



Product Approval
USER: Public User

[Product Approval Menu](#) > [Application Detail](#)

OFFICE OF THE
SECRETARY

FL #	FL46754-R4												
Application Type	Revision												
Code Version	2026												
Application Status	Approved												
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.												
Comments													
Archived	☐												
Product Manufacturer	FT Synthetics Inc.												
Address/Phone/Email	5690-268 St. Langley, NON-US (973) 628-4048 michael.stieh@gaf.com												
Authorized Signature	Michael Stieh michael.stieh@gaf.com												
Technical Representative	Michael Stieh												
Address/Phone/Email	1 Campus Dr Parsippany, NJ 07054 (973) 628-4048 michael.stieh@gaf.com												
Quality Assurance Representative													
Address/Phone/Email													
Category	Roofing												
Subcategory	Underlayments												
Compliance Method	Evaluation Report from a Product Evaluation Entity												
Evaluation Entity	NEMO CERT, LLC (Eval)												
Quality Assurance Entity	NEMO CERT, LLC (INSPECT)												
Quality Assurance Contract Expiration Date	12/31/2030												
Validated By	NEMO CERT, LLC (Validation)												
Certificate of Independence	FL46754 R4 COI 2026 07 COI NEMO CERT.pdf												
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th><th>Year</th></tr> </thead> <tbody> <tr> <td>ASTM D1970</td><td>2021</td></tr> <tr> <td>ASTM D4798</td><td>2011</td></tr> <tr> <td>FRSA/TRI Manual</td><td>2023</td></tr> <tr> <td>TAS 103</td><td>2020</td></tr> <tr> <td>UL 1897</td><td>2015</td></tr> </tbody> </table>	Standard	Year	ASTM D1970	2021	ASTM D4798	2011	FRSA/TRI Manual	2023	TAS 103	2020	UL 1897	2015
Standard	Year												
ASTM D1970	2021												
ASTM D4798	2011												
FRSA/TRI Manual	2023												
TAS 103	2020												
UL 1897	2015												
Equivalence of Product Standards Certified By													
Sections from the Code													

Product Approval Method

Method 1 Option C

Date Submitted

07/23/2026

Date Validated

07/23/2026

Date Pending FBC Approval

Date Approved

07/27/2026

Summary of Products

FL #	Model, Number or Name	Description
46754.1	FT Synthetics Roof Underlayments	Self-adhering roof underlayments
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-105 Other: 1.) The design pressure limitation is for tile-roof installations only. Refer to NER Section 4.7.2 for details. 2.) Refer to NER Section 4 for Limits of Use.		Installation Instructions FL46754 R4 II 2026 07 23 FINAL NER-FTS-002.B.R4 FL46754-R4.pdf Verified By: NEMO CERT, LLC (Eval) Created by Independent Third Party: Evaluation Reports FL46754 R4 AE 2026 07 23 FINAL NER-FTS-002.B.R4 FL46754-R4.pdf

[Back](#)

[Next](#)

[Contact Us](#) :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:





NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23
Page 1 of 8

FT Synthetics, Inc.
FL46754-R4

Nemo|cert.

353 Christian Street, Unit 12b
Oxford, CT 06478
(475) 888-CERT (2378)
www.nemocert.com

INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

NEMO EVALUATION REPORT (NER)



FT Synthetics, Inc.
1 Campus Drive
Parsippany, NJ 07054
(973) 628-3000

SUBJECT: FT Synthetics Roof Underlayments

SCOPE: This NEMO Evaluation Report (henceforth 'NER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida and ISO/IEC 17065 via [NEMO|cert.](#) NEMO Evaluations has evaluated the product described herein for compliance with the [Code sections noted herein](#).

