

FT SYNTHETICS[®]

We Make Roofing Safer

Synthetic Roofing Underlayment



FT SYNTHETICS[®]

We Make Roofing Safer



Distributed by:



FT Synthetics Inc.

26977 56 Ave, Langley, B.C. Canada V4W 3Y2.

Phone: 604-594-3439 Toll Free: 1-844-353-9839

Fax: 604-594-3589 | Email: info@ftsyn.com

www.ftsyn.com

ABOUT FT SYNTHETICS

FT Synthetics is a fully integrated manufacturer. This allows for complete control over cost, delivery, and consistency of quality. FT Synthetics serves a global market for synthetic roofing underlayments and associated construction products. Our founders have over three decades of experience manufacturing and distributing roofing products with a record of delivering exceptional materials and efficient customer service. Thorough research and innovative product development has allowed for a unique and industry leading product range which is revolutionizing the industry.

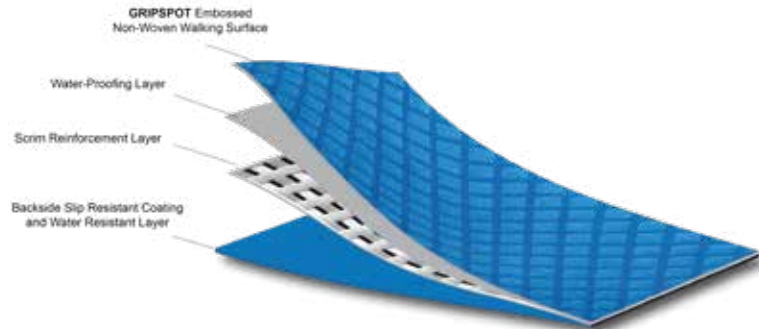


FT Synthetics consistently provides high quality products using advanced equipment for; non-wovens manufacturing, weaving, coating, adhesive application, lamination and printing. Our commitment to quality is ensured using product and process certification via Intertek as our third party auditor.

Intertek

GRIPSPOT™ TECHNOLOGY

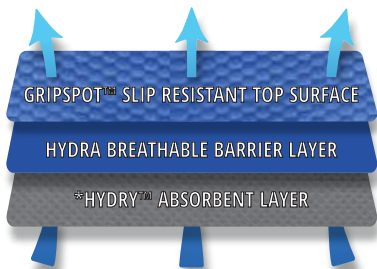
GRIPSPOT™ Technology provides a superior slip resistant walking surface for the ultimate in work place safety. The raised fibrous grip spots provide both traction as well as flow channels for shedding water and allowing faster dry times. GRIPSPOT™ slip resistant technology works under all conditions; wet, dusty, hot, cold, frosty, or dry.





Breathable Underlayment

HYDRA roofing underlayment offers durability, high permeability, and a unique HYDRY backside absorption technology that quickly absorbs water from the roof deck at a rate 10 times traditional #30 asphalt felt. This combination of high perm and absorption technology helps prevent mold and mildew by allowing trapped moisture to escape the attic space or roof deck.



*Patent Pending



- ▶ GRIPSPOT™ slip resistant walking surface - safer, reduces fatigue
- ▶ HYDRA lays flat, does not wrinkle or curl, and offers low temperature flexibility
- ▶ Ideal for use in breathable roof systems – metal, tile, slate and cedar shingles
- ▶ Durability - 6x stronger and 5x lighter than traditional #30 felt
- ▶ 6 month UV Protection, Limited Lifetime Warranty



Rolls & Pallets Specifications

Width x length per roll	48" x 125 ft.
Sq. ft. per roll	500 sq. ft.
Weight per roll	20 lbs / 9.0 kg
Rolls per pallet (48" x 48")	36
Rolls per truckload - 40 pallets	1440

MIAMI-DADE COUNTY
APPROVED

**FASTER DRYING
WITH ABSORBENT**

Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, ASTM D8257 CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code #FL20853, California Building Code Compliant, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance, RCABC Roofstar.

