

STORMGUARD® APPLICATION INSTRUCTIONS

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FILM-SURFACED LEAK BARRIER

StormGuard® Film-Surfaced Leak Barrier may be applied directly to plywood, OSB (oriented strand board), wood planks (non-chamfered edges), concrete, or masonry or Loadmaster surfaces. StormGuard® Film-Surfaced Leak Barrier should be covered with the primary roof covering roofing as soon as possible after installation. Back nail every 18" (457 mm) in the selvage edge.

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

Warning: Not all building materials are designed to be in contact with each other. Softening, flowing, and dripping of the asphalt compound may result from incompatible leak barriers, which can cause staining to the fascia, gutters, and building exterior. **GAF is not responsible for any damage caused by incompatibility with any leak barrier not manufactured by GAF.** See gaf.com for more information on compatibility.

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® Film-Surfaced Leak Barrier, replace water-damaged sheathing and sweep roof deck thoroughly. Priming is not required for attachment to wood surfaces. Prime concrete and masonry surfaces with Matrix™ 307 or other ASTM D41 primer prior to the application of the Leak Barrier.

Warning: GAF Leak Barriers can be used over kiln-dried wood substrates. Caution should be taken when applying leak barriers directly to wood plank roof decks due to high concentrations of resin or "pitch" that can naturally bleed out of wood boards, particularly new soft woods (e.g., pine, spruce, larch, or Douglas fir). As a result, direct contact of the leak barrier and wood planks may cause deterioration of the leak barrier. Softening, flowing, and dripping of the asphalt compound may occur, which can cause staining to the fascia, gutters, and building exterior. **GAF is not responsible for any damage caused by incompatibility of materials.**

Weather Conditions

Apply StormGuard® Film-Surfaced Leak Barrier when the deck is DRY and air temperature is between 45°F and 120°F (7°C and 49°C).

Valleys, Hips & Ridges

1. Cut the StormGuard® Film-Surfaced Leak Barrier into 10' – 20' (3.05 m – 6.10 m) lengths.

2. Starting at the bottom of the valley, center the Leak Barrier in the valley extending flush to the drip edge.
3. Fold the Leak Barrier in half and remove one half-width of the release film.
4. Fold the Leak Barrier into place, taking particular care to bond to any existing substrate. Use care to keep the sheet straight to avoid wrinkling. Press Leak Barrier from the middle first before working towards the edge to eliminate bubbles.
5. Fold back the other half of the StormGuard® Film-Surfaced 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" (152 mm). Be sure that the Leak Barrier extends past the valley peak.

Eaves & Rakes

1. Install a drip edge if required. At the eave, install drip edge prior to installing StormGuard® Film-Surfaced Leak Barrier. At the rake, install StormGuard® Film-Surfaced Leak Barrier prior to installing drip edge.
2. Pre-cut the Leak Barrier roll into 10' – 20' (3.05 m – 6.10 m) lengths. Use care to keep the sheet straight to avoid wrinkling.
3. Align the StormGuard® Film-Surfaced 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 Leak Barrier 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 any subsequent StormGuard® Film-Surfaced Leak Barrier sheets in the same manner. Adjacent sheets must be installed with a 6" (152 mm) end lap. After installing the Leak Barrier, firmly roll the end lap with a hand roller to ensure a sound seam.
8. Install up the roof to a point at least 24" (610 mm) past the interior warm inside wall.

(continued)



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9. If an additional course of Leak Barrier is required, it must overlap the first course of StormGuard[®] Film-Surfaced Leak Barrier by at least 3" (76 mm). This lap area must be firmly hand-rolled to ensure a watertight bond. When applying Leak Barrier in shorter lengths, remove the release film from the roll and then pull the sheet straight before aligning it on the roof.
10. Continue, overlapping previous StormGuard[®] Film-Surfaced Leak Barrier sheets a minimum of 6" (152 mm).

NOTE: For full-deck coverage or product/installation updates, see gaf.com.

Metal Roof Applications

StormGuard[®] Film-Surfaced Leak Barrier has a high-temperature rating of 250°F (121°C) and is suitable for use with most metal roofing systems. For application under copper and zinc or for other approved non-asphaltic roofing systems, contact GAF Technical Services at 1-800-ROOF-411.

Release Film Removal

To improve release in warm weather, turn the Leak Barrier over so that the white release film side faces upward and the gray walking surface side is face down to the roof deck. Before removing the release film in cold weather, the gray walking surface side of the product should face upward.

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[®] Film-Surfaced Leak Barrier rolls must be stored on end, under cover, and in an area cooler than 100°F (38°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 adhesives/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.

Important

Repair leaks promptly to avoid adverse effects, including mold growth. For technical, system, and warranty information, visit gaf.com or call 1-800-ROOF-411.

⚠️ WARNING: This product can expose you to Silica, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

WARNING: This product contains Silica, which can cause cancer and/or serious and permanent lung damage. Wear appropriate protective clothing and follow recommended work practices when using, handling, or disposing of this product. For additional information, read the Safety Data Sheet for this product.



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