AM

Contact Name: Joanna Morales

Contact Email: moralesj@miamilakes-fl.gov

Tracking Number: 3221007756

Reviews to rework: DASB

anchorroofing@hotmail.com

NOTE: ALL SHEETS MUST BE REVIEWED

MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

Herbert S. Saffir Permitting and Inspection Center

11805 SW 26th Street (Coral Way) • Miami, Florida 33175-2474 • (786) 315-2000

**APPLICATION FOR MUNICIPAL PERMIT APPLICANTS
THAT REQUIRE PLAN REVIEW FROM MIAMI-DADE FIRE RESCUE
AND/OR ENVIRONMENTAL SERVICES**

M2021007756 3221007756 RFL 2021-0578

PROVIDE MUNICIPAL PROCESS NUMBER HERE			
LOCATION OF IMPROVEMENTS	Job Address <u>7359 FAIRWAY DR Bldg #7385</u>		CONTRACTOR INFORMATION
	Folio <u>32-2023-011-0010</u> UNIT <u>147-252</u>		
TYPE OF IMPROVEMENTS	Lot _____ Block _____		OWNER'S NAME
	Subdivision <u>MIA. LKS. FAIRWAY</u> PBpg <u>2-17</u>		
PERMIT TYPE	Metes and bounds <u>VIEW 87-64</u>		ARCHITECT / ENGINEER
	<input type="checkbox"/> New Construction on Vacant Land <input type="checkbox"/> Alteration Interior <input type="checkbox"/> Alteration Exterior <input type="checkbox"/> Relocation of Structure <input type="checkbox"/> Enclosure <input type="checkbox"/> Repair <input type="checkbox"/> Repair Due to Fire		
PERSON TO PICK UP PLANS	<input type="checkbox"/> Demolish <input type="checkbox"/> Shell Only <input type="checkbox"/> Addition Attached <input type="checkbox"/> Addition Detached <input checked="" type="checkbox"/> Re-Roof <input type="checkbox"/> Foundation Only <input type="checkbox"/> Tent		FIRE SPECIAL REQUEST PLAN REVIEW (SRI)
	<input type="checkbox"/> Chg. Contractor <input type="checkbox"/> Re-Issue <input type="checkbox"/> Re-Stamp <input type="checkbox"/> Revision <input type="checkbox"/> Not Applicable for Fire		
<input type="checkbox"/> MBLD* Category _____ <input type="checkbox"/> MELE _____ <input type="checkbox"/> MPLU _____ <input type="checkbox"/> MLPG _____ <input type="checkbox"/> MMEC _____ <input type="checkbox"/> FIRE _____		REVIEW STATUS	Current use of property <u>APARTMENTS</u> Description of Work <u>RE-ROOFING of Tile ROOF</u> Sq. Ft. <u>4800</u> Units <u>3</u> Floors <u>2</u> Value of Work <u>\$ 51,000</u>
Name <u>PETE RILEY</u> Address <u>1083 E. 23 St.</u> City <u>MIA.</u> State <u>FL</u> Zip <u>33013</u> Phone <u>305 3321623</u> <u>305 3321623 (C)</u>		OWNER'S SOCIAL SECURITY NO.	Owner <u>THE GRAHAM COMPANIES</u> Address <u>6843 MAW ST</u> City <u>MIA. LKS.</u> State <u>FL</u> Zip <u>33014</u> Phone <u>305 821 1130</u> Last four (4) digits of Owner's Social Security No. _____
Name <u>PETE RILEY</u> Address <u>1083 E. 23 St.</u> City <u>MIA.</u> State <u>FL</u> Zip <u>33013</u> Phone <u>305 3321623</u> <u>305 3321623 (C)</u>		OWNER'S SOCIAL SECURITY NO.	Owner <u>ETS ENVIRONMENT INC</u> Address <u>12334 73 Ct. NORTH</u> City <u>ROYAL P. B.</u> State <u>FL</u> Zip <u>33412</u> Phone <u>954 236 0053</u>
1 st Request: _____ Date: _____ 2 nd Request: _____ Date: _____ 3 rd Request: _____ Date: _____		If the applicant is a known named violator with: unpaid civil penalties; unpaid administrative costs of hearing; unpaid County investigative, enforcement, testing, or monitoring costs; or unpaid liens, any or all of which are owed to Miami-Dade County pursuant to the provisions of the Code of Miami-Dade County, Florida, a hold on the review may be placed on this application.	