CODE: 2026 Florida Building Code, 9th Edition
2023 Florida Building Code, 8th Edition
2026 Florida Building Code, Residential, 9th Edition
2023 Florida Building Code, Residential, 8th Edition

JURISDICTION: Non-HVHZ and HVHZ

NEMO CATEGORY: Steep Slope

FBC CATEGORY: Roofing

FBC SUB-CATEGORY: Underlayment

CSI DIVISION: 07 00 00 Thermal and Moisture Protection
07 30 05 Roofing Felt and Underlayment

METHOD: Method 1, Option C – Codified Material, Evaluation by Evaluation Entity

COMPLIANCE STATEMENT: FT Synthetics Roof Underlayments, as produced by FT Synthetics, Inc., have demonstrated compliance with the [Code sections noted herein](#) through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

QUALITY ASSURANCE: Evidence of current quality assurance shall be listing and labeling in accordance with the requirements of [NEMO|cert.](#)

CONTINUED COMPLIANCE: This NER is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations require, at minimum, a complete review of this NER with each 3-year Code Cycle.

BUILDING PERMIT REQUIREMENTS: As required by the Building Official or Authority Having Jurisdiction to evaluate the installation of this product.

ADVERTISEMENT: "NEMO Evaluated" may be displayed in advertising literature. If any portion of the NER is displayed, it shall be displayed in its entirety.

CERTIFICATION OF INDEPENDENCE:

- ✓ NEMO CERT, 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.
- ✓ NEMO CERT, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.

NEMO CERT, LLC
www.nemocert.com

©NEMO. All rights reserved.



ISO/IEC 17065



PCA-145



ISO/IEC 17020



AA-779



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23
Page 2 of 8

FT Synthetics, Inc.
FL46754-R4



1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2026 Florida Building Code, 9 th Edition	1504.2.1.4	Wind resistance	UL 1897
	1507.1.1, 1507.2.9.2, 1507.2.9.3, 1518.2, TAS 110	Material standard	ASTM D1970
	1507.3.3	Material standard	FRSA/TRI Manual
	1523.6.5.2.1, TAS 110	Material standard	TAS 103
	TAS 110	Accelerated Weathering	ASTM D4798
2026 Florida Building Code, Residential, 9 th Edition	R905.1.1, R905.2.8.2, R905.2.8.5	Material standard	ASTM D1970
	R905.3.3	Material standard	FRSA/TRI Manual
2023 Florida Building Code, 8 th Edition	1504.2.1.4	Wind resistance	UL 1897
	1507.1.1, 1507.2.9.2, 1507.2.9.3, 1518.2, TAS 110	Material standard	ASTM D1970
	1507.3.3	Material standard	FRSA/TRI Manual
	1523.6.5.2.1, TAS 110	Material standard	TAS 103
	TAS 110	Accelerated Weathering	ASTM D4798
2023 Florida Building Code, Residential, 8 th Edition	R905.1.1, R905.2.8.2, R905.2.8.5	Material standard	ASTM D1970
	R905.3.3	Material standard	FRSA/TRI Manual

2. PRODUCTS:

TABLE 1: EVALUATED UNDERLAYMENTS (NEMO Certified. Consult Directory of Certified Products for production location(s))		
PRODUCT	MATERIAL STANDARD	DESCRIPTION
FT Platinum HT-SA	ASTM D1970 ¹	Nominal 50-mil, self-adhering, multi-layered roof underlayment composed of a synthetic top facer bonded to a polymer modified bituminous layer and release film.
FT Performance SA Leak Barrier		
FT Platinum HT-B	ASTM D1970 ¹	Self-adhered waterproofing membrane with butyl rubber adhesive and slip-resistant walking surface.
FT Premier Butyl Leak Barrier		
FT Specialty FR Leak Barrier	ASTM D1970	Self-adhering, glass-mat reinforced, polymer modified bitumen roof underlayment.
FT Specialty Tile Leak Barrier	ASTM D1970 TAS 103	Self-adhering, fiberglass reinforced, polyester surfaced, SBS modified bitumen roof underlayment.

¹ Agreement between purchaser and seller, as set forth in Section 4.3, Note 1 of ASTM D1970-17, should be established as to slip resistance.



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23
Page 3 of 8

FT Synthetics, Inc.
FL46754-R4



3. INSTALLATION:

3.1 Unless otherwise noted, the term “FT Synthetics Roof Underlayments” herein includes the following products:

FT Platinum HT-SA, FT Performance SA Leak Barrier, FT Platinum HT-B, FT Premier Butyl Leak Barrier, FT Specialty FR Leak Barrier, and FT Specialty Tile Leak Barrier

3.2 FT Synthetics Roof Underlayments shall be installed in accordance with FT Synthetics published installation instructions, subject to the [Limitations of Use](#) noted herein. In case of conflict between published installation instructions and this NER, this NER governs.

