



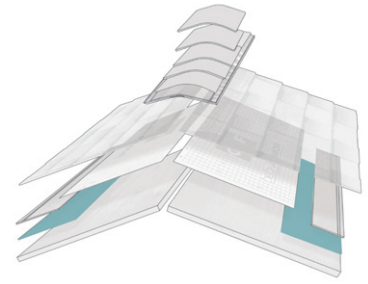
# StormGuard<sup>®</sup> Film-Surfaced Leak Barrier

Help protect your home and roof system from wind-driven rain and damaging ice dams



- Help prevent leaks at potentially vulnerable areas of your asphalt shingle or metal roofing system
- Reduce the risk of costly repairs due to wall or ceiling staining from leaks
- Meet local building codes that require the use of leak barriers<sup>1</sup>

# StormGuard® Film-Surfaced Leak Barrier



## Benefits:

- **Strong protection** at the eaves and rakes, in valleys, and around chimneys and skylights
- **Self-seals** around fasteners to help avoid leaks
- **High-temperature compound** for use with asphalt shingles and most metal roofing systems<sup>2</sup>
- **Blue synthetic patterned surface** provides excellent wet/dry traction and is cooler to work on (vs. typical black underlayments)
- **Integral surface channels** help guide moisture away from the walking surface
- **Fiberglass-reinforced construction**
- **Eligible for up to a Lifetime<sup>†</sup> Limited Warranty** when used on Lifetime<sup>†</sup> Shingle roofs, an eligible accessory product in the Leak Barrier category of GAF residential enhanced warranties, and covered by up to a 10-year limited warranty<sup>3</sup> when used with other approved non-asphaltic roof coverings

## Helps address building codes in northern regions requiring the use of self-adhering leak barriers:<sup>1</sup>

- For building codes in regions where ice dams can form at the eaves, particularly where the January average temperature is 25°F (-4°C) or lower (see map areas labeled "North")
- For any region where ice dams can occur, even where the average temperature is above 25°F (-4°C)
- For critical protection in warmer southern areas against wind-driven rain

## Meets or exceeds the following requirements of ASTM D1970:

| Property   | Method | Requirement |
|--|--------|-------------|
| Thickness (mils)   | D5147  | Min. 40     |
| Tensile strength MD (lbf/in.)                                  | D2523  | Min. 25     |
| Tensile strength CMD (lbf/in.)                                 | D2523  | Min. 25     |
| Elongation at break, modified bitumen portion — MD and CMD (%) | D2523  | Min. 10     |
| Adhesion to plywood at 75°F (24°C) (lbf/ft.-width)             | D903   | Min. 12     |
| Adhesion to plywood at 40°F (4°C) (lbf/ft.-width)              | D903   | Min. 2      |
| Thermal stability (mm)   | D1204  | Max. 3      |
| Low-temperature flexibility -20°F (-29°C)                      | D1970  | Pass        |
| Tear resistance MD (lbf)                                       | D4073  | Min. 20     |
| Tear resistance CMD (lbf)                                      | D4073  | Min. 20     |
| Moisture vapor permeance (U.S. perms)                          | E96 A  | Max. 0.1    |
| Sealability around nail  | D1970  | Pass        |
| Waterproof integrity after low-temperature flexibility         | D1970  | Pass        |
| Waterproof integrity of lap seam                               | D1970  | Pass        |



To learn more about the Lifetime<sup>†</sup> Roofing System visit [gaf.com/Lifetime](http://gaf.com/Lifetime)



## Product Details:

### Nominal Specifications:

For asphalt shingles and most metal roofing systems<sup>2</sup>

- **Roll size:** 2 squares (200 ft.<sup>2</sup> [18.58 sq. m]), excludes laps
- **Roll width:** 36" (0.914 m)
- **Roll length:** 66.7' (20.33 m)
- **High-temp rating:** 250° F (121.1° C)<sup>2</sup>
- **UV exposure:** Up to 90 days, if necessary
- **Shelf life:** Best if used within 1 year from date of manufacture

### Code Approvals:

- Meets or exceeds the performance criteria of ASTM D1970
- State of Florida Approved
- Miami-Dade County Product Control Approved
- Component of a UL Listed ANSI/UL 790 Class A system when used with UL Class A shingles<sup>4</sup>
- ICC-ES Evaluation Report (ESR-1322)
- Listed with Texas Department of Insurance as an acceptable alternate roof underlayment
- Meets or exceeds CSA A123.22

<sup>1</sup> Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires the use of GAF Lifetime Shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime Shingle and at least 3 qualifying GAF Accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products.

<sup>2</sup> Source: International Building Code (IBC) and International Residential Code (IRC). Always check local building codes for requirements in your area.

<sup>3</sup> The high-temperature compound is suitable for most metal roofing system applications. For use under copper and zinc or for information on other approved non-asphaltic roofing systems, contact GAF Technical Support at 1-800-766-3411.

<sup>4</sup> See *StormGuard® Film-Surfaced Leak Barrier Limited Warranty for Non-Asphaltic Roofing Systems* for complete coverage and restrictions.

<sup>5</sup> Refer to UL Online Certification Directory for actual assemblies.



We protect what matters most™