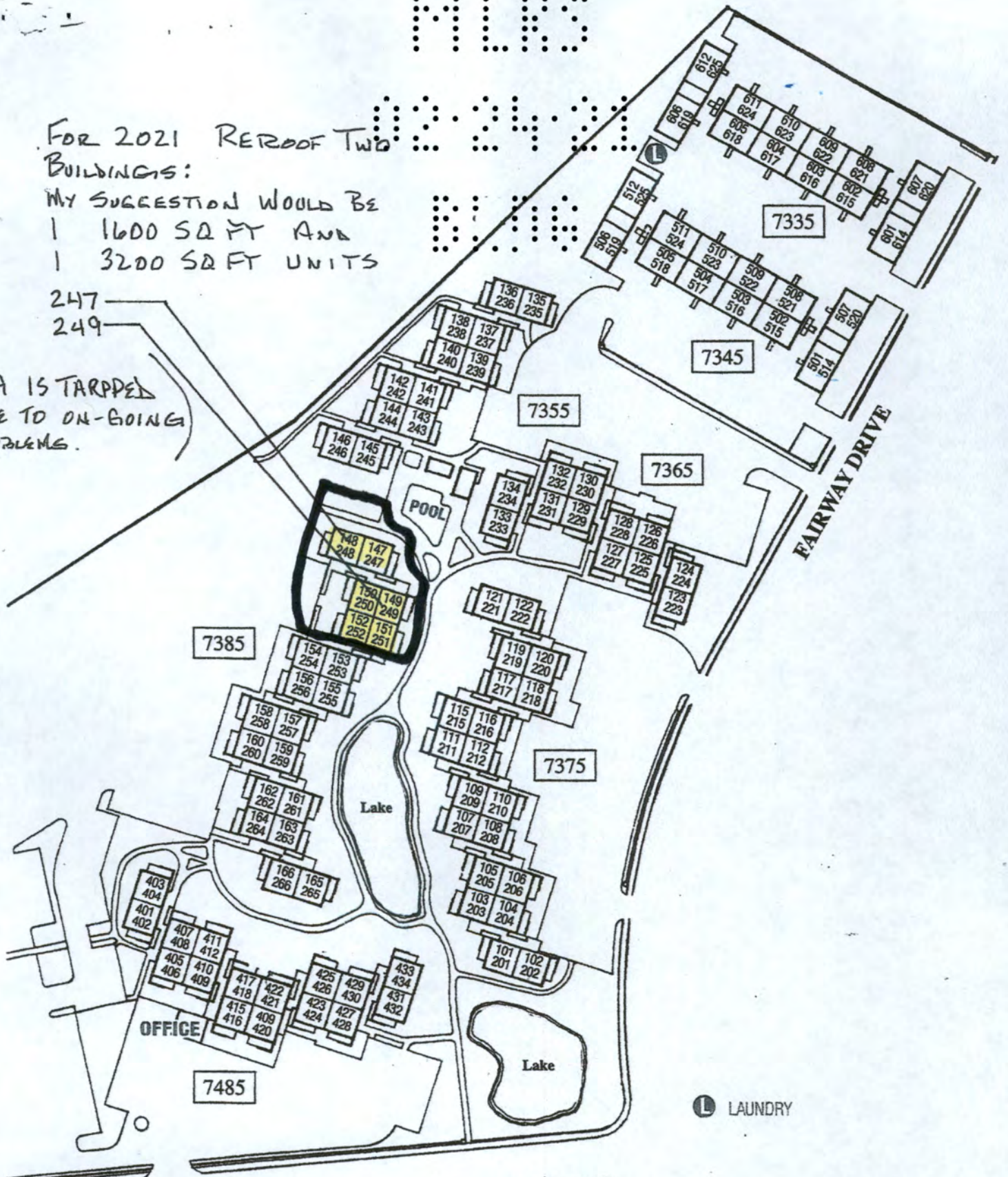
PLAN

FOR 2021 REROOF TWO BUILDINGS:

MY SUGGESTION WOULD BE
1 1600 SQ FT AND
1 3200 SQ FT UNITS

247
249

(249 IS TAPPED
DUE TO ON-GOING
PROBLEMS.)



County Records
7359 FAIRWAY DR.

MIAMI LAKES DRIVE SITE PLAN EXECUTIVE APARTMENTS



REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

It is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this form. The owner's initials in the designated space indicates that the item has been explained.

1. Aesthetics-workmanship: The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

2. Renailing wood decks: When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

3. Common Roofs: Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

4. Exposed Ceilings: Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

5. Ponding Water: The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

6. Overflow scuppers (wall outlets): It is required that rainwater flow off so that the roof is not overloaded from a buildup of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapter 15 and 16 herein and the Florida Building Code, Plumbing.

7. Ventilation: Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced.

Owner's/Agent's Signature:

[Signature]

Date: 2 / 17 / 21

Contractor's Signature:

[Signature]

Permit Number: []

Property Address:

7359 FAIRWAY DR.

(Bldg. 7385)

Florida Building Code 7th Edition (2020)

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

Section A (General Information)

Master Permit Number: _____

Process Number: _____

Contractor's Name: ANCHOR ROOFING CO.

Job Address: 7359 FAIRWAY DR. (Building 7385)