3.2.1 The report holder’s installation instructions shall be made available at the jobsite at all times during installation.

3.3 Substrates shall be in accordance with codified requirements to the satisfaction of the Authority Having Jurisdiction. 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).

3.4 FBC (non-HVHZ) and FBC Residential:

3.4.1 Refer to [Section 3.4.2](#) herein for underlayments having prescriptive codified minimum attached requirements or [Section 4.7.2](#) herein for underlayment systems having maximum design pressures established in accordance with FBC 1504.2.1.4.

3.4.2 Prescriptive Underlayment Systems for use in NON-TILE applications:

3.4.2.1 CODE REFERENCE: 1507.1.1.1 or R905.1.1.1, Option 1:

APPLICATION: Underlayment adhered to deck

DECK DESCRIPTION: Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction.

UNDERLAYMENT: FT Synthetics Roof Underlayments self-adhered in accordance with FBC Section 1507.1.1.1(1) or R905.1.1.1(1) and back-nailed in accordance with the manufacturer’s requirements.

SURFACING: FBC Approved asphalt shingles, metal roof panels or metal shingles, slate or slate type shingles, subject to the allowable roof covers in [Table 2a](#) herein.

3.4.2.2 CODE REFERENCE: 1507.1.1.1 or R905.1.1.1, Option 2:

APPLICATION: Self-adhering strips to deck-joints followed by underlayment mechanically attached to deck

DECK DESCRIPTION: Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction

SECONDARY WATER BARRIER: Min. 3 ¾-inch wide strips of FT Synthetics Roof Underlayments self-adhered over joints of the roof deck prior to installation of subsequent layer(s) in accordance with FBC Section 1507.1.1.1(2) or R905.1.1.1(2). Do not overlap end-joints or T-joints. All end-joints and T-joints shall be butted firmly side by side, flush with each other but not overlapped.

UNDERLAYMENT: FBC Approved, ASTM D226 Type II, ASTM D4869 Type III or IV, ASTM D6757 or ASTM D8257 underlayment in accordance with FBC Table 1507.1.1.1 or Table R905.1.1.1, with a minimum 4-inch side lap and 6-inch end lap, mechanically fastened to deck.

FASTENERS: Min. 0.083-inch diameter annular ring or deformed shank nails with metal or plastic caps with a nominal cap diameter of not less than 1-inch and minimum thickness as follows. Note: Metal caps are required where the ultimate design wind speed, V_{ult} , equals or exceeds 170 mph.

Cap Type	Minimum thickness
----------	-------------------

Metal cap	32 ga. sheet metal
-----------	--------------------

Power-driven metal cap	0.010-inch
------------------------	------------

Plastic cap	0.035-inch (outside edge thickness)
-------------	-------------------------------------

The nail shall be of sufficient length to penetrate through the roof sheathing, or not less than 0.75-inch into the roof sheathing.

FASTENING: Grid pattern of 12-inches between the overlaps and 6-inch spacing at the overlaps, in accordance with FBC Table 1507.1.1.1 or Table R905.1.1.1

SURFACING: FBC Approved prepared roof cover, subject to the limitations in FBC Table 1507.1.1.1 or Table R905.1.1.1.



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4

Revision 4: 2026-07-23

FT Synthetics, Inc.

