

TRIBUILT® Roof Shield HP

High Performance Synthetic Roofing Underlayment

- **Ultimate Anti-Slip Foot Traction**

Uses “squeeze & twist” technology with additional yarn per square inch creating a unique tiger-skin textured walking surface that provides the ultimate traction in any weather condition.

- **Outstanding Tear Resistance**

Base fabric is comprised of strong woven polypropylene scrim for outstanding tensile strength and tear resistance.

- **Resistance to Movement**

Skid-resistant bottom layer is coated with a proprietary formula which resists movement the roof deck preventing fastener point tears.

- **Improved Leak Protection**

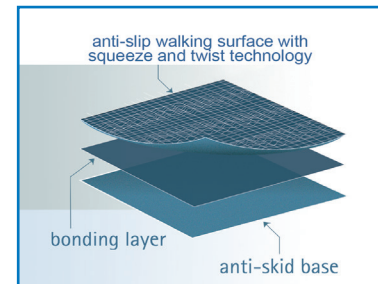
Proprietary woven technique and double-layer coating provides added leak protection and improved sealing around all types of fasteners.

- **Exceeds Newest Code Requirements**

Meets and exceeds newest Acceptance Criteria (AC207) and Class-A Fire Classification.

- **Resistance to Mold and Sun Damage**

100% recyclable polypropylene water barrier impervious to mold growth is combined with a special formulated co-polymer providing 6 month UV.



TRIBUILT® ROOF SHIELD HP ADVANTAGES

- **Cost Effective and Competitive**

Instead of 5 or more layers of construction like other competitors, TRI-BUILT® Roof Shield HP out performs with only 3 layers resulting in cost savings from overall weight reduction.

- **All Weather/All Temperature Performance**

No matter the outside temperature or weather condition, TRI-BUILT® Roof Shield HP out performs its competition when it comes to walking surface safety, water barrier protection and tear resistance.

- **Long-Term Life Cycle Cost Savings**

TRI-BUILT® Roof Shield HP out performs traditional tar-paper asphalt felt underlayments resulting in less roof repairs and longer roof life – a long-term net value for homeowners.

- **Efficient Installation**

TRI-BUILT® Roof Shield HP is lighter and stronger than competitive brands which translates to increased savings on labor costs.

High Performance & Protection

Specification:

ROLL LENGTH:	250 feet / 76.2 m
ROLL WIDTH:	4 feet (48 Inch) / 1.219 m
ROLL WEIGHT:	31 lbs / 14 kg
ROLL SIZE:	≈ 10 sq / 1000 sqft / 92.9 m ²
ROLLS/PALLET:	36 Rolls
PALLET WEIGHT:	1180 lbs / 535 kg
PALLETS/40HQ CTN	36 Pallets
LIMITED WARRANTY	30 Years

Building Codes/Certification:

Meets and Exceeds ICC AC207 Acceptance Criteria approval
 Warnock Hersey / Intertek Listing Report: IRR-1001
 Miami Dade County NOA# Pending / FBC# Pending
 CAN/CSA – Pending; ASTM D226
 Class-A fire rating: ASTM E108



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Technical Data:

TEST & STANDARD	ASTM	TYPICAL VALUE	ACCEPTANCE CRITERIA
Vapour Transmission	E96 (AC207)	Pass; 1.68 perms	≤ 5 perms
Pliability	(AC207)	Pass; No cracking or delamination	Pass
Water Transmission	D4869-05 (AC207)	Pass; No wetness or deterioration on both sides	Pass
Fastener Pull-through Resistance (lbf)	D3462-09 (AC207)	No.12 ga Roofing Nail: 68 No.16 ga Crown Staple: 45	Nail ≥ 25 Staple ≥ 17
Tear Strength (g)	D1922-00a (AC207)	MD & CD ≥ 14.11 lbs (6.4 kg) Result exceeds testing equipment limit	MD & CD ≥ 5.64 lbs (2.56 kg)
Accelerated Aging	(AC207)	No peeling, chipping, cracking, flaking or pitting	Pass
UV Exposure	(AC207)	No peeling, chipping, cracking, flaking or pitting	Pass
Tensile Strength	D2523	MD 92 lbs (41.73 kg) CD 64 lbs (29.03 kg)	
Elongation	D2523	MD 21% CD 18%	
Weight per Square	D5261	.31 lbs (.14 kg)	
Nominal Thickness	D1777	25 mils (.25 mm)	
Working Temperature Range		-70 °F to 392 °F (-55 °C to 200 °C)	

Test data is based on an average taken over several production-runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limit to specification. All values ± 10%.