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

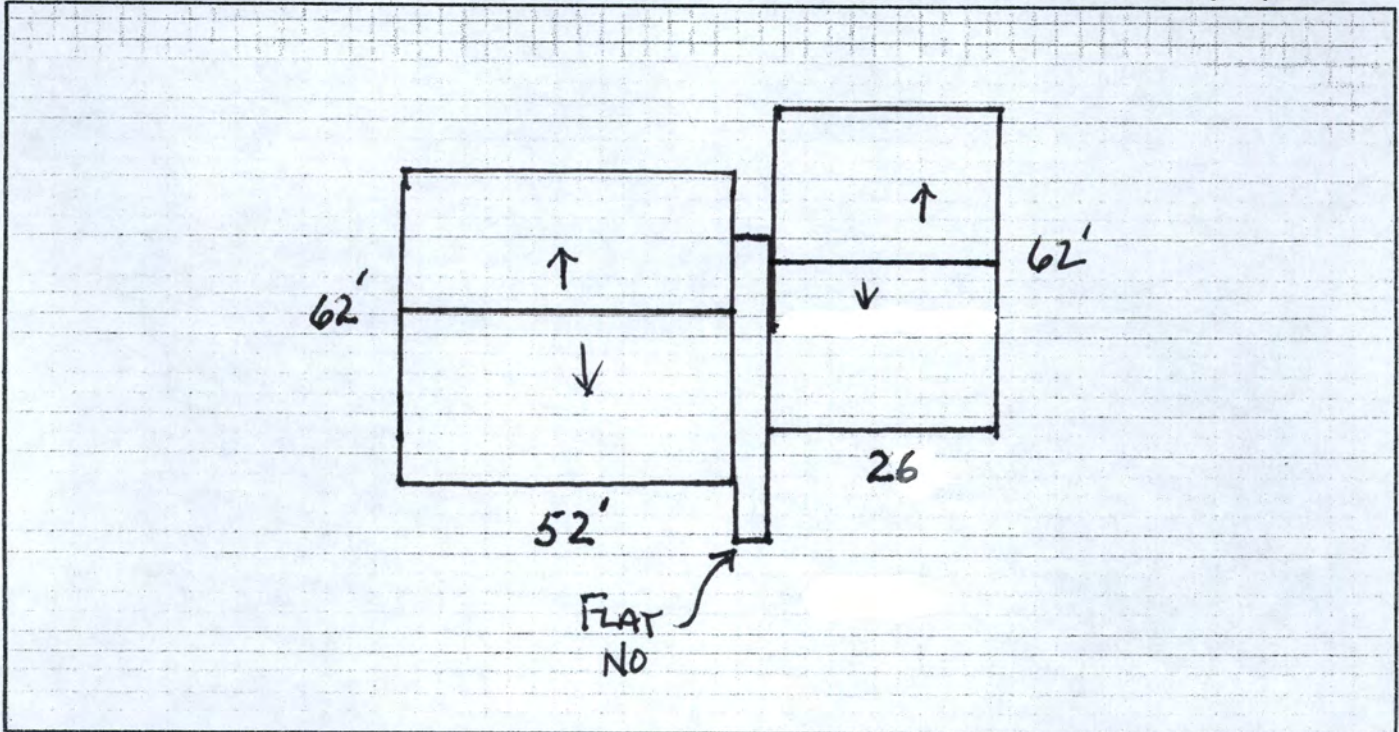
ROOF SYSTEM INFORMATION

Low Slope Roof Area (ft²) N/A Step Sloped Roof Area (ft²) 4800 Total (ft²) 4800

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 reinstated? Yes No

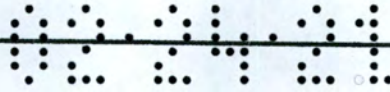
Section B (Roof Plan)

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.



Florida Building Code 7th Edition (2020)

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



Section D (Steep Sloped Roof System)

Roof System Manufacturer:

BORAL

Product Control Number:

16-0711.04

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

Zone 1: -82 Zone 2e: -82 Zone 2n: -120 Zone 2r: 120 Zone 3e: -120 Zone 3r: -142

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:

ASTM 30# D226 TYPE II

Roof Slope:

4 : 12

Insulation:

N/A

Fire Barrier:

N/A

Ridge Ventilation?

NONE

Fastener Type & Spacing:

1/4" R-SHANK NAILS + 1 5/8" TIN CAPS 12" FIELD + 6" ON LAPS

Cap Sheet Type:

POLY STICK - TU MAX

Mean Roof Height:

23'

Cap Sheet Attachment:

SELF-ADHERED AND BACK-NAILED 12" O/C WITH R-SHANK NAILS + TIN CAPS

Roof Covering:

BORAL Villa 900

Drip Edge Type & Size:

3" X 3" GALVANIZED

26 gage, NAILED 4" O/C WITH 1/4" R-SHANK NAILS. STAGGERED.

Florida Building Code 7th Edition (2020)
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_r values are greater than or equal to the M_f 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: <u>-82</u> x λ <u>.315</u> = <u>25.83</u>) - M_g : <u>7.5</u> = M_{r1} <u>18.33</u> Product Approval M_f : <u>45.5</u>	<i>MED. PADDY</i> ↓
(Zone 2e: <u>-82</u> x λ <u>.315</u> = <u>25.83</u>) - M_g : <u>7.5</u> = M_{r2e} <u>18.33</u> Product Approval M_f : <u>45.5</u>	
(Zone 2n: <u>-120</u> x λ <u>.315</u> = <u>37.8</u>) - M_g : <u>7.5</u> = M_{r2n} <u>30.3</u> Product Approval M_f : <u>45.5</u>	
(Zone 2r: <u>-120</u> x λ <u>.315</u> = <u>37.8</u>) - M_g : <u>7.5</u> = M_{r2r} <u>30.3</u> Product Approval M_f : <u>45.5</u>	
(Zone 3e: <u>-120</u> x λ <u>.315</u> = <u>37.8</u>) - M_g : <u>7.5</u> = M_{r3e} <u>30.3</u> Product Approval M_f : <u>45.5</u>	
(Zone 3r: <u>-142</u> x λ <u>.315</u> = <u>44.73</u>) - M_g : <u>7.5</u> = M_{r3r} <u>37.23</u> Product Approval M_f : <u>45.5</u>	

Tile attachment method: *PolySET AH 160*

Alternate Tile attachment method:

MED. PADDY

For Uplift Based tile systems use Method 3. Compare the values for F' with the values for F_r . If the F' values are greater than or equal to the F_r 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 _____) = F_{r1} _____ Product Approval F' : _____
(Zone 2e: _____ x L = _____ x W = _____) - (w) x cos θ _____) = F_{r2e} _____ Product Approval F' : _____
(Zone 2n: _____ x L = _____ x W = _____) - (w) x cos θ _____) = F_{r2n} _____ Product Approval F' : _____
(Zone 2r: _____ x L = _____ x W = _____) - (w) x cos θ _____) = F_{r2r} _____ Product Approval F' : _____
(Zone 3e: _____ x L = _____ x W = _____) - (w) x cos θ _____) = F_{r3e} _____ Product Approval F' : _____
(Zone 3r: _____ x L = _____ x W = _____) - (w) x cos θ _____) = F_{r3r} _____ Product Approval F' : _____

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

<i>Where to obtain information</i>		
Description	Symbol	Where to Find
Design Pressure	Zones 1, 2e, 2n, 2r, 3e, 3r	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.



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)

Boral Roofing, LLC
7575 Irvine Center Drive, Suite 100
Irvine, CA 92618

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: Boral Villa 900 Concrete Roof Tile

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 No.12-0308.20 and consists of pages 1 through 7.
The submitted documentation was reviewed by Alex Tigera.

Alex Tigera
1/19/17



NOA No.: 16-0711.04
Expiration Date: 09/21/21
Approval Date: 09/01/16
Page 1 of 7

M I A M I
D A D E



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)

Boral Roofing LLC.
7575 Irvine Center Drive, Suite 100
Irvine, CA 92618

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: BORAL TileSeal

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 new NOA consists of pages 1 through 4.

The submitted documentation was reviewed by Alex Tigera.



NOA No.: 18-0502.03
Expiration Date: 08/02/23
Approval Date: 08/02/18
Page 1 of 4



APPROVED ASSEMBLIES:

- Deck Type 1:** Wood, non-insulated
- Deck Description:** 1 1/2" or greater plywood or wood plank
- System E(1):** Anchor sheet mechanically fastened deck, membrane adhered.
- Base Sheet:** One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4" head lap and a 6" end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the laps and two staggered rows 12" o.c. the field of the roll.
- Ply Sheet (Optional):** Apply one layer of Boral Citadel Plus over Base sheet as per current approval.
- Membrane:** One or more plies of BORAL TileSeal Underlayment with a minimum 3" head lap and minimum 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with BORAL TileSeal Underlayment is acceptable. All end laps and laps without black selvage area shall be sealed under lap using an SBS modified mastic.