FL46754-R4



ISO/IEC 17065



ACCREDITED

Product Certification Agency

PCA-145

NEMO|cert.® Page 4 of 8

3.4.2.3

CODE REFERENCE:	1507.1.1.1 or R905.1.1.1, Option 1 combined with Option 2 or 3:								
APPLICATION:	Optional self-adhering strips to deck-joints followed by base sheet mechanically fastened to deck followed by underlayment adhered to base sheet								
DECK DESCRIPTION:	Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction								
SECONDARY WATER BARRIER:	(Optional) Min. 3 ¾-inch wide strips of FT Synthetics Roof Underlayments self-adhered over joints of the roof deck prior to installation of subsequent layer(s) in accordance with FBC Section 1507.1.1.1(2) or R905.1.1.1(2). Do not overlap end-joints or T-joints. All end-joints and T-joints shall be butted firmly side by side, flush with each other but not overlapped.								
BASE SHEET:	One (1) layer of FBC Approved, ASTM D226 Type II, ASTM D4869 Type III or IV or ASTM D8257 underlayment in accordance with FBC Table 1507.1.1.1 or Table R905.1.1.1, with a minimum 4-inch side lap and 6-inch end lap or two (2) layers of FBC Approved, ASTM D226 Type II, ASTM D4869 Type III or IV or ASTM D8257 in accordance with FBC Section 1507.1.1.1(3) or R905.1.1.1(3), mechanically fastened to deck								
FASTENERS:	Min. 0.083-inch diameter annular ring or deformed shank nails with metal or plastic caps with a nominal cap diameter of not less than 1-inch and minimum thickness as follows. Note: Metal caps are required where the ultimate design wind speed, V_{ult}, equals or exceeds 170 mph. <table><tr><td>Cap Type</td><td>Minimum thickness</td></tr><tr><td>Metal cap</td><td>32 ga. sheet metal</td></tr><tr><td>Power-driven metal cap</td><td>0.010-inch</td></tr><tr><td>Plastic cap</td><td>0.035-inch (outside edge thickness)</td></tr></table> The nail shall be of sufficient length to penetrate through the roof sheathing, or not less than 0.75-inch into the roof sheathing.	Cap Type	Minimum thickness	Metal cap	32 ga. sheet metal	Power-driven metal cap	0.010-inch	Plastic cap	0.035-inch (outside edge thickness)
Cap Type	Minimum thickness								
Metal cap	32 ga. sheet metal								
Power-driven metal cap	0.010-inch								
Plastic cap	0.035-inch (outside edge thickness)								
FASTENING:	Grid pattern of 12-inches between the overlaps and 6-inch spacing at the overlaps, in accordance with FBC Table 1507.1.1.1 or Table R905.1.1.1 or FBC Section 1507.1.1.1(3) or R905.1.1.1(3).								
UNDERLAYMENT:	FT Synthetics Roof Underlayments self-adhered in accordance with FBC Section 1507.1.1.1(1) or R905.1.1.1(1) and back-nailed in accordance with the manufacturer's requirements.								
SURFACING:	FBC Approved asphalt shingles, metal roof panels or metal shingles, slate or slate type shingles, subject to the allowable roof covers in Table 2a herein.								

3.5 FBC HVHZ (Broward and Miami-Dade Counties):

3.5.1 Refer to [Section 3.5.2](#) herein for underlayments having prescriptive codified minimum attachment requirements or [Section 4.7.2](#) herein for underlayment systems having maximum design pressures established in accordance with TAS 103.

3.5.2 Prescriptive Underlayment Systems for use in NON-TILE applications:

3.5.2.1	CODE REFERENCE:	1518.2.1, Option 1:
	APPLICATION:	Underlayment adhered to deck
	DECK DESCRIPTION:	Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction.
	UNDERLAYMENT:	FT Synthetics Roof Underlayments self-adhered in accordance with FBC Section 1518.2.1(1) and back-nailed max. 12-inch o.c. using FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5).
	SURFACING:	FBC HVHZ Approved asphalt shingles, metal roof panels or metal shingles, slate or slate type shingles, subject to the allowable roof covers in Table 2a herein.
3.5.2.2	CODE REFERENCE:	1518.2.1, Option 2:
	APPLICATION:	Self-adhering strips to deck-joints followed by underlayment mechanically attached to deck
	DECK DESCRIPTION:	Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction
	SECONDARY WATER BARRIER:	Min. 3 ¾-inch wide strips of FT Synthetics Roof Underlayments self-adhered over joints of the roof deck prior to installation of subsequent layer(s) in accordance with FBC Section 1518.2.1(2). Do not overlap end-joints or T-joints. All end-joints and T-joints shall be butted firmly side by side, flush with each other but not overlapped.
	UNDERLAYMENT:	FBC HVHZ Approved, ASTM D226 Type II, ASTM D4869 Type III or IV or ASTM D8257 underlayment in accordance with FBC Table 1518.2.1, 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), grid pattern of 12-inches between the overlaps and 6-inch spacing at the overlaps, in accordance with FBC Table 1518.2.1.
	SURFACING:	FBC HVHZ Approved prepared roof cover, subject to the limitations in FBC Table 1518.2.1.