Specification & Standard	HYDRA	#30 Felt
Material composition	Polyolefin	Asphalt
UV resistance	6 Months	None
ASTM D226 types I & II	Meets & Exceeds	Meets
Water shower exposure ASTM D4869	Pass	Pass
Permeability ASTM E96-B	12 Perms	5 Perms
Permeability ASTM E96-BW	150 Perms	NA
Deck-side water absorbency in 10 min	35 g/m ²	NA
Hydrostatic head AATCC 127	700 mm	NA
Temperature range	-40°F to 240°F	NA
Nominal thickness ASTM D1777	30 mils / 0.76 mm	60 mils / 1.52 mm
Enhanced slip resistant surface	GRIPSPOT™	Basic
Class A fire ASTM E108	Pass	NA
Limited warranty	Lifetime	None

The Data shown above is based on the test averages and independent test reports. There can be a +/-10% variation in the individual test results. This report should not be considered as a warranty for the manufacturer. The manufacturer is not responsible for the misrepresentation or misinterpretation of the Data by the reader. Please find out more about the product by calling 1-844-353-9839 or visit www.ftsyn.com. The HYDRA and GRIPSPOT™ logos are registered trademarks of FT Synthetics Inc.





PLATINUM

FT SYNTHETICS

PLATINUM is an industry leading premium quality steep slope synthetic roofing underlayment that offers; extreme durability, higher value for your dollar, and unmatched safety for your crew with its superior traction GRIPSPOT™ walking surface. PLATINUM does not shrink, lays flat, and stays put due to a high quality non-slip backside coating. PLATINUM underlayment is designed for use under; metal, tile, slate, cement, shake or shingle primary roofing materials. It also meets and exceeds all required industry standards.



- ▶ GRIPSPOT™ slip resistant walking surface - safer, reduces fatigue
- ▶ Outstanding water holdout resistance - 20 mils thickness
- ▶ 180 day UV resistance, Limited Lifetime Warranty
- ▶ 100% recyclable polyolefin construction
- ▶ Available printed with your custom logo

FT SYNTHETICS PLATINUM

Specification & Standard	PLATINUM	#30 Felt
Length / width per roll	48" x 250ft	36" x 72ft
Weight / sq. ft. per roll	35 lbs (16 kg) / 1000 sq. ft.	45lbs/ 216 sq.ft.
Rolls per pallet (48" x 48")	36	25
Rolls per truckload - 32 pallets	1152	1000
Rolls required per 1,000 Sq feet	1	5
100% recyclable	Yes	No
Material composition	Polyolefin	Asphalt
UV resistance	180 days	None
Breaking strength ASTM D 5034 MD / CD	164 lbs (74 kg) / 152 lbs (69 kg)	NA
Tear strength ASTM D4533 MD / CD	40 lbs (18 kg) / 37 lbs (17 kg)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96	<0.05 Perms	1.75 Perms
Mullen Burst	130 psi	NA
Nominal thickness ASTM D1777	20 mils	60 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent	Basic
Limited warranty	Lifetime	None

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Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, ASTM D8257 CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code # FL20853, California Building Code Compliant, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance, RCABC Roofstar



GOLD

FT SYNTHETICS

FT GOLD is a steep slope roofing underlayment that is high quality, cost effective, and a reliable #30 felt replacement product. It is easy to carry, and has 5X more coverage per roll as compared to felt. GOLD has a wrinkle-free surface that lays flat, and stays put due to a high quality non-slip backside coating. Designed for use under; metal, tile, slate, cement and shake or shingle roofing materials.



- ▶ GRIPSPOT™ slip resistant walking surface - safer, reduces fatigue
- ▶ Great water holdout resistance - 16 mils thickness
- ▶ 180 day UV resistance, Limited Lifetime Warranty
- ▶ 100% recyclable polyolefin construction
- ▶ Available printed with your custom logo

FT SYNTHETICS GOLD

Specification & Standard	GOLD	#30 Felt
Length / width per roll	48" x 250ft	36" x 72ft
Weight / sq. ft. per roll	32 lbs (15 kg) / 1000 sq. ft.	45lbs/ 216 sq.ft.
Rolls per pallet (48" x 48")	36	25
Rolls per truckload - 36 pallets	1296	1000
Rolls required per 1,000 Sq feet	1	5
100% recyclable	Yes	No
Material composition	Polyolefin	Asphalt
UV resistance	180 days	None
Breaking strength ASTM D 5034 MD / CD	120 lbs (54 kg) / 110 lbs (50 kg)	NA
Tear strength ASTM D4533 MD / CD	35 lbs (16 kg) / 32 lbs (15 kg)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96	<0.05 Perms	1.75 Perms
Mullen Burst	125 psi	NA
Nominal thickness ASTM D1777	16 mils	60 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent	Basic
Limited warranty	Lifetime	None

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Intertek
CCRR - 1028
Control No. 5007301



Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, ASTM D8257 CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code# FL20853, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance, California Building Code Compliant, RCABC Roofstar.



