

SYNTHETIC UNDERLAYMENT FOR SLOPED ROOFS

TopShield® Synthetic Underlayment by Mountain Barrier Bigfoot is a highly engineered coated woven underlayment designed with contractors' needs in mind. Our products are manufactured specifically to replaced 15# and 30# mechanically attached underlayments and meet ASTM D8257 and D226 standards.

- **STRONGER**
35 times stronger and 8X lighter than 30# felt. Tear resistant – stands tough and durable in harsh weather.
- **SKID-RESISTANT**
Top surface has added anti-slip coating – helps protect against costly slips and falls.
- **GRIPWALK**
Unique gray surface offers superior foot traction, more friction and slip resistance than standard roofing felt.
- **COOL GRAY**
Unique gray high-traction top layer reduces heat and provides a cooler working surface.
- **EASY HANDLING**
Lighter weight rolls for easy handling during all stages of installation.
- **SIMPLE TO APPLY**
Installs quickly and easily. 17% more coverage per course than a standard roll of felt.
- **RELIABLE**
Unlike felt, Top Shield is highly water-repellent, eliminating warping, wrinkling and cracking in cold weather.
- **100% RECYCLABLE**
100% inorganic eliminating rot and mold. It is considered a Green Building Product.

INSTALLATION GUIDELINES

USE: Under composition asphalt, slate, and metal roofs

DIMENSIONS: 48"x250'

COVERAGE: 10 sq ft per roll (approx) depending on overlap and roof design

PREPARATION: The deck surface must be dry and free of dust, dirt, loose nails, debris, and other protrusions. Damaged sheathing must be replaced.

INSTALLATION: TopShield® underlayment must be installed on a well-ventilated roof with a pitch of 4/12 or greater. TopShield® underlayment is laid horizontally parallel to the eave of the roof with the printed side up. Overlaps run with the natural flow of water in a shingling manner, a minimum 3-inch horizontal laps and a minimum 6-inch vertical laps. Use a straight blade utility knife or scissors to cut.

FASTENERS: Fasteners should be corrosion resistant plastic cap nails or metal cap nails with minimum 1-inch diameter caps. Miami-Dade approved ring shank nails with minimum 1-5/8 inch diameter metal caps are acceptable. Use of staples or any fastener, without minimum 1-inch diameter caps will void the warranty. Install fasteners at 90-degree angle to the deck with flush contact between the plastic or metal cap and the upper surface of the underlayment. Fasteners should be long enough to penetrate through the back side of plywood or OSB decks, or minimum 3/4-inch embedment into dimensional lumber / tongue-and-groove wood decks.

BE CAREFUL TO OBSERVE SAFE ROOFING CODES & PRACTICES (OSHA). USE CAUTION WHEN WALKING OR STANDING ON TOP SHIELD UNDERLAYMENT. COEFFICIENT OF FRICTION MAY CHANGE WITH WET, DUSTY, OR ICY CONDITIONS. FAILURE TO USE PROPER SAFETY GEAR AND FOOTWEAR CAN RESULT IN SERIOUS INJURY.

CONTACT INFO

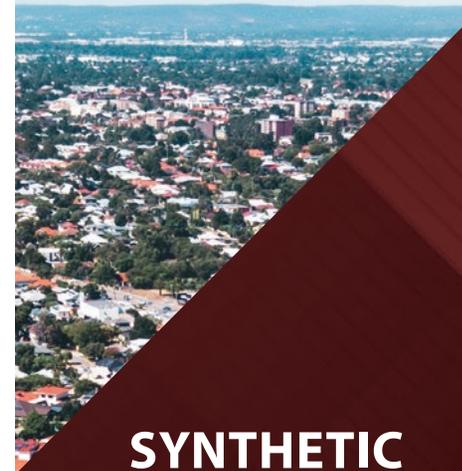
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TopShieldProducts.com

