



### Product Highlights


FelTex® SA300, with its high-performance, next-generation adhesive, uses the trusted technology of premium grade FelTex®, making it one of the strongest, most reliable and best-performing synthetic self-adhered roof underlayments on the market. It is unrivaled in its ease of application, requires no back nailing in the field of the roof, does not require priming at low temperatures and remains stable at extreme temperatures. It meets or exceeds code requirements and industry nail sealability tests, and offers the most walkable surface in the industry with a proprietary Fiber Claw™ woven fabric surface. FelTex SA300 is rated for commercial and residential applications and is an ideal self-adhering underlayment for projects subject to ice-damming and severe weather.

### Features

- **Versatile:** FelTex SA300 meets code requirements for initial tack at 0°F and has a high adhesive melt point at 280°F, making it the most versatile choice for a wide range of products.
- **Next-Generation:** FelTex SA300 has the widest functional temperature range of any self-adhered underlayment, creating a continuous water-shedding surface without nailing.
- **Lighter:** FelTex SA300 is up to four times lighter than competitive products, making it easier to handle during all stages of installation.
- **Stronger:** FelTex SA300 is remarkably stronger than competitive products, will not delaminate and is resistant to tearing and stretching.
- **Better Coverage:** FelTex SA300 comes in a 48" net 2 sq roll, saving labor costs and improving coverage.
- **Reliable:** Proprietary Fiber Claw™ walking surface offers dynamic steep slope traction.
- **Code and Standard Compliance:**
  - ICC-ES AC408 Acceptance Criteria for Roof Underlayment for use in Severe Climate Areas
  - CSA A220.1: Installation of Concrete Roof Tile
- **Warranty:** A limited lifetime warranty applies to FelTex SA300.
- **Roll Size:** 48" x 53.3' (1.22m X 16.25m)

## SystemComponents Corporation

### Product Specifications

Property	Test Method	Typical Property			Other Peel & Stick Underlayments
Product Width	Internal (inches)	48	Thermal Stability	Best	Average
Maximum UV Exposure <sup>2</sup>	Interval (days)	180	Min. Application Temperature	Lowest	Average
Basis Width	ASTM D 5261 (lbs/MSF)	100	Walking Surface	Excellent	Poor to Average
Thickness	ASTM D 1970 (mils, 0.001")	22	Weight per Two-Square Roll	20 lbs	50-70 lbs
Adhesion to Plywood	ASTM D 1970 (lbf/inch)	6.8	Roll Width	48"	36"-40"
Adhesive Melt Point	ASTM E 28 (degrees Fahrenheit)	280	UV-Exposure Rating	180 days	30-90 days on Average
Flexibility Temperature	ASTM D 1970 (degrees Fahrenheit)	-20	Back Nailing Required	No	Yes
Nail Sealability	ASTM D 1970	Pass	Necessary to Prime in Colder Weather	No	Yes



(1) Test is based on average results and are not limited specifications. Normal manufacturing variations may produce results 10% above or below typical data and should not be considered or interpreted as minimum or maximum values.

(2) See published installation instructions for details and limitations. Available at [systemcomponents.net/feltextSA300](http://systemcomponents.net/feltextSA300)



### Product Highlights

Ultra HT Wind & Water Seal™ is a self-adhering waterproofing underlayment composed of a white, non-slip cross-laminated polymer film, laminated to a high temperature rubberized aggressive asphalt adhesive. A split release liner protects the adhesive and is removed as the underlayment is installed. This advanced system bonds to the substrate to limit damage caused by water penetration or leaks. Ultra HT is ideal for secondary water resistance.

### Features

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples and screws
- High elongation, flexible, accommodates expansion and contraction of the substrate
- Compatible with most construction sealants & primers
- Eliminates leaks – multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry out
- Aggressively adheres – sticks to plywood, metal and most other building materials for ease of application and to eliminate movement of water under the membrane
- Non-slip surface and overlap guide lines for easy installation
- Roll Size: 36"x67'

### Product Specifications

#### Product Data

Installation Temperature Range	>50°F
Material Color	White
Roll Width	36"
Roll Length	67 ft
Carton Weight	55 lbs
Rolls per Carton	1
Area per Carton	200 ft <sup>2</sup>
Cartons per Pallet	30
Max Temp.	250°F

#### Product Number

36" X 67' - 48268

#### Product UPC Code

7 25799 48268 3

#### Technical Specifications

Property	Test Method	Result
Material Thickness	ASTM D 5147	45 Mils Nom.
Flexibility @ -20°F	ASTM D 1970	Pass
Vapor Permanence	ASTM E 96	<0.02
Nail Sealability	ASTM D 1970	Pass
Tensile MD	ASTM D 1970	32 lbs/in
Tensile CMD	ASTM D 1970	35 lbs/in
Adhesion to Plywood @ 75°F	ASTM D 903/1970	>12 lbs/ft
Adhesion to Plywood @ 40°F	ASTM D 903/1970	>2 lbs/ft

\*Some results listed may be the test method criteria and not actual test results.