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23
Page 5 of 8

FT Synthetics, Inc.
FL46754-R4



3.5.2.3

CODE REFERENCE:	1518.2.1, Option 1 combined with Option 2 or 3:
APPLICATION:	Optional self-adhering strips to deck-joints followed by base sheet mechanically fastened to deck followed by underlayment adhered to base sheet
DECK DESCRIPTION:	Code-minimum wood deck to the satisfaction of the Authority Having Jurisdiction
SECONDARY WATER BARRIER:	(Optional) Min. 3 3/4-inch wide strips of FT Synthetics Roof Underlayments self-adhered over joints of the roof deck prior to installation of subsequent layer(s) in accordance with FBC Section 1518.2.1(2). Do not overlap end-joints or T-joints. All end-joints and T-joints shall be butted firmly side by side, flush with each other but not overlapped.
BASE SHEET:	One (1) layer of FBC Approved, ASTM D226 Type II, ASTM D4869 Type III or IV or ASTM D8257 underlayment in accordance with FBC Table 1518.2.1, with a minimum 4-inch side lap and 6-inch end lap or two (2) layers of FBC Approved, ASTM D226 Type II, ASTM D4869 Type III or IV or ASTM D8257 underlayment in accordance with FBC Section 1518.2.1(3), mechanically fastened to deck
FASTENING:	FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5), grid pattern of 12-inches between the overlaps and 6-inch spacing at the overlaps, in accordance with FBC Table 1518.2.1 or FBC Section 1518.2.1(3).
UNDERLAYMENT:	FT Synthetics Roof Underlayments self-adhered in accordance with FBC Section 1518.2.1(1) and back-nailed max. 12-inch o.c. using FBC HVHZ Approved nails and tin caps (FBC HVHZ 1517.5).
SURFACING:	FBC HVHZ Approved asphalt shingles, metal roof panels or metal shingles, slate or slate type shingles, subject to the allowable roof covers in Table 2a herein.

4. LIMITATIONS OF USE:

- 4.1 This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance. NERs are not to be construed as representing any attributes not specifically listed, nor are NERs to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.
- 4.2 This NER 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.
- 4.3 **FT Synthetics 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 NER combined with supporting data for the prepared roof covering.
- 4.4 **Fire Classification:**
 - 4.4.1 FT Specialty FR Leak Barrier may be used as outlined in the NEMO Scope of Certification [D6457016K](#).
 - 4.4.2 **FT Synthetics Roof Underlayments** may be used in non-classified roof coverings or as a component of a classified roofing assembly when specifically recognized as such in a listing approved by the Authority Having Jurisdiction.



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23

FT Synthetics, Inc.
FL46754-R4



4.5 Allowable Roof Covers:

Table 2a lists allowable roof cover types, subject to fire classification referenced in Section 4.4 herein (if applicable).