TopShield®

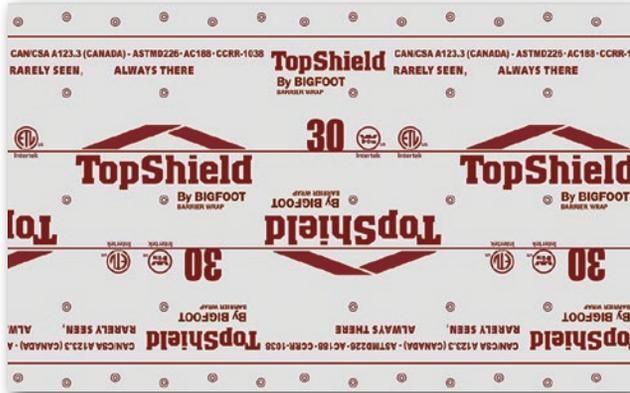


SYNTHETIC UNDERLAYMENT FOR SLOPED ROOFS

Created with Ease of Installation In Mind

- STRONG AND RELIABLE
- SKID-RESISTANT GRIPWALK SURFACE
- COOL GRAY TOP LAYER
- EASY HANDLING
- SIMPLE TO APPLY
- 100% RECYCLABLE

30 DAY EXPOSURE

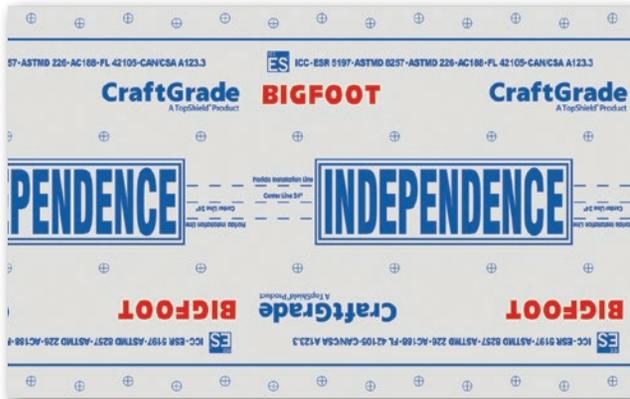


10 SQ PER ROLL
20 YR LIMITED WARRANTY

SPECIFICATIONS	TopShield 30	30# FELT
Roll Length	250'	72'
Roll Width	48"	36"
Weight	22 lbs / roll	60 lbs / roll
Roll Size	10 sq	2.2 sq
Rolls per Pallet	64 rolls	30 rolls
Weight per Pallet	1,344 lbs	1,440 lbs
UV Exposure Guarantee	30 Days	
Warranty	20 YR LIMITED	NONE

TESTING	RESULT	STANDARD
Unrolling	Pass	ASTM D8257
Pliability	Pass	ASTM D8257
Moisture Vapour Permeance	Pass	ASTM E96 (B)
Liquid Water Transmission	Pass	ASTM D4869
Linear Dimensional Change	Pass	ASTM D1204
Hydrostatic Resistance	Pass	ASTM D751(B)
Tensile Strength MD/CD	Pass	ASTM D5035
Tear Strength MD/CD	Pass	ASTM 4533
Fastener Pull-through resistance	Pass	ASTM D228
Thermal Cycling	Pass	ASTM D8257
Laboratory Accelerated Weathering	Pass	ASTM D4798
Fire Resistance	Pass	ASTM E108

60 DAY EXPOSURE



10 SQ PER ROLL
20 YR LIMITED WARRANTY

SPECIFICATIONS	INDEPENDENCE
Roll Length	250'
Roll Width	48"
Roll Coverage	10 sq
Roll Weight	18 lbs / roll
Rolls per Pallet	72 rolls
Weight per Pallet	1,368 lbs
UV Exposure Guarantee	60 DAYS
Warranty	20 YR LIMITED

TESTING	RESULT	STANDARD
Unrolling	Pass	ASTM D8257
Pliability	Pass	ASTM D8257
Moisture Vapour Permeance	Pass	ASTM E96 (B)
Liquid Water Transmission	Pass	ASTM D4869
Linear Dimensional Change	Pass	ASTM D1204
Hydrostatic Resistance	Pass	ASTM D751(B)
Tensile Strength MD/CD	Pass	ASTM D5035
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