#### 10-YEAR LIMITED WARRANTY

MFM Building Products Corp. (MFM) warrants materials to be free from leaks caused by defects in material or manufacturing for a period of ten (10) years from the date of purchase when applied according to published directions.

#### APPROVALS

Ultra HT is tested to ASTM D 1970, Florida Building Code FL #11842.5, Miami-Dade County Approved, ICC-ES ESR 1737, Texas Department of Insurance listed, and CCMC 14048

For the most current Installation Instructions, Warranties, Technical Specifications and Approvals, visit [www.mfmbp.com](http://www.mfmbp.com).



# WIND & WATER SEAL™

## HIGH TEMPERATURE SEAL™



### Product Highlights

Product Highlights MFM Wind & Water Seal™ is a self-adhering waterproofing underlayment composed of a non-slip polymer film laminated to a high temperature rubberized asphalt adhesive. A split release liner protects the adhesive and is removed as the underlayment is installed.

### Features

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples & screws
- High elongation, flexible, accommodates expansion and contraction of the substrate
- Compatible with most construction sealants & primers
- Eliminates leaks – multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry – protects against wind and rain
- Aggressively adheres to plywood, foam board, metal, vinyl and most other building materials for ease of application and to eliminate movement of water under the membrane
- Non-slip surface and overlap guide lines for easy installation
- Roll Size: 36"x67'

### Product Specifications

#### Product Data

Installation Temperature Range	>50°F
Material Color	White / Gray
Roll Width	36"
Roll Length	67 ft
Carton Weight	52 lbs
Rolls per Carton	1
Area per Carton	200 ft <sup>2</sup>
Cartons per Pallet	30
Max Temp.	250°F

#### Product Number

36" X 67' - 48268

#### Product UPC Code

7 25799 48268 3

#### Technical Specifications

Property	Test Method	Result
Material Thickness	ASTM D 5147	40 Mils Nom.
Flexibility @ -20°F	ASTM D 1970	Pass
Vapor Permanence	ASTM E 96	<0.01
Nail Sealability	ASTM D 1970	Pass
Adhesion to Plywood @ 75°F	ASTM D 903/1970	>12 lbs/ft
Adhesion to Plywood @ 40°F	ASTM D 903/1970	>2 lbs/ft

\*Some results listed may be the test method criteria and not actual test results.

#### 10-YEAR LIMITED WARRANTY

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# WIP 300HT

WATER & ICE PROTECTION HIGH-TEMPERATURE PROTECTION



### Product Highlights

WIP 300HT is a high-tensile-strength rubberized asphalt underlayment specifically designed to withstand temperatures up to 250°F (121°C). Ideal for use under metal including copper, zinc and A606-4 (Corten) (consult technical department for installation instructions), WIP 300HT can also be used under synthetic, concrete and clay tiles and asphalt shingles. This strong, skid-resistant membrane is available in either black or white and provides superior protection from water penetration caused by wind-driven rain and ice dams.

### Features

- Protects the roof structure from water seepage caused by ice dams and wind-driven rains
- Resists temperatures up to 250°F without degradation of the adhesive
- Seals around roofing nails, staples and screws
- Split-release film provides easier, faster installation
- Resists cracking, drying and rotting, providing long-term wa performance and low lifecycle cost
- Concealed waterproofing system will not detract from the architectural aesthetics of the primary roofing system
- Exposed rubberized asphalt bead along the membrane edge ensures watertightness of lap seams
- 180 days exposure time
- Roll Size: 36"x66'

### Product Specifications

#### Physical Properties

Surface	Black/White Engineered Polyolefin Composite Film with Factory-applied Anti-skid Coating
Membrane	Rubberized Asphalt

Product Characteristic	Units	Results
Roll Length	feet	66
Roll Weight	lbs	55
Rolls Size	sq ft	198
Roll Width	inches	36