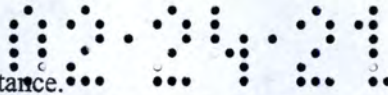
Note: When used in Tile roof systems BORAL TileSeal Underlayment shall be back nailed to deck with approved annular ring shank nails and tin caps at a maximum 12" o.c. at the side laps. No nails or tin caps shall be exposed.
- Surfacing:** Approved for Adhered Roof Tile using TILE BOND or AH-160, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.



NOA No.: 18-0502.03
 Expiration Date: 08/02/23
 Approval Date: 08/02/18
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LIMITATIONS:



1. Fire classification is not part of this acceptance.
2. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code. BORAL TileSeal underlayment shall be installed in strict compliance with applicable Building Code.
3. BORAL TileSeal underlayment shall be applied to a smooth, clean and dry surface with deck free of irregularities.
4. BORAL TileSeal underlayment shall not be applied over an existing roof membrane as a recover, but may be applied over a roofing Base/Anchor sheet underlayment.
5. BORAL TileSeal underlayment shall not be left exposed as a temporary roof for longer than 180 days of application.
6. The standard maximum roof pitch for BORAL TileSeal underlayment shall be 6:12 when tiles are loaded directly to the BORAL TileSeal underlayment; loading boards or battens are required on roof pitches greater than 6:12".
7. Refer to Prepared Roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products.
8. Tiles shall be stored on battens on roof pitches greater than 6:12".
9. BORAL TileSeal underlayment may be used with any approved roof covering Notice of Acceptance listing BORAL TileSeal underlayment as a component part of an assembly in the Notice of Acceptance. If BORAL TileSeal underlayment is not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
10. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels. Sweep the deck thoroughly to remove any dust and debris prior to application.
11. 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. For ridge applications, center the membrane and roll from the center outward in both directions.
12. Roll or broom the entire membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
13. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.
14. All protrusions or drains shall be initially taped with a 6" piece of underlayment. This target piece shall be pressed in place and formed around the protrusion to ensure a tight fit. A second layer of BORAL TileSeal underlayment shall be applied over the underlayment, and sealed using an SBS modified mastic.
15. 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.
16. 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



END OF THIS ACCEPTANCE



NOA No.: 18-0502.03
 Expiration Date: 08/02/23
 Approval Date: 08/02/18
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M I A D E

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)

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

B U I L D

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: ICP Adhesives 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.

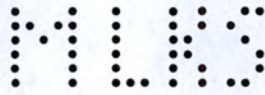
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 16-0315.01 and consists of pages 1 through 11.
The submitted documentation was reviewed by Alex Tigera.



NOA No.: 17-0322.03
Expiration Date: 05/10/22
Approval Date: 04/27/17
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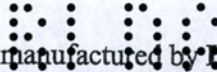
ROOFING COMPONENT APPROVAL:

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



SCOPE:

This approves ICP Adhesives 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 ICP Adhesives Polyset® AH-160.



PRODUCTS MANUFACTURED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
ICP Adhesives 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 ICP Adhesives Polyset® AH-160 roof tile adhesive.

MANUFACTURING LOCATION:

1. Tomball, TX.

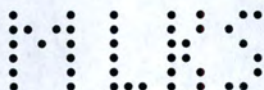
PHYSICAL PROPERTIES:

<u>Property</u>	<u>Test</u>	<u>Results</u>
Density	ASTM D 1622	1.6 lbs./ft. ³
Compressive Strength	ASTM D 1621	18 PSI Parallel to rise 12 PSI Perpendicular to rise
Tensile Strength	ASTM D 1623	28 PSI Parallel to rise
Water Absorption	ASTM D 2127	0.08 Lbs./Ft ²
Moisture Vapor Transmission	ASTM E 96	3.1 Perm / Inch
Dimensional Stability	ASTM D 2126	+0.07% Volume Change @ -40° F., 2 weeks +6.0% Volume Change @158°F., 100% Humidity, 2 weeks
Closed Cell Content	ASTM D 2856	86%

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.



NOA No.: 17-0322.03
Expiration Date: 05/10/22
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EVIDENCE SUBMITTED:

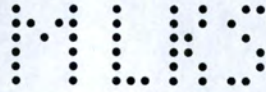
<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Center for Applied Engineering	#94-060	FAS 101	04/08/94
	257818-1PA	TAS 101	12/16/96
	25-7438-3	SSTD 11-93	10/25/95
	25-7438-4		
	25-7438-7	SSTD 11-93	11/02/95
	25-7492	SSTD 11-93	12/12/95
Miles Laboratories Polymers Division	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		

LIMITATIONS:

1. Fire classification is not part of this acceptance. Refer to the Prepared Roof Tile Assembly for fire rating.
2. ICP Adhesives 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 ICP Adhesives 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.



NOA No.: 17-0322.03
 Expiration Date: 05/10/22
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INSTALLATION:

1. ICP Adhesives Polyset® AH-160 may be used with any roof tile assembly having a current NOA that lists attachment resistance values with the use of ICP Adhesives Polyset® AH-160.
2. ICP Adhesives 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 ICP Adhesives 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. ICP Adhesives 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. ICP Adhesives Polyset® AH-160 shall be applied with ICP Adhesives Foam Dispenser RTF1000 or ICP Adhesives ProPack® 30 & 100 dispensing equipment only.
7. ICP Adhesives 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 ICP Adhesives Polyset® AH-160 has been dispensed.
9. ICP Adhesives 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.



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Expiration Date: 05/10/22
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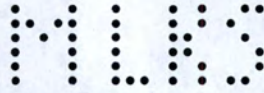


Table 1: Adhesive Placement For Each Generic Tile Profile

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.



