

# StormGuard® Film Surfaced Leak Barrier

Sell Sheet

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*Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer™*

# STORMGUARD®

## Film Surfaced Leak Barrier

**Backed by GAF-Elk Corporation, North America's largest roofing manufacturer!**

### StormGuard® Leak Barrier Application Instructions

StormGuard® Leak Barrier may be applied directly to plywood, OSB (oriented strand board), wood planks (nonchamfered edges), concrete or masonry or Loadmaster surfaces. StormGuard® Leak Barrier should be covered with roofing as soon as possible and within 60 days after its installation. Backnail every 18" (457mm) in the selvage edge.

**Note:** Film surface appearance may change during this period but will not affect the performance of the product.

### Deck Preparation

**New construction:** Sweep dirt and debris from the roof deck.

**Reroofing:** After removing shingles or existing metal roof, roofing felts, nails, and fasteners from area to be covered with StormGuard® Leak Barrier, replace water-damaged sheathing and sweep roof deck thoroughly. Priming is not required for attachment to wood surfaces. Concrete and masonry surfaces must be primed with ASTM D-41 primer prior to the application of the leak barrier.

### Weather Conditions

In keeping with good roofing practice, apply StormGuard® Leak Barrier when the deck is DRY and air temperature is between 45° and 120°F (7.2° C and 48.89°C).

### Valleys, Hips and Ridges

1. Cut the StormGuard® Leak Barrier into 6'-10' (1.83m-3.05m) lengths.
2. Starting at the bottom of the valley, center the leak barrier in the valley extending flush to the drip edge.
3. Fold membrane in half and remove one half-width of the release film.
4. Fold the membrane into place, taking particular care to bond to any existing ice dam membrane. Press membrane from the middle first before working towards the edge to eliminate bubbles.
5. Fold back the other half of the StormGuard® Leak Barrier on the other side of the valley and remove release film. Repeat step 4.

6. Continue up the valley, overlapping previous leak barrier sheets a minimum of 6" (152mm). Be sure that the membrane extends past the valley peak.

### Eaves and Rakes

1. Install a drip edge if required. At the rake, install StormGuard® prior to installing drip edge.
2. Pre-cut the leak barrier roll into 10' to 20' (3.05m-6.1m) lengths.
3. Align the StormGuard® Leak Barrier flush to the drip edge. The selvage edge should be on the upper side of the roof. At the rakes, the selvage edge should be at the interior of the deck.
4. Remove the top piece of release film and allow the membrane to roll down towards the edge of the roof. Position without blisters or wrinkles.
5. After positioning the top half of the sheet, bond this portion to the substrate.
6. Pull the leak barrier back up and remove the remaining half of the release film and bond well as before.
7. Continuing across the roof, install the next and subsequent StormGuard® Leak Barrier sheets in the same manner. Adjacent sheets must be installed with a 6" (152mm) endlap. After installing the membrane, firmly roll the endlap with a hand roller to insure a sound seam.
8. Install up the roof to a point at least 24" (600mm) past the interior warm inside wall.
9. If an additional course of leak barrier is required, it must overlap the first course of StormGuard® Leak Barrier at least 3" (762mm). This lap area must be firmly hand rolled to insure a watertight bond. When applying leak barrier in shorter lengths, remove the release film from the roll and then pull the sheet taut before aligning it to the eave.
10. Continue, overlapping previous StormGuard® Leak Barrier sheets a minimum of 6" (152mm).

**Note:** For instruction on full deck coverage see [www.gaf.com](http://www.gaf.com).

**Important Information:** This product may be suitable for use as a secondary water barrier for hurricane mitigation requirements. Contact Technical Services at 1-800-766-3411 for further information on this or any other specific code requirements.



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## **Safety Warning**

Many roofing activities are hazardous. Take care to comply with all appropriate safety requirements. Do not walk on the membrane before it bonds to the substrate.

**Storage:** StormGuard® Leak Barrier rolls must be stored on end under cover and in an area cooler than 100°F (37.78°C). Do NOT double tier pallet rolls.

**Precautionary Note:** The application instructions for this product or the shingles used with this product may require the use of adhesives or cements that contain solvents. Apply these adhesive/cements only as instructed. Application of excess solvent-based adhesives or cements may affect the performance of this product, resulting in the asphalt flowing, dripping and staining.

## **Other Considerations**

### **Release Film Removal**

To improve release in warm weather, before removing the release film turn the membrane over so that the white release film side faces upward and the black side is face down to the deck. In cold weather the black side of the product should face upward.



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