



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
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NOTICE OF ACCEPTANCE (NOA)

FT Synthetics, Inc.
5690 268 St
Langley City, BC V4W 3X4, Canada

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: FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP

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

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

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

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

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

This NOA revises NOA No. 21-0712.02 and consists of pages 1 through 6.
The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 21-1213.01
Expiration Date: 04/21/26
Approval Date: 09/01/22
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: Polypropylene, Modified Rubber Asphalt

SCOPE:

This approves **FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP**, as described in this Notice of Acceptance; designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
FT Synthetics Silver <i>Manufacturing Location #1</i>	48" x 250' rolls 26 lbs. per roll	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
FT Synthetics Gold <i>Manufacturing Location #1</i>	48" x 250' rolls 32 lbs. per roll	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
FT Synthetics Platinum <i>Manufacturing Location #1</i>	48" x 250' rolls 35 lbs. per roll	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
FT Synthetics PRO-20 <i>Manufacturing Location #1</i>	42" x 286' rolls 21 lbs. per roll	ASTM D226 Type I & II	Woven synthetic polymer underlayment with two sides coated with UV protected and slip resistant polymer stabilized polypropylene on both sides.
FT Synthetics HYDRA <i>Manufacturing Location #1</i>	48" x 125' rolls 20 lbs. per roll	ASTM D226 Type I & II	Non-woven synthetic polymer underlayment with breathable coating.
FT Synthetics KOMODO BSA <i>Manufacturing Location #1</i>	36" x 67' rolls 44 lbs. per roll	ASTM D1970	Self-adhering, waterproofing membrane made with butyle rubber adhesive used in steep slope roofing applications.
FT Synthetics Platinum HTB <i>Manufacturing Location #1</i>	36" x 67' rolls 44 lbs. per roll	ASTM D1970	Self-adhering, waterproofing membrane made with butyle rubber adhesive used in steep slope roofing applications.
FT Synthetics COBALT ULTRA <i>Manufacturing Location #1</i>	36" x 67' rolls 28 lbs. per roll	ASTM D1970	Self-adhering, peel and stick roofing underlayment used in steep slope roofing applications.
FT Synthetics FT Butyl MP <i>Manufacturing Location #1</i>	36" x 67' rolls 44 lbs. per roll	ASTM D1970 TAS 103	Self-adhering, peel and stick roofing underlayment used in steep slope roofing applications.



NOA No.: 21-1213.01
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MANUFACTURING LOCATION:

- 1. Langley City, BC Canada

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek Testing Services	101866009COQ-002A	Physical properties	11/19/14
	103477446COQ-002	ASTM D226	05/18/18
	103477446COQ-002A	ASTM D226	05/18/18
NEMO ETC, LLC	104182997COQ-002	ASTM D1970	02/18/20
	4j-FTS-20-SSUDL-01.A	ASTM D1970	12/01/20
	4j-FTS-20-SSUDL-02.A	ASTM D1970	03/05/21
	4j-FTS-21-SSUDL-02.A	ASTM D4798 / TAS 110	06/23/21
	4j-FTS-21-SSUDL-03.A	ASTM D4798 / TAS 110	11/15/21
	4j-FTS-22-SSUDL-05.B	TAS 103	07/07/22

BUILDING PERMIT REQUIREMENTS:

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

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

APPROVED ASSEMBLIES

- Deck Type 1:** Wood, non-insulated
- Deck Description:** 19/32” or greater plywood or wood plank
- System E(1):** Anchor sheet mechanically fastened to deck, membrane adhered.
- Base Sheet:** One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4” side 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.
- Membrane:** One or more plies of **FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA** underlayments with a minimum 4” side lap and 6” end lap.
- Surfacing:** Approved Roof Assemblies. See Installation Specifications #7.