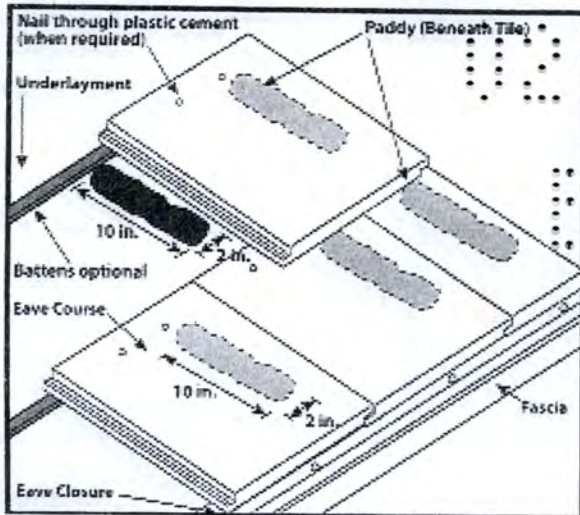
BUILDING PERMIT REQUIREMENTS:

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



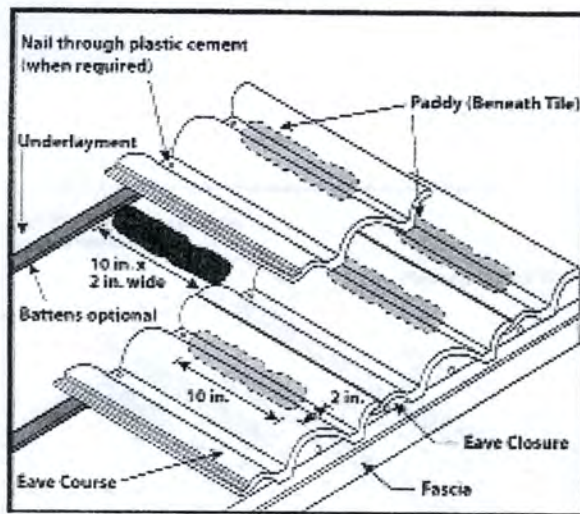
NOA No.: 17-0322.03
 Expiration Date: 05/10/22
 Approval Date: 04/27/17
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ADHESIVE PLACEMENT DETAIL # 1



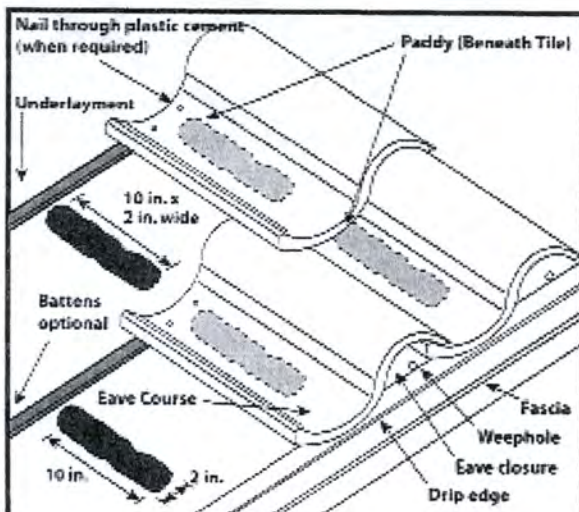
Flat/Low Profile Tile

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 cm²) – 23 (148.4 cm²) 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 cm²) – 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.



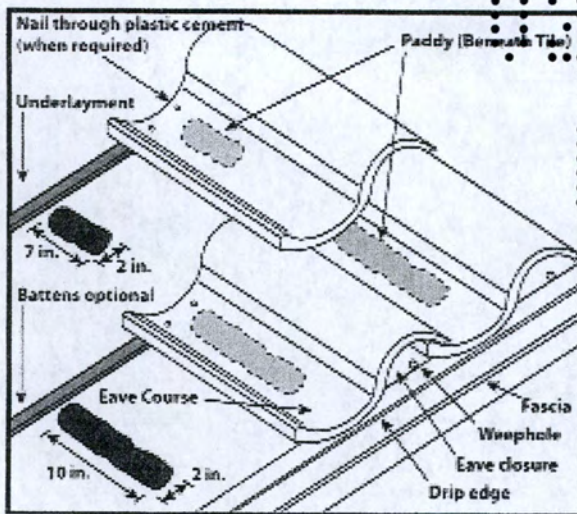
High Profile / Single Pan Tile

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 cm²) – 23 (148.4 cm²) square inch adhesive contact with the underside of the tile.



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 Expiration Date: 05/10/22
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ADHESIVE PLACEMENT DETAIL # 2 (CONTINUED)



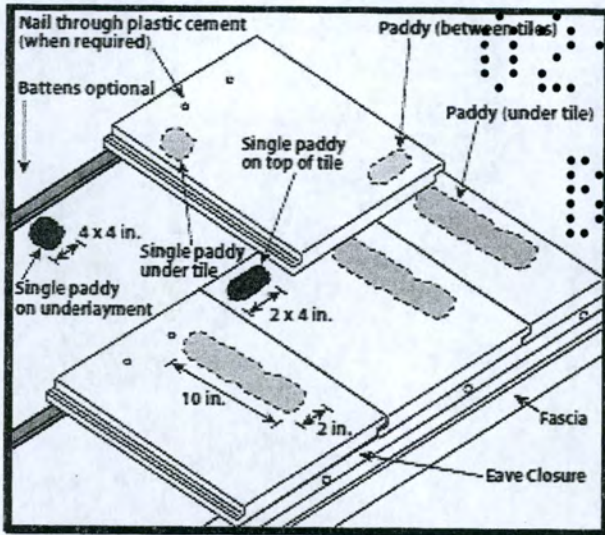
High Profile / Single Pan Tile

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 cm²) – 23 (148.4 cm²) 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 cm²) - 19 (122.6 cm²) square inch adhesive contact with the underside of the tile.