SILVER

FT SYNTHETICS

FT SILVER is a contractor grade steep slope roofing underlayment, it is a cost effective, and reliable #30 felt replacement product. It is easy to manage and install, and has 5X more coverage per roll as compared to #30 felt. SILVER offers a wrinkle-free surface that lays flat, and stays put with its underside non-slip coating. It is designed for use under; wood, asphalt, and synthetic shingles, and residential metal roofing. SILVER meets and exceeds all required industry standards.



- ▶ GRIPSPOT™ slip resistant walking surface - safer, reduces fatigue
- ▶ Water resistant - 12 mils thickness
- ▶ 90 day UV resistance, 30 years limited warranty
- ▶ 100% recyclable polyolefin construction
- ▶ Available printed with your custom logo

FT SYNTHETICS SILVER

Specification & Standard	SILVER	#30 Felt
Length / width per roll	48" x 250ft	36" x 72ft
Weight / sq. ft. per roll	22 lbs (10 kg) / 1000 sq. ft.	45lbs/ 216 sq.ft.
Rolls per pallet (48" x 48")	64	25
Rolls per truckload	1920	1000
Rolls required per 1,000 Sq feet	1	5
100% recyclable	Yes	No
Material composition	Polyolefin	Asphalt
UV resistance	90 days	None
Breaking strength ASTM D 5034 MD / CD	107 lbs (49 kg) / 96 lbs (44 kg)	NA
Tear strength ASTM D4533 MD / CD	25 lbs (11 kg) / 23 lbs (10 kg)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96	<0.05 Perms	1.75 Perms
Mullen Burst	113 psi	NA
Nominal thickness ASTM D1777	12 mils	60 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent	Basic
Limited warranty	30 years	None

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Intertek
CCRR - 1028
Control No. 5007301



Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, ASTM D8257 CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code #FL20853, California Building Code Compliant, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance. RCABC Roofstar



PRO-20

FT SYNTHETICS

PRO20 is builder grade steep slope roofing underlayment that is a cost effective and a reliable #15 or #30 felt replacement product. It is easy to manage and install, and has 2.5X more coverage per roll as compared to #15 felt. PRO20 provides a wrinkle-free surface that lays flat, and stays put with its underside non-slip coating. It can be used under; wood, asphalt, and synthetic shingles, and residential metal roofing. PRO20 meets and exceeds all required industry standards.



- ▶ Fiber grip non-woven slip resistant walking surface
- ▶ Water resistant - 10 mils thickness
- ▶ 90 day UV resistance, 20 years limited warranty
- ▶ 100% recyclable polyolefin construction
- ▶ Available printed with your custom logo

FT SYNTHETICS PRO20

Specification & Standard	PRO20	#15 Felt
Length / width per roll	48" x 250ft	36" x 144ft
Weight / sq. ft. per roll	21 lbs (9 kg) / 1000 sq. ft.	45lbs / 432 sq. ft.
Rolls per pallet (48" x 48")	64	25
Rolls per truckload - 40 pallets	1984	1000
Rolls required per 1,000 Sq feet	1	2.5
100% recyclable	Yes	No
Material composition	Polyolefin	Asphalt
UV resistance	90 days	None
Breaking strength ASTM D 5034 MD / CD	101 lb (45 kg) / 96 lb (44 kg)	NA
Tear strength ASTM D4533 MD / CD	25 lb (11 kg) / 23 lb (10 kg)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96	<0.05 Perms	6 Perms
Mullen Burst	102 psi	NA
Nominal thickness ASTM D1777	10 mils	21 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent	Basic
Limited warranty	20 years	None

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 CCRR - 1028
 Control No. 5007301



Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code# FL20853, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance.

SYNTRACK

PRO BUILDER ROOFING UNDERLAYMENT

SynTrack is a mechanically attached synthetic roofing underlayment designed for steep slope roofing to provide a lasting secondary layer of protection against wind driven rain, shingle blow offs, and damage caused by adverse weather conditions.



- Superior non-woven slip resistance surface
- Water resistant - 8 mil thickness
- 90 day UV resistance
- 15 years limited warranty
- 100% recyclable, inert to mold and mildew, water resistant polyolefin construction

SynTrack: Technical Data

Specification & Standard	Typical Value	#15 Felt
Width x Length per roll	48" x 250ft	36" x 144 ft
Weight / sq. ft. per roll	20 lbs (9 kg) / 1000 sq.ft.	45lbs / 432 sq.ft.
Rolls per pallet (44" x 44")	64	25
Rolls per truckload - 32 pallets	2048	1000
Rolls required per 1,000 Sq feet	1	2.5
100% recyclable	Yes	No
Material composition	Polyolefin	Asphalt
UV resistance	90 days	None
Breaking strength ASTM D 5034 MD / CD	85 lb (38.6 kg) / 80 lb (36.3 kg)	NA
Tear strength ASTM D4533 MD / CD	23 lb (10 kg) / 21 lb (9.52 kg)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96	<0.05 Perms	6 Perms
Mullen Burst	100 psi	NA
Nominal thickness ASTM D1777	8 mils	21 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent	Basic
Limited warranty	15 years	None