Typical Performance Properties	Test Method	Results
Thickness	ASTM D1970	40 mils
Low Temperature Flexibility	ASTM D1970	-45° F
Adhesion to Plywood at 75° F	ASTM D1970	35 lbs/ft
Lap Seam Adhesion at 75° F	ASTM D1970	21 lbs/ft
Sealability Around Nail	ASTM D1970	Pass
Slip Resistance	ASTM D1970	Pass
Thermal Stability	ASTM D1970	Pass
Moisture Vapor Permeance	ASTM D1970	0.02 perms
Water Absorbition	ASTM D1970	0.5%
Tensile Strength Machine Direction	ASTM D412	250 psi
Tensile Strength Transverse Direction	ASTM D412	1390 psi
Elongated at Break Machine Direction	ASTM D412	250%
Elongated at Break Transverse Direction	ASTM D412	170%

#### Packaging Information

Boxes (rolls) per Pallet	25
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### Installation

WIP 300HT underlayment is applied when the roof deck is dry and the substrate temperature is 40° F (4.4° C) or higher. At temperatures below 40° F, nailing or priming should be used to temporarily hold the membrane in place while adhesion develops. WIP 300HT is designed to be covered with the primary roofing system and should not be exposed to sunlight for more than 60 days (black film only). White underlayment offers exposure time of 180 days.

Substrate must be free of any moisture. If moisture is present, it may inhibit adhesion. Prepare the roof deck by removing all loose objects, dirt, dust and debris. For re-roofing applications, remove all old materials from the roof deck in the area to be covered with WIP 300HT underlayment. Replace water-damaged sheathing and sweep roof deck thoroughly.

### Limitations

- WIP 300HT should be installed when air, roof deck and membrane temperatures are at or above 40° F (4.4° C)
- WIP 300HT should not be left exposed to sunlight for more than 60 days for black membrane or 180 days for white membrane.
- WIP 300HT membrane should not be folded over the roof edge unless protected by a gutter or other flashing materials.
- The primary roof system must be ventilated to prevent excessive moisture build-up in the interior structure.
- Use caution during the installation of the membrane as it may become slippery when wet or covered with frost.
- WIP 300HT must not be used in contact with PVC material.
- WIP 300HT is not approved for use in foam set tile application.
- WIP 300HT is not designed for wall assemblies.

### Standards

- UL Classified
- ICC-ES ESR #2206
- 2009, 2012 and 2015 International Building Code™
- Florida Building Code Approved Product #6785
- Meets ASTM D1970
- Miami-Dade County Product Control Approved
- ASTM E108/UL 790 Class A Fire Resistance
- 2016 California Green Building Standards, Title 24
- 2015, 2012 and 2008 ICC 700 National Green Building Standard



# COVERPRO® SA

## SYNTHETIC ROOFING UNDERLAYMENT

### Product Highlights

CoverPRO® SA is the next generation self-adhered roofing underlayment – the latest evolution of ice damming and wind-driven rain protection. It combines all the features and benefits you expect from a high-temperature rubberized asphalt adhesive product and adds a new, dynamic synthetic walking surface. Our revolutionary, non-woven walking surface is manufactured from 100% synthetic materials. A split release film protects the adhesive and is removed as the underlayment is installed. CoverPRO® SA is high-temperature rated and approved for commercial and residential applications, meeting or exceeding code requirements for nail sealability testing. In addition, CoverPRO® SA is approved for use under all primary roofing materials, including steel, tile, slate and asphalt shingles. CoverPRO® SA is durable and dependable, allowing you to leave it exposed for up to 90 days.



### Features

- **Versatile:** CoverPRO SA can be installed within 40°F to 240°F, giving contractors the versatility for a wide range of projects.
- **Easier:** CoverPRO SA installs quickly and easily. A split release liner and a lighter weight material (20% lighter than traditional sanded self-adhered underlayment) save time and money on the job site.
- **Safer:** Proprietary CoverPRO SA walking surface offers an industry leading steep-slope traction, improving roof deck walkability in all conditions.
- **Flexible:** CoverPRO SA is specifically designed to withstand harsh effects from cold temperatures, preventing the product from becoming stiff or brittle.
- **Tougher:** CoverPRO SA is substantially stronger than similar products offered in the market. It is resistant to delamination, stretching and tearing. It is also engineered to resist excessive degradation from normal UV exposure for up to 90 days.
- **Code Compliant:** CoverPRO SA is designed to meet both residential and commercial roofing building codes.
- **Warranty:** CoverPRO SA is backed by a 10-year limited warranty.
- **Roll Size:** 36" x 67'

SystemComponents  
Corporation

### Product Specifications

Property	Standard	Unit of Measurement	CoverPRO SA Typical Result <sup>1</sup>
Thickness	D5147	mils (0.001")	44
Tensile Strength (MD/CD)	D1970	lbs/inch	58/54
Thermal Stability	D1970	n/a	Pass
Cold Temperature Flexibility	D1970	n/a	Pass
Moisture Vapor Permeability	E96, Method A	perms	0.067
Nail Sealability	D1970	n/a	Pass
Maximum Outdoor Exposure	n/a	days	90

<sup>1</sup>Results reflect typical properties of control/non-conditional specimen. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.