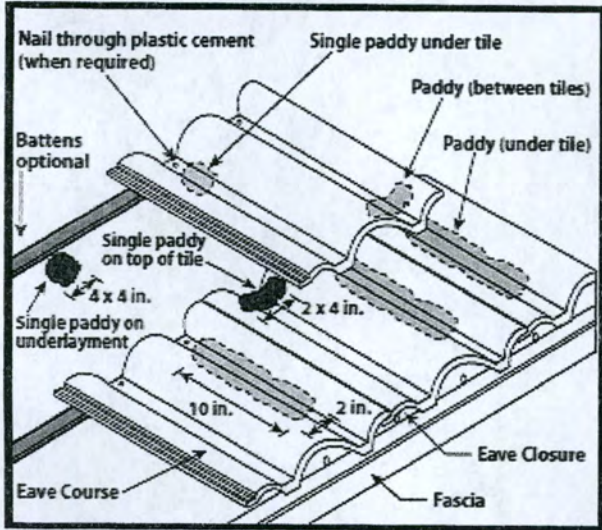
MIAMI-DADE COUNTY
APPROVED

NOA No.: 17-0322.03
Expiration Date: 05/10/22
Approval Date: 04/27/17
Page 8 of 11

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 in² (109.7-148.4 cm²) 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 in² (51.6-58.1 cm²) of adhesive contact with the underside of the tile.

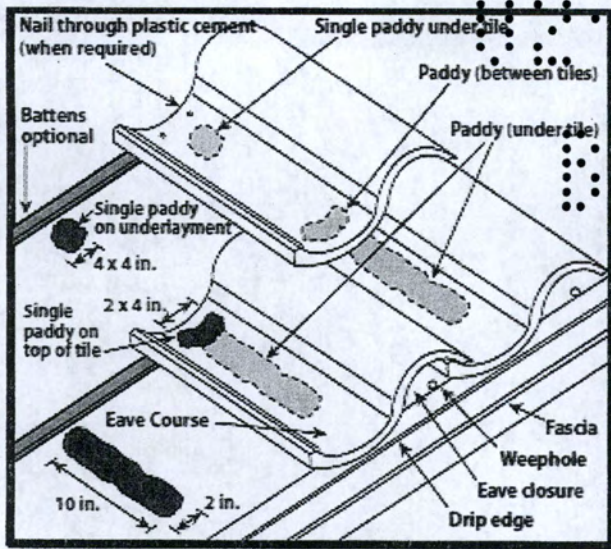
(Instructions continued on next page)



NOA No.: 17-0322.03
 Expiration Date: 05/10/22
 Approval Date: 04/27/17
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MIAMI

ADHESIVE PLACEMENT DETAIL # 3 (CONTINUED)



High Profile Tile

Also apply a 2" (50.8 mm) x 4" (101.6 mm) x 3/4" (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 cm²) - 11 (71cm²) square inch adhesive contact with the underside of the tile at the overlap and 7 (45.2 cm²) - 9 (58.1 cm²) square inch adhesive contact with the underside of the tile at the head of the tile. Continue in same manner.

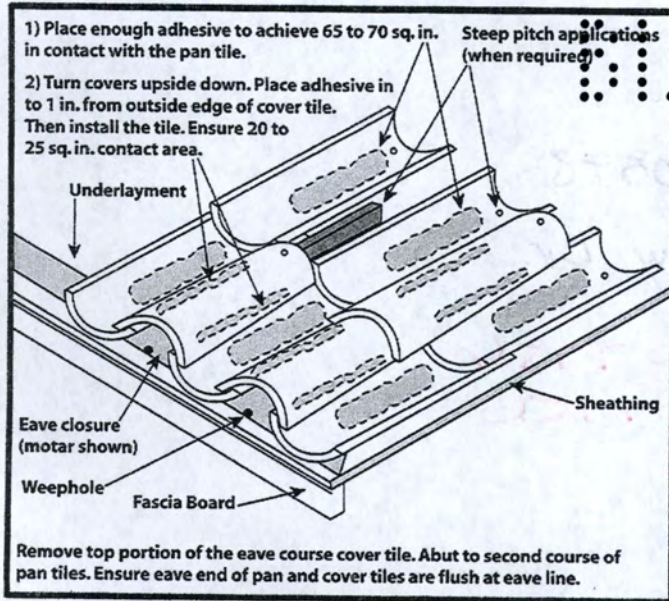


NOA No.: 17-0322.03
 Expiration Date: 05/10/22
 Approval Date: 04/27/17
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ADHESIVE PLACEMENT DETAIL

TWO PIECE BARREL

Two Piece Barrel (Cap and Pan) Tile



Two Piece Barrel - High 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 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 cm²) – 70 (451.6 cm²) 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 cm²) - 25 (161.3 cm²) 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



NOA No.: 17-0322.03
 Expiration Date: 05/10/22
 Approval Date: 04/27/17
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2414

15.45.00

01.18

RFC2021-0578

7385 Fairway Dr.

M2021007754

3221007756

JOB COPY

TOWN OF MIAMI LAKES

THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR NO INSPECTION WILL BE GIVEN

SECTION	APPROVED		DISAPPROVED	
	BY	DATE	BY	DATE
ZONING				
LANDSCAPING				
PUBLICWORKS				
BUILDING				
UTILITIES				
HANDICAP				
STRUCTURAL				
ELECTRICAL				
PLUMBING				
MECHANICAL				
ENERGY				
FIRE				

Subject to compliance with all Federal, State and County Laws, Rules and Regulations. The Town of Miami Lakes assumes no responsibility for accuracy of or results from these plans.

NOTICE: In addition to the requirements of this permit there may be additional restrictions applicable to this in the public record of this county and town.