TABLE 2A: ROOF COVER OPTIONS					
UNDERLAYMENT	ROOF COVER	FBC AND FBC-R SECTION(S)		FBC HVHZ SECTIONS	
		SECTION	USE	SECTION	USE
FT Platinum HT-SA, FT Performance SA Leak Barrier	Asphalt Shingles	1507.2, R905.2	Yes	RAS 115, 1518.2.1	Yes
	Roof Tile	1507.3, R905.3	Yes ²	RAS 118, 119 or 120	No
	Metal Shingles or Panels	1507.4, 1507.5, R905.4, R905.10	Yes	RAS 133, 1518.2.1	Yes
	Slate or Slate-Type Shingles	1507.7, R905.6	Yes	1518.2.1	Yes
	Wood Shingles or Shakes	1507.8, 1507.9, R905.7, R905.8	Yes ³	RAS 130, 1518.10	Yes ⁴
FT Platinum HT-B, FT Premier Butyl Leak Barrier, FT Specialty FR Leak Barrier	Asphalt Shingles	1507.2, R905.2	Yes	RAS 115, 1518.2.1	Yes
	Roof Tile	1507.3, R905.3	No	RAS 118, 119 or 120	No
	Metal Shingles or Panels	1507.4, 1507.5, R905.4, R905.10	Yes	RAS 133, 1518.2.1	Yes
	Slate or Slate-Type Shingles	1507.7, R905.6	Yes	1518.2.1	Yes
	Wood Shingles or Shakes	1507.8, 1507.9, R905.7, R905.8	Yes ³	RAS 130, 1518.10	Yes ⁴
FT Specialty Tile Leak Barrier	Asphalt Shingles	1507.2, R905.2	Yes	RAS 115, 1518.2.1	Yes
	Roof Tile	1507.3, R905.3	Yes ²	RAS 118, 119 or 120	Yes ²
	Metal Shingles or Panels	1507.4, 1507.5, R905.4, R905.10	Yes	RAS 133, 1518.2.1	Yes
	Slate or Slate-Type Shingles	1507.7, R905.6	Yes	1518.2.1	Yes
	Wood Shingles or Shakes	1507.8, 1507.9, R905.7, R905.8	Yes ³	RAS 130, 1518.10	Yes ⁴

4.5.1 In addition to the codified roof cover options noted above, allowable roof covers include synthetic or composite shingles, slate or shakes holding current [Florida Product Approval](#) (statewide or local).

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

TABLE 2B: ALLOWABLE UNDERLAYMENT / TILE-ADHESIVE COMBINATIONS ⁵			
UNDERLAYMENT	ADHESIVE	CODE COMPLIANCE REPORT	
		FBC FPA	FBC HVHZ
FT Platinum HT-SA, FT Performance SA Leak Barrier (Non-HVHZ Only)	DAP "StormBond"	FL14506	N/A
	DAP "StormBond 2"	FL14506	N/A
	DuPont "Tile Bond"	FL22525	N/A
	ICP "Polyset AH-160"	FL6332	N/A
FT Specialty Tile Leak Barrier	DAP "StormBond Roof Tile Adhesive Low GWP"	FL14506	23-0327.12
	DAP "StormBond 2 Roof Tile Adhesive"	FL14506	22-0512.02
	DuPont "Tile Bond™ Roof Tile Adhesive"	FL22525	22-0614.05
	ICP "APOC Polyset AH-160"	FL6332	23-0614.01
	ICP "APOC Polyset RTA-1"	FL6276	25-1219.03

² For roof tile, used with mechanically fastened tile or adhesive-set tile using adhesive options set forth in [Table 2b](#).

³ For the FBC and use with wood shakes and wood shingles, product is used as min. 3-3/4-inch wide joint-strips per FBC 1507.1.1.1(2) / FBC R905.1.1.1(2) or installed in full-coverage atop ASTM D226, Type II felt or ASTM D4869 Type III or IV felt mechanically attached in accordance with FBC Table 1507.1.1.1 or FBC Residential Table R905.1.1.1.

⁴ For the FBC HVHZ and use with wood shakes and shingles, product use is limited to use as a closed-valley liner, as specified in Section 4.3 of RAS 130.

⁵ Refer to Tile Manufacturer's or Adhesive Manufacturer's compliance documentation for Overturning Moment Resistance Performance



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4

Revision 4: 2026-07-23

FT Synthetics, Inc.

FL46754-R4



4.6 Allowable Substrates:

TABLE 3: SUBSTRATE OPTIONS FOR ADHERED UNDERLAYMENTS				
UNDERLAYMENT	APPLICATION	SUBSTRATES (DESIGNED TO MEET WIND LOADS FOR PROJECT)		
		TYPE	PRIMER	MATERIAL(S)
FT Platinum HT-SA, FT Performance SA Leak Barrier	self-adhering	Deck / sheathing	(Optional) ASTM D41	Plywood or OSB
		Base Sheet	None	ASTM D226, Type II felt
FT Platinum HT-B, FT Premier Butyl Leak Barrier, FT Specialty FR Leak Barrier, FT Specialty Tile Leak Barrier	self-adhering	Deck / sheathing	None	Plywood

4.7 Attachment Limitations:

4.7.1 For use in NON-TILE applications under the FBC and FBC Residential, refer to [Section 3](#) herein and the applicable Code requirements.