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 CCRR - 1028
 Control No. 5007301



Product meets or exceeds all required building codes: ASTM D226, TYPE I&II ASTM D4869, ASTM D8257, CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code FL#20853.1



HIGH
TEMP
THERMAL STABILITY
265 F/129 C

COBALT FRM is a mechanically attached, fire retardant, and nail sealable synthetic roofing underlayment designed for steep sloped roofing applications. This product offers significant contribution towards achieving a UL Class A fire rated roofing system while at the same time offering a nail sealable waterproofing membrane in just one layer. Cobalt FRM offers a unique patented design that features a dedicated fireproofing layer with an inner butyl adhesive waterproofing layer.



- ▶ Reduce your labor cost in your UL classified roofing system as Cobalt FRM eliminates the need to install gypsum board over a plywood deck
- ▶ Nail sealable without having to remove a release liner and adhere to a deck - Passes ASTM D1970
- ▶ UL Classified - UL 790 per TGFU R40793
- ▶ Fiberglass reinforced for dimensional stability and added tear strength
- ▶ 180 day UV resistance
- ▶ Limited Lifetime Warranty - warranty matches that of primary roofing material

COBALT FRM

Specification & Standard	Typical Values
Length / width per roll	65 ft (19.8m) / 38 in (96.5 cm)
Weight / sq. ft. per roll	45 lbs (20.4 kg) / 205 sq.ft.
36 Rolls per pallet (44" x 44")/ 26 pallets per truckload - 936 rolls per truck load	
Walking surface	GRIPSPOT™ slip resistant
Nail sealability - ASTM D1970	Pass
Permeability - ASTM E96	0.45 Perms
Minimum thickness - ASTM D5147	40 mils (1.02 mm)
Tensile strength MD / CD - ASTM D5035	687 lbs/in / 556 lbs/in
Elongation - ASTM D5035	>30%
Lap seam – waterproof integrity – ASTM D1970	Pass
Tear resistance MD / CD - ASTM D4533	147 lbs 124 lbf
Low temperature flexibility - ICC AC48	Pass
Thermal stability	265° F (129° C)
Min installation temperature	-4° F (-20° C)
UV resistance	180 days
Limited warranty	Lifetime

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CCRR - 1028
Control No. 5007301

Cobalt FRM meets or exceeds the following code standards:
 CCRR-1028, TGFU R40793 - UL790 Class A, AC188, ASTM
 D8257, California Building Code, California Residential Code

ESTIMATED COST FOR THE HOMEOWNER



20 Square Roof

- #30 Felt: _____
- PRO-20: _____
- FT SILVER: _____
- FT GOLD: _____
- FT PLATINUM: _____
- HYDRA: _____
- SYNTACK: _____
- COBALT FRM: _____



40 Square Roof

- #30 Felt: _____
- PRO-20: _____
- FT SILVER: _____
- FT GOLD: _____
- FT PLATINUM: _____
- HYDRA: _____
- SYNTRACK: _____
- COBALT FRM: _____



FT SYNTHETICS®
We Make Roofing Safer

FT Synthetics Product Selection Guide

Application / For use under	Cobalt FRM	HYDRA	FT Platinum	FT Gold	FT Silver	Pro-20	Syntrack
Asphalt and synthetic shingles, primed cedar shakes	Outstanding	Best	Best	Better	Good	Good	Good
Concrete and clay tiles	Outstanding	Best	Better	Good	0	0	0
Cedar shakes - raw/uncoated	0	Ultimate	0	0	0	0	0
Architectural metal roofs/ Residential Roof	Best	Outstanding	Better	Good	Good	Good	Good
Copper, Zinc and Cor-Ten® Metal roofing	Best	Best	Better	Good	0	0	0
Copper, Zinc and Cor-Ten® metal roofing in desert Southwest USA or high altitude climates	Best	Better	Better	0	0	0	0
Ice dam protection	Best						
Breathable roof system application - High temperature swings / High moisture environments		Ultimate					

CENTRALIA, IL
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MT. PLEASANT, IA
800.258.5809

SPRING HILL, KS
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