Address: 7385 FAIRWAY DR
Folio #: 32-2023-011-0010
MDC Process #: M2021007756
MDC Tracking #: 3221007756
Job Description: RE-ROOF TILE 4,800 SF

Master Permit #: RFC2021-0578

Sub Permit #: _____

Revision #: _____

OFFICE USE ONLY

<input checked="" type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		
<input checked="" type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		
<input type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved	<input type="checkbox"/>	Approved	Date	Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		

PLANS CHECKED-OUT

DATE	NAME

PLANS CHECKED-IN

DATE	NAME

	AMOUNTS
BASE PERMIT	
ZONING FEE	
CODE COMPLIANCE FEE	
TECHNOLOGY FEE	
DBPR SURCH. STATE	
DBPR SURCH. BUILDING	
SCANNING FEE	
WORK W/O PERMIT FEE	
UPFRONT FEE PAID	
BALANCE DUE:	

Issuing Clerk: _____ Date: ___/___/___



6601 Main St • Miami Lakes, Florida, 33014
 Office: (305) 827-4015 • Fax: (305) 558-9884
 Website: www.miamilakes-fl.gov

BUILDING PERMIT APPLICATION

Job Address: 7359 FAIRWAY DR

Unit #: 7385 / 2 BLDGS

Folio #: 32-2023-011-0010 Owner-Builder:

Master Permit #: _____ Sub Permit #: _____ Revision #: _____

OWNER INFORMATION	NAME: <u>GRAHAM COMPANIES</u>	LEGAL USE/WORK	Current Use of Property: <u>MULTI-FAMILY APARTMENTS</u>
	Address: <u>6843 MAIN ST.</u>		Job Description: <u>RE ROOFING Tile ROOFS W NEW Tile ROOFS</u>
	City, State, Zip: <u>MIAMI LAKES FL. 33014</u>		JOB COST \$ <u>51,000</u> AREA/LENGTH: <u>4800</u> SF/LF
	Phone #: <u>305-821-1130</u> Cell #: _____		Residential <input type="checkbox"/> Multi-Family <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/>
	Email Address: _____		Code in Effect: _____
CONTRACTOR INFORMATION	Company Name: <u>ANCHOR ROOFING</u>	ARCHITECT/ENGINEER	Firm Name: <u>N/A</u>
	Qualifier Name: <u>RAYMOND RILEY</u>		A/E of record: _____
	License #: <u>CCC 1326710</u>		License #: _____
	Address: <u>1083 E. 23 ST.</u>		Address: _____
	City, State, Zip: <u>HIA. FL 33013</u>		City, State, Zip: _____
	Phone #: <u>305 6917707</u> Cell #: <u>3/332-1623</u>		Phone #: _____ Cell #: _____
Email Address: <u>anchorroofing@hotmail.com</u>		Email Address: _____	
Permit Type -- Check only One		Change to Permit -- Check only One	
<input type="checkbox"/> Building <input type="checkbox"/> Electrical <input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing/Gas <input type="checkbox"/> Paving/Drainage <input type="checkbox"/> Sign <input checked="" type="checkbox"/> Roofing <input type="checkbox"/> P/W		<input type="checkbox"/> Extension <input type="checkbox"/> Renewal <input type="checkbox"/> Revision <input type="checkbox"/> Change Contractor <input type="checkbox"/> Shop Drawing <input type="checkbox"/> Cancellation	

Application is hereby made to obtain a permit to do work and installation 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, MECHANICAL, PLUMBING, SIGNS, WELLS, POOLS, RE-ROOFING, SHUTTERS, WINDOWS, FURNACES, BOILERS, HEATERS, TANKS, and AIR CONDITIONERS, etc. I understand that in signing this application I am responsible for the supervision and completion of the construction including scheduling of inspections and obtaining final inspections in accordance with the plans and specification WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR ATTORNEY OR LENDER BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. OWNER/CONTRACTOR AFFIDAVIT: I Certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

X [Signature] _____ Date 2-9-21
 Signature of Owner or Owner's Agent
 Print Name of Owner or Owner's Agent: MICHELLE M. JULIA

X [Signature] _____ Date 2/17/21
 Signature of Qualifier
 Print Name of Qualifier: RAYMOND RILEY

STATE OF Florida COUNTY OF Miami Dade
 Sworn to and subscribed before me this 21 day of February, 2021
 by Michelle Julia
 Personally known or I.D. _____
 Notary Public Underwriters (REAL)
 MICHELE M. JULIA
 MY COMMISSION EXPIRES NOVEMBER 24, 2022
 #GG 276723
 Bonded Thru _____

STATE OF FLORIDA COUNTY OF Miami Dade
 Sworn to and subscribed before me this 21/17/21 20
 by Shirley Sparks
 Personally known or I.D. _____
 SHIRLEY SPARKS
 MY COMMISSION # GG 085366
 EXPIRES: May 12, 2021
 Bonded Thru Notary Public Underwriters

NOTICE: In addition to the requirements of this permit, there may be additional deed restrictions enforced by the homeowner's associations that may be applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies.
 Miami Dade County Department of Regulatory and Economic Resources - Job Copy
 3221007756 - 3/3/2021 3:00:21 PM
 TOML Permit Application - **NOTICE:** This application will be void if there are no reviews after six(6) months.

MIAMI LAKES
Growing Beautifully

6601 Main St • Miami Lakes, Florida, 33014
Office: (305) 827-4015 • Fax: (305) 558-9884 Website: www.miamilakes-fl.gov

**HOMEOWNER'S ASSOCIATION/COMMERCIAL/ARCHITECTURAL CONTROL
COMMITTEE ("HOA/ACC") AFFIDAVIT**

****NOTE: Whether you have an HOA or not, it is a requirement to complete this affidavit as part of your permit application submittal package.****

The undersigned individual, being duly sworn, deposes and says that:

1. He/She is the owner of property located at 7359 FAIRWAY DR (identify address), which is part of the NONE (identify neighborhood/subdivision/Homeowner Association "HOA"/Architectural Control Committee "ACC" if applicable) and has submitted the attached building permit application to the Town of Miami Lakes; and
2. He/She is owner of property which may be subject to certain conditions and deed restrictions; and
3. He/She is fully informed regarding any applicable deed restrictions and HOA/ACC requirements for building on or making changes to their property; and
4. He/She is aware that the Town recommends, although not required, that the he/she secure any required approvals from their HOA/ACC, prior to submitting this building permit application; and
5. He/She acknowledges that the issuance of a building permit does not independently satisfy any applicable HOA/ACC approval requirements and that the Town does not enforce any deed restrictions upon said property.