### Synthetic Self-Adhered Roof Underlayment

## WATERPROOFING

# SUBSEAL-40™

## SELF-ADHERING WATERPROOFING MEMBRANE



### Product Highlights

SubSeal-40™ is a prefabricated self-adhering sheet-type waterproofing membrane. It is composed of a tough multi-layer cross-laminated film that is coated with a rubberized asphalt adhesive. A release liner protects the adhesive and is removed as the membrane is installed. SubSeal-40™ is intended as a multi-purpose waterproofing membrane for use in sub-grade applications and under siding, exterior plaster, as a through wall flashing or anywhere it will be protected from long-term ultraviolet exposure. SubSeal-40™ adheres aggressively to most clean, dry substrates including metal, wood vinyl, masonry, ICF foundations, Gold Bond® e2XP™ and rigid insulation boards. SubSeal-40™ may be used to waterproof foundations and other below grade structures, plaza decks, balconies, under siding, and exterior plaster. This advanced system bonds to the substrate and self-seals around nails, staples and other fasteners to prevent damage caused by water penetration.

### Features

SubSeals-40™ offers the contractors and property owner these extra features:

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples and screws
- High strength, high elongation, flexible - accommodates expansion and contraction of the substrates
- Protects ICF foundations and insulation boards from damage during backfill
- Outer film surface is compatible with most construction sealants
- Eliminate leaks - multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry
- Aggressively adheres - SubSeal-40™ sticks in cool weather to common building materials for ease of application and to eliminate movement of water under the membrane
- Roll Size: 36" x 75"

## Product Specifications

### Production Data

Installation Temperature Range	>50° F
Material Color	Black
Roll Widths	36"
Roll Length	75 ft
Carton Weight	62 lbs
Rolls per Carton	1
Area per Carton	225 ft <sup>2</sup>
Cartons per Pallet	25

### Technical Specifications

Property	Test Method	Result
Material Thickness	ASTM D 1970	40 Mils Nom.
Pliability	ICC-ES AC 38	Pass
Vapor Permanence	ASTME 96	0.02 g/m <sup>2</sup> in 24h Max
Water Resistance	ASTM D 779	>30 hr
Nail Sealability	ASTM D 1970	Pass
Tensile MD	ASTM D 882	21 lbs/in
Tensile CMD	ASTM D 882	28 lbs/ft

### APPROVALS

Sub-Seal-40™ is tested to ASTM D 1970, and complies with ICC-ES ESR-2783 (AC 148), ICC-ES ESR-3980 (AC38), and AAMA 711-13.



### 10-YEAR LIMITED WARRANTY

MFM Building Products Corp. (MFM) warrants materials to be free from leaks caused by defects in material or manufacturing for a period of ten (10) years from the date of purchase when applied according to published directions.



### Product Highlights

FelTex, is our premium synthetic roof underlayment and is among the safest, strongest, and best-performing on the market. It balances strength and weight, provides dynamic steep-slope traction, and will not buckle, warp or crack. FelTex is rated for commercial and residential applications using roofing nails (3/8-inch head), and is an ideal underlayment for asphalt, shingles, metal, tile, slate, and a variety of sloped roofing materials. Two skid-resistant surfaces include the proprietary Fiber Claw® top and a deck grabbing rubberized bottom. These surfaces along with unmatched strength and durability make FelTex an ideal steep slope underlayment choice. Whether you're working on a FelTex-protected roof or living underneath one, you'll appreciate FelTex's quality.