4.7.2 Wind Resistance for Underlayment Systems in Tile Roof Applications under the FBC and FBC Residential:

4.7.2.1 The following wind uplift limitations apply to tile underlayment systems per **FBC 1504.2.1.4** and **FBC HVHZ 1523.6.5.2.1**. The Maximum Design Pressure ('MDP') 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).

4.7.2.2 Unless otherwise noted, referenced back-nail (if required) shall utilize corrosion resistant metal cap nails meeting specifications set forth in FBC Table 1507.1.1.1 or "nail and tin caps" meeting the specifications set forth in **FBC HVHZ 1517.5**. For installation in saltwater environments, fasteners shall demonstrate compliance with the applicable requirement of FBC Table 1711.1 to the satisfaction of the Authority Having Jurisdiction. Nails shall be corrosion resistant and be of sufficient length to penetrate through the sheathing by min. 3/16-inch.

TABLE 4A: ALLOWABLE DESIGN PRESSURES, ADHERED, DIRECT-TO-DECK UNDERLAYMENT SYSTEMS				
SYSTEM No.	DECK	PRIMER	UNDERLAYMENT	MAX. DESIGN PRESSURE (PSF)
1	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	None	FT Specialty Tile Leak Barrier, self-adhered and back-nailed using 12 ga. x 3/8-inch head diameter annular ring shank roofing nails and 32 ga. x 1-5/8-inch diameter tin caps, max. 12-inch o.c.	-90.0
2	Plywood, APA rated sheathing, 40/20, Exposure 1, PS1, 19/32 category	(Optional) ASTM D41	FT Platinum HT-SA or FT Performance SA Leak Barrier, self-adhered and back-nailed in accordance with FT Synthetics installation instructions, max. 12-inch o.c.	-97.5
3	Plywood, APA rated sheathing, 32/16, Exposure 1, PS1, 15/32 category	None	FT Platinum HT-SA or FT Performance SA Leak Barrier, self-adhered and back-nailed using 12 ga. x 3/8-inch head diameter annular ring shank roofing nails and 32 ga. x 1-5/8-inch diameter tin caps, max. 12-inch o.c.	-105.0



NEMO EVALUATIONS REPORT

Report No.: NER-FTS-002.B.R4
Revision 4: 2026-07-23
Page 8 of 8

FT Synthetics, Inc.
FL46754-R4



4.8 Exposure Limitations:

TABLE 5: EXPOSURE LIMITATIONS		
UNDERLAYMENT	PREPARED ROOF COVER INSTALLATION TYPE (OVERTOP OF UNDERLAYMENT)	MAXIMUM EXPOSURE (DAYS)
FT Platinum HT-SA, FT Performance SA Leak Barrier, FT Specialty Tile Leak Barrier	Mechanically attached or adhesive-set tile roof system	180
FT Platinum HT-B, FT Premier Butyl Leak Barrier, FT Specialty FR Leak Barrier	Mechanically attached	180

4.9 Tile Slippage Limitations:

When loading roof tiles on the underlayment, the maximum roof slope shall be as follows. Slopes in excess of these limitations require the use of battens or loading boards during loading of the roof tiles.

TABLE 6: TILE SLIPPAGE LIMITATIONS			
UNDERLAYMENT	TILE PROFILE	STAGING METHOD	MAXIMUM SLOPE
FT Platinum HT-SA, FT Performance SA Leak Barrier (Non-HVHZ Only)	Flat	10-tile stack	4:12
	Lugged	10-tile stack	4:12
FT Specialty Tile Leak Barrier	Lugged	10-tile stack	6:12

- 4.10 All components in the roof assembly shall have quality assurance audit in accordance with F.A.C. [Rule 61G20-3](#). Refer to the Product Approval of the component manufacturer for components mentioned herein that are produced by a Product Manufacturer other than this report holder.

- END OF NER -