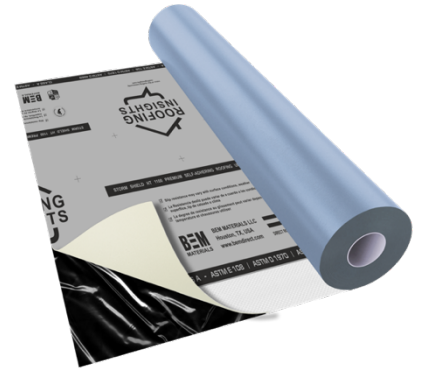




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STORM SHIELD 1100 HT-PMB Premium Peel & Stick Roofing Underlayment

STORM SHIELD 1100 HT-PMB is a high-temperature, self-adhered synthetic roofing underlayment designed for use under metal, tile, slate, shakes, and asphalt shingle roofs. This underlayment offers robust protection against UV rays and adverse weather conditions, effectively preventing water damage and ensuring the longevity of the roofing structure. The product is engineered for superior durability and performance in all climates and roofing styles.



Advantages:

- **All-Weather Performance:** Reliable in any climate, suitable for all roofing styles. Underlayment ensures robust adhesion, even in colder conditions down to 40°F, without the need for priming. It also boasts impressive heat resistance up to 260°F (126°C).
- **Polymer Modified Bitumen:** Superior adhesion for secure application.
- **Strong Tear & Stretch Resistance:** Enhances durability and longevity.
- **Slip-Resistant :** Grid-textured synthetic surface provides anti-slip properties, ensuring a safe installation process in dry weather;
- **Chemical Stability & Mold Resistance:** Prolongs the product's lifespan and ensures safety.
- **Temporary Roofing Solution:** Ideal for use as temporary protective roofing, especially during hurricanes.
- **Weather-Tight Seal:** Strong overlap system creates a tight seal, enhancing moisture protection.
- **Durability:** Heavy-duty synthetic surface resists tearing during installation; UV-stabilized for up to 6 months of exposure without degradation.
- **Easy Handling:** Equipped with an easy-peel dual split-release backer for straightforward installation.

Certifications:

- Intertek Code Compliance Research Report (CCRR 0332)
- Florida Building Code Approved (FL#30880)
- Miami Dade Approved (NOA#20-1221.04)

Specifications:

Thickness	45 mils
Roll Size	36" x 72 ft. 2 sq. roll
Package	25 rolls per pallet, each roll individually packaged in boxes
Printing	Up to 4 color high-quality printing
Color	Available in custom colors upon request



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Performance Standards:

Specification	ASTM Standard	Typical Values
Unroll ability	D1970	No cracking, tearing, or damage
Thickness	D5147	45 mil
Tensile Strength (MD / CD)	D1970	130 lbs/inch / 110 lbs/inch
Tear Resistance (MD / CD)	D1970	165 lbs/ft / 150 lbs/ft
Permeability	E96	0.03
Thermal Stability at 200°F	D1970	Pass
Fire Rating	E108	Class A
Low Temperature Flexibility	D1970	Pass
Adhesion to Plywood @ 75°F / 40°F	D1970	12 lbs/ft ² / 2 lbs/ft ²
Nail Sealability	D1970	Pass
Temperature Range	-	-40°F to 260°F

Disclaimer: All values are nominal, and tolerances are $\pm 10\%$.

Installation Guidelines:

- Ensure the roof deck is clean, dry, and free from debris.
- Apply the underlayment horizontally starting from the eaves and working upwards.
- Overlap seams by a minimum of 4 inches.
- Use roofing nails or staples to secure the underlayment, following local building codes.

Warranty:

STORM SHIELD 1100 HT-PMB comes with a limited warranty covering material defects and workmanship. Refer to the warranty document for specific terms and conditions.