### Features

- Safest: Skid-resistant polymer coating underneath and proprietary Fiber Claw™ walking surface offers dynamic steep slope traction.
- Hail Rated: FelTex has a Class 4 hail rating (UL 2218) and may help reduce insurance costs.
- Strongest: FelTex is designed for high traffic and high winds with the most strength and durability available.
- Lighter: FelTex is lighter than #15 or #30 felt and easier to handle during all stages of installation.
- Simpler to Apply: FelTex installs quickly and easily. It is lighter, stronger, and covers more area than traditional underlayments.
- More Coverage: FelTex offers five times more coverage per roll than Type 30 felt.
- Gray Color: Provides a comfortable working surface in all temperatures
- Won't Buckle, Warp or Crack: Superior lay-flat properties and water resistance keeps FelTex from warping, wrinkling, and cracking in cold weather.
- UV Exposure Rating: FelTex is treated to resist excessive degradation from normal UV exposure for up to six months. See installation guidelines for details.
- Asphalt Free: FelTex is 100% inorganic and will not rot or mold.
- Sustainable: FelTex is environmentally responsible and may contribute to your LEED and NGBP ratings.
- Warranty: Limited Lifetime Warranty.
- Roll Size: 48"x 250'

SystemComponents  
Corporation

### Product Specifications

Property	Test Method	Typical Property
Tensile Strength (MD/CD)	ASTM D 882	MD 126/CD 92
Tear Resistance	ASTM D 4533	MD 41/CD 37
Rupture Resistance	ASTM D 3462-02 (LBF)	87
Beach Puncture	ICC AC-08	Pass
Long Term Sag	ICC AC-08	Pass
Liquid Water Transmission	ASTM D 4869-02	Pass
Ultra Violet Aging	ICC-ES AC 188	Pass
Accelerated Aging	ICC-ES AC 188	Pass

\*Results reflect typical properties of control/non-conditional specimen. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.



# COVERPRO<sup>®</sup>3000

## SYNTHETIC ROOFING UNDERLAYMENT



### Product Highlights

A much better choice than #30 felt... CoverPRO<sup>®</sup>3000 is the roofing professional's preference when the project demands the performance benefits often found in premium synthetic underlayment at the cost of 30 lb. roofing felt. Manufactured from 100% synthetic materials, CoverPRO 3000 offers the same dynamic walking surface, simple installation and easy to handle lightweight roll as CoverPRO and the addition of a specially formulated low slip bottom side coating. This layer adds strength and grabs the deck to reduce stress around fasteners and add a measure of safety. CoverPRO 3000's four layer construction is the professional's choice for use on steeper slopes under all types of roofing material; including: asphalt shingles, synthetic shingles, cedar shakes, and metal. Safer and stronger than 30 lb. felt with more installation and installed performance benefits than other professional grade products, a 30-year Limited Warranty.

### Features

- 20x stronger and 5x more coverage per roll than 30 lb. roofing felt.
- 11% more coverage per course than traditional 30 lb. felt.
- 30 Year Limited Warranty (see website for warranty details).
- Non-woven walking surface feels like traditional felt underfoot.
- Sure footing with a deck grabbing low slip bottom side coating.
- Less weight per roll means easier handling during installation.
- Sustainability – may contribute to LEED and NGBP ratings.
- Superior lay-flat properties; will not wrinkle or absorb water.
- Cool Gray color is engineered to reduce heat build-up
- Remains flexible and easy to install in cold climates
- 100% synthetic construction – will not rot or mold
- 90 Day UV exposure rating
- Class A fire rating
- Roll Size: 40"x 300'

SystemComponents  
Corporation

### Product Specifications

Property & Standard	CoverPRO 3000 Typical Result	ASTM #30 Felt Typical Result
Permeability ASTM E96	0.1 perm	1.75 perms
Water Transmission ASTM D4869	Pass	Pass
Tear Strength ASTM D4533	MD 38 lbs/CD 37 lbs	MD 4 lbs/CD 2 lbs
Tensile Strength ASTM D751	MD 120 lbs/CD 115 lbs	MD 70 lbs/CD 38 lbs
Burst Strength ASTM D751	160 psi	62 psi
Elongation ASTM D751	20%	2%
Weight per Square ASTM D5261	2.46 lbs	27.5 lbs
Nominal Thickness ASTM D1777	7.5 mils	60 mils
Temperature Range - Internal	-70°F to 240°F	No Value Offered

Results reflect typical properties of control/non-conditional specimen. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.





# COVERPRO® 3000

## SYNTHETIC ROOFING UNDERLAYMENT

### Product Highlights

CoverPRO® 2000 Combines the value-added performance of synthetic underlayment with the cost of 15 and 30 lb roofing felt. CoverPRO 2000 provides the features you demand for fast and simple installation and robust performance under all types of roofing. Manufactured from 100% synthetic materials, CoverPRO® 2000 is the engineered solution that finally offers the performance you need, at a price competitive with 15 and 30 lb felt. Faster installation, better-installed performance, a 20-year limited warranty.



### Features

- 25x stronger than #15 roofing felt
- 12x stronger than #30 roofing felt
- More coverage per roll than traditional #15 & #30 felt
- 11% more coverage per course than traditional #15 & #30 felt
- 20 Year Limited Warranty (see website for warranty details)
- Non-woven walking surface feels like traditional felt underfoot
- Less weight per roll means easier to handle during installation
- Cool Gray surface will reduce heat build-up on hot days
- Superior lay-flat properties; will not wrinkle or absorb water
- Sustainability – may contribute to LEED and NGBP ratings
- Remains flexible and easy to install in cold climates
- 100% synthetic construction – will not rot or mold
- 90 Day UV exposure rating
- Class A fire rating
- Roll Size: 40"x300'

SystemComponents  
Corporation

### Product Specifications

Property & Standard	CoverPRO 2000 Typical Result	ASTM #15 Felt Typical Result	ASTM #30 Felt Typical Result
Permeability	0.1 perm	5 perms	1.75 perms
Water Transmission	Pass	Pass	Pass
Tear Strength	MD 33 lbs/CD 24 lbs	2.2 lbs/4 lbs	4 lbs/2 lbs
Tensile Strength	MD 95 lbs/CD 85 lbs	54 lbs/29 lbs	70 lbs/38 lbs
Burst Strength	160 psi	35 psi	62 psi
Elongation	20%	3%	2%
Weight per Square	1.96 lbs	11.2 lbs	27.5 lbs
Nominal Thickness	6.2 mils	21 mils	60 mils
Temperature Range - Internal	-70°F to 240°F	No Value Offered	No Value Offered

Results reflect typical properties of control/non-conditional specimen. Values should not be interpreted as limiting specifications and will vary within typical manufacturing tolerances.





**WARRIOR® ROOFING  
MANUFACTURING**

### Product Highlights

ELEPHANT SKIN® is a high-quality economical synthetic underlayment that meets or exceeds the applicable standards of ASTM D226, ATSM D1922, ASTM D4869, ASTM E108 and ICC-ES AC207 with a 20-year warranty.

### Features

- Lightweight: 24lbs per 1,000' roll
- Strong: Over 20 times stronger than traditional felt
- Cool: 25% cooler than black underlayment
- Cost Effective: Our 1,000' roll can save in labor and time expense
- Versatility: Flexible down to -40° F and heat resistant to 240° F makes ELEPHANT SKIN® the perfect underlayment choice for high-quality asphalt, tile and metal roofs
- Durability: ELEPHANT SKIN® synthetic underlayment is extreme durable to the harshest weather conditions and, with proper installation, will not buckle or tear off when wet and can protect your project for up to 90 days before final roofing is installed
- Reliable: ELEPHANT SKIN® has a textured walking surface for improved roofing
- Exposure: 90 Days
- Warranty: 20 Year Limited
- Roll Size: 42" x 286'

### Product Specifications

Test	Standard	Elephant Skin	Test	Standard	Elephant Skin
Tear Strength	ASTM D4533, D1922-00a	MD - PASS CD - PASS	Thickness	ASTM D4869	7 mils (0.127 mm)
Tensile Strength	ASTM D4869, D226, D146, CSA A123.3-05	MD 63 lbs (28.6 kg) CD 64 lbs (29.03 kg)	Weight Per Square	ASTM D4869	2.4 lbs (1.1 kg)
Dimensional Stability	ASTM D4869		Temperature Range		-40° F to 240° F
Fastener Pull-through Resistance (lbf)	ASTM D3462		Accelerated Aging	ICC-ES-AC207	PASS
12ga Roofing Nail - 3/8"	Control	46 - PASS	Fire Rating Class A	ASTM E108	PASS
	Accelerated Age	37 - PASS			
	UV Exposed	40 - PASS			
16ga Staple - 7/16" Crown	Control	22 - PASS			
	Accelerated Age	21 - PASS			
	UV Exposed	24 - PASS			
Unroll - Ability	ASTM D226	At 0° C (32° F) At 60° C (140° F)			No Cracking or Sticking - PASS
Pliability	ASTM D226, D146	12.7 mm (1/2 in) mandrel 19.1 mm (3/4 in) mandrel			No Cracking or Delamination
Loss on Heating, %	ASTM D226, D146				0 - PASS
Liquid Water Transmission	ASTM D4869	No sign of any liquid water under or on top of plywood support			PASS

MD = Machine Direction  
CD = Cross Direction