- Deck Type 1:** Wood, non-insulated
- Deck Description:** 1⁹/₃₂" or greater plywood or wood plank
- System E(2):** Anchor sheet mechanically fastened to deck, membrane adhered.
- Base Sheet:** One or more plies of ASTM D226 Type II or ASTM D2626 with a minimum 4" side 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.
- Membrane:** One or more plies of **FT Synthetics FT Butyl MP** underlayments with a minimum 4" side lap and 6" end lap.
- Surfacing:**
- FT Synthetics FT Butyl MP shall be acceptable for use in approved asphaltic shingles, wood shakes, shingles, quarry slate, metal roof, and mechanically fastened roof tile applications.
 - FT Synthetics FT Butyl MP may be used with any approved adhered roof tile system as specified in their current NOA using the following tile adhesives with current NOA:
 - ICP Adhesives and Sealants, Inc.'s ICP Adhesive Polyset AH-160 (HFC).

Must comply with applicable Roofing Application Standards and Building Codes.

INSTALLATION SPECIFICATIONS: (Single Layer: Slopes of 2:12 or greater)

FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP

1. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP shall be installed in strict compliance with applicable Building Code.
2. Observe and comply with roofing practices and guidelines as outlined by the National Roofing Contractors Associations (NRCA) when installing FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP.
3. During installation, comply with Occupational Safety and Health Administration (OSHA) safety standards; use common sense measures and adequate safety precautions to prevent accidents.
4. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA Roof Underlayments shall be installed with a minimum 4-inch horizontal lap and 6-inch vertical laps in a shingle layer fashion. Vertical laps in a succeeding course shall be staggered from those in preceding course by minimum 6-feet.
5. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA Roof Underlayments shall be fastened with approved roofing nails and tin-caps spaced 6" o.c. at all laps and three staggered rows fastened 12" o.c. in the field of the roll.
6. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA Roof Underlayments may be used with asphaltic shingles, wood shakes and shingles, non-structural metal roofing, and quarry slate.



INSTALLATION SPECIFICATIONS: (Continued)

7. FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA Roof Underlayments may be used with asphaltic shingles, wood shakes and shingles, and slate or mechanically attached non-tile roof covers.
8. FT Synthetics FT Butyl MP shall be acceptable underlayment for mechanically fastened roof tile and adhered roof tile applications.
9. For fire classification of specific roof assemblies using FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments refer to a current Approved Roofing Materials Directory for fire ratings of this product.

LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code.
3. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP shall be applied to a smooth, clean and dry surface with deck free of irregularities. 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.
4. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments shall not be hot mopped, refer to manufacturer's published literature for product compatibility.
5. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments shall not be applied over an existing roof membrane as a recover system.
6. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics COBALT ULTRA Underlayments shall not be left exposed as a temporary roof for longer than 30 days of application.
7. FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics FT Butyl MP Underlayments shall not be left exposed as a temporary roof for longer than 180 days of application.
8. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments are components used in roof system assemblies. Roof system assemblies are approved under a specific Notice of Acceptance. Refer to Prepared Roofing system Product Control Notice of Acceptance for listed approval of this product with specific prepared roofing products.



LIMITATIONS: (CONTINUED)

- 9. FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments may be used with any approved roof covering Notice of Acceptance listing FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments as a component part of an assembly in the Notice of Acceptance. If FT Synthetics Silver, FT Synthetics Gold, FT Synthetics Platinum, FT Synthetics Pro-20, FT Synthetics HYDRA, FT Synthetics KOMODO BSA, FT Synthetics Platinum HTB, FT Synthetics COBALT ULTRA, FT Synthetics FT Butyl MP Roof Underlayments are 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. When loading roof tiles on roof tile underlayment for (direct-to-deck) tile assemblies, the maximum roof slope shall be as follows: (See Table Below).

Tile Profile	FT Synthetics FT Butyl MP
Flat Tile	4:12
Profiled Tile	7:12

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

- 11. All Tiles must be staged onto FT Synthetics FT Butyl MP not to exceed 10-high and shall require battens regardless of roof slope. Battens are required and shall be utilized during all loading and when installing tiles on slopes greater than 7:12.
- 12. 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.
- 13. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state 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