Signature

Print Name

Date

STATE OF FLORIDA

COUNTY OF MIAMI-DADE

)
) SS:
)

BEFORE ME, an officer duly authorized by law to administer oaths and take acknowledgments, personally appeared Luis O. Martinez as owner of said property described herein, on this date executed the foregoing Affidavit for the purposes mentioned in the Affidavit. He/She is personally known to me or has produced _____ as identification.

IN WITNESS OF THE FOREGOING, I have set my hand and official seal at in the State and County aforesaid on this 9th day of February, 2021

My Commission Expires:



Michele Julia
Notary Public, State of Florida

***Note: Please be advised that in addition to any written recommendations from your homeowners association (HOA) this affidavit must be filled out.**



ANCHOR ROOFING COMPANY

1083 EAST 23 St. Hialeah, FL 33013

Phone 305/691-7707

Contract Proposal

Graham Property Management
6843 Main Street
Miami Lakes, FL 33014

November 5, 2020
305-821-1130
Job: Executive 7385

Re-roofing of tile roof: 7385 buildings (2 of the 6) 4800 square feet:

- Tear off old roof down to the wood deck and haul away debris.
- Install one 30# base sheet to the wood deck.
- Install new painted drip edge, vents and lead plumbing stack flashing.
- Install Boral Tile Seal Membrane to the deck. Install hip and ridge channel metal.
- Install Boral Villa-900 concrete roof tile in Mission Sunset color.
- The tile will be installed using the Poly-Foam attachment system.
- Obtain all roofing permits, asbestos survey, and inspections required.

Price: \$ 51,000.00 **5-year company guarantee**

Note: Price includes 200 S/F or L/F rotted decking replacement. Fascia boards, siding, and additional rotted wood replacement will be charged at \$40 per man-hour plus materials.

Exclusions: Painting, permits or work for other trades, and any additional work not specified above.

Terms: 10% deposit with a signed contract, 25% upon roof tear-off, 25% upon mop-in, 30% upon tile installation and job clean up, balance due upon completion and final inspection.

NOTE: All rotted wood to be replaced on a time and material basis or as noted in contract. Additional concealed roofs will need to be removed and hauled away, this additional work if necessary will be an extra to the contract price. It is agreed that the owner will pay additional costs to perform this work. Due precaution will be taken when working around roof gutters, however we will not be responsible for any damage to the gutters. It is recommended that they be removed prior to re-roof work commencement. This proposal when accepted shall constitute the entire agreement the parties hereto. We will use precaution during inclement weather when reroofing, however, we shall not be held responsible for any interior damage to building, including plaster, furnishings and personal belongings during progress of work. We shall not be responsible for any damages or delays due to strikes, fire, accidents, or other causes beyond our control, nor for inherent defects in the premises or structure in which work is to be performed on. Due precaution will be taken but contractor must be allowed access to buildings and will not be responsible for any damage to lawns, landscaping, sidewalks, driveways, sprinkler systems, water lines septic tanks or lines, screen enclosures, pools and patio decks. Please be advised that in the areas where you have open beam ceilings there will be light debris and dust sifting through the sheathing boards. Failure to notify us of open beam ceilings could result in nails penetrating sheathing boards in which we will not be responsible for. Please take precaution in these areas to cover any carpet, or furnishing that you do not want to get soiled, as we cannot be responsible for any damage. Any loose objects should be taken down as vibrations from work could cause damage. This agreement constitutes the entire understanding of the parties and no other understanding shall be binding unless in writing signed by both parties. Any unpaid balance shall bear interest at 18% annum, and all cost incurred in collection including attorney's fees and court cost shall be paid by the Contractee. This quotation is subject to revision if not accepted in 15 days. When this proposal is accepted please sign and return one copy, which will be our order to proceed with the work. All invoices are due upon receipt.

Accepted By _____ Anchor Roofing Company _____
Owner or Authorized Agent

CC C1326710



OFFICE OF THE PROPERTY APPRAISER

Summary Report

Generated On : 2/17/2021

Property Information	
Folio:	32-2023-011-0010
Property Address:	7359 FAIRWAY DR Miami Lakes, FL 33014-6819
Owner	THE GRAHAM COMPANIES
Mailing Address	6843 MAIN ST MIAMI LAKES, FL 33014-2048
PA Primary Zone	3900 MULTI-FAMILY - 38-62 U/A
Primary Land Use	0303 MULTIFAMILY 10 UNITS PLUS : MULTIFAMILY 3 OR MORE UNITS
Beds / Baths / Half	160 / 160 / 0
Floors	2
Living Units	160
Actual Area	Sq.Ft
Living Area	Sq.Ft
Adjusted Area	102,653 Sq.Ft
Lot Size	454,331 Sq.Ft
Year Built	1969



Assessment Information			
Year	2020	2019	2018
Land Value	\$6,360,634	\$6,360,634	\$5,906,303
Building Value	\$8,525,366	\$5,539,366	\$5,963,697
XF Value	\$0	\$0	\$0
Market Value	\$14,886,000	\$11,900,000	\$11,870,000
Assessed Value	\$13,090,000	\$11,900,000	\$11,870,000

Benefits Information				
Benefit	Type	2020	2019	2018
Non-Homestead Cap	Assessment Reduction	\$1,796,000		

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

Short Legal Description
23 52 40 10.43 AC M/L PB 87-64
MIAMI LAKES FAIRWAY VIEW SECTION
TRACTS A & B & TH PT OF TR 32 PER
PB 2-17 LYG NLY OF MIAMI LAKEWAY
DR & WLY OF TR A PB 87-64

Taxable Value Information			
	2020	2019	2018
County			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$13,090,000	\$11,900,000	\$11,870,000
School Board			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$14,886,000	\$11,900,000	\$11,870,000
City			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$13,090,000	\$11,900,000	\$11,870,000
Regional			
Exemption Value	\$0	\$0	\$0
Taxable Value	\$13,090,000	\$11,900,000	\$11,870,000

Sales Information			
Previous Sale	Price	OR Book-Page	Qualification Description

The Office of the Property Appraiser is continually editing and updating the tax roll. This website may not reflect the most current information on record. The Property Appraiser and Miami-Dade County assumes no liability, see full disclaimer and User Agreement at <http://www.miamidadecounty.gov/info/disclaimer.asp>

Version: