

# StormFlash™ Self-Adhering Flashing

Sell Sheet

Updated: 10/07



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From North America's Largest Roofing Manufacturer™*

# STORMFLASH™

## Self-Adhering Flashing — Air & Moisture Barrier

### General Information

- Intended for exterior application only.
- Use around windows, doors, wall seams (both vertical and horizontal), inside and outside exterior corners or wherever moisture and air penetrations occur. StormFlash™ Self-Adhering Flashing may also be used in roof deck applications to seal deck joints. Surface may be slippery; use care to avoid walking on exposed film.
- Cut strips to desired length prior to installation.
- Where StormFlash™ Self-Adhering Flashing is overlapped, apply so as not to create back water laps in a counter-flash fashion. (Counter-flashing is overlapping material in the direction that water will flow.) See photos A-D.
- For best adhesion, some substrates may require primer. The use of ASTM D-41 Primer is acceptable on wood, metal, masonry, gypsum and Rigid PVC. For information on the compatibility of other primers, contact technical services at 1-800-766-3411 prior to use. Use caution when applying primers; apply only as directed, allowing primer to dry completely prior to application of the flashing.
- Sandwiching of window flanges is recommended. This method requires an additional layer of StormFlash™ Self-Adhering Flashing around the perimeter of the opening before the window installation. (see method 2)
- All surfaces must be clean, dust and debris free, and dry.
- For best adhesion, apply when outside temperatures are 45°F (7.2°C) or warmer. Store inside at temperatures between 55°F (10°C) and 100°F (38°C) for 24 hours prior to use.
- Do not leave exposed to direct sunlight for more than 30 days.
- Acceptable fasteners include: Heavy duty staples with a 7/16" crown, minimum 1/4" length, and minimum gauge .050" x .019"; or galvanized roofing nails; or 4d smooth shank common galvanized nails.

### Application Instructions for StormFlash™ Self-Adhering Flashing and Moisture Barrier around windows:

#### Method 1 – Flange flashing over window flange

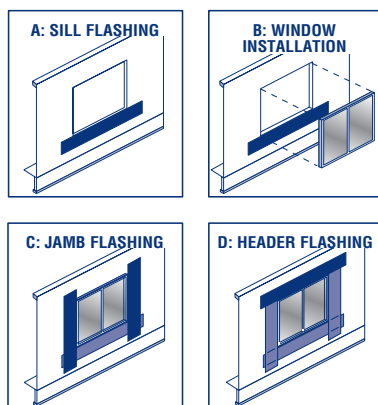
A: Begin all applications at the base/sill of opening.

- For those applications where the counter-flashing of building wrap is applicable, and the building wrap has NOT been installed, carefully score the release liner so that the bottom half of the release liner remains in place until the building paper is installed. Use care to avoid cutting through the entire piece of flashing. Remove the upper half of the release liner and fasten the base strip in place. Once building paper has been installed, remove the remaining release liner and seal the flashing to the building paper.
- Where either no building paper will be present, or the building paper is in place, there is no need to score the release liner. Simply install and fasten as described above.

B: Set and nail window into place.

C: Align vertical/jamb strips to side of opening. Peel back release liner and press firmly into place. Make sure that vertical strips are placed over window flange and extend past the top and bottom of opening no less than 6" (152mm). Apply one fastener at the top of each vertical strip.

D: Align top/header strip with opening. Peel back release liner and press firmly in place, extending strip past opening the full width of vertical/jamb strips.



#### Method 2 – Sandwiched side flange

A: Begin all applications at the base/sill of opening.

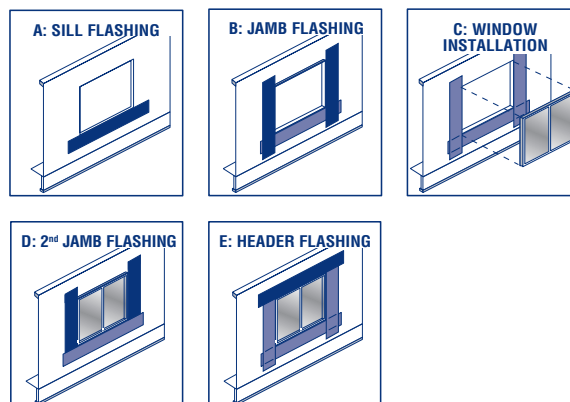
- For those applications where the counter-flashing of building wrap is applicable, and the building wrap has NOT been installed, carefully score the release liner so that the bottom half of the release liner remains in place until the building paper is installed. Use care to avoid cutting through the entire piece of flashing. Remove the upper half of the release liner and fasten the base strip in place. Once building paper has been installed, remove the remaining release liner and seal the flashing to the building paper.
- Where either no building paper will be present, or the building paper is in place, there is no need to score the release liner. Simply install and fasten as described above.

B: Align vertical/jamb strips to side of opening. Peel back release liner and press firmly into place. Make sure that vertical strips are large enough so that they extend past the window flange. Apply one fastener at the top of each vertical strip.

C: Set and nail window into place.

D: Install 2nd layer of vertical jamb flashing over window flange by peeling back the release liner and pressing it into place. **Do not flash over the bottom nailing flange with a secondary sill flashing.**

E: Align top/header strip with opening. Peel back release liner and press firmly in place, extending strip past opening the full width of vertical/jamb strips.



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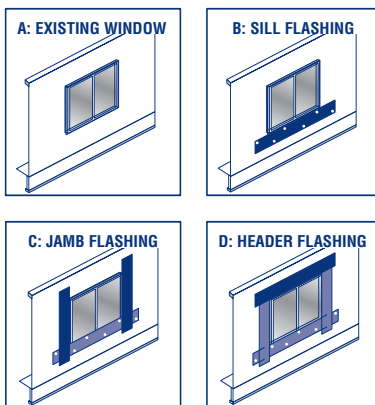
### Method 3 – For existing installed windows

A: Existing window.

B: Begin all applications at the base of opening, butt StormFlash™ Self-Adhering Flashing flush with window reveal and under existing window flange. Mechanically fasten StormFlash™ Self-Adhering Flashing. Do not install over flange or sill.

C: Align vertical/jamb strips to side of opening, butt StormFlash™ Self-Adhering Flashing flush with window reveal and over existing window flange. Peel back release liner and press firmly into place.

D: Take knife and approximately 4" (102 mm) to 6" (152 mm) above header flange (depending on width of StormFlash™ Self-Adhering Flashing being installed) make a cut into the existing building wrap the width of the window including the previously installed StormFlash™ Self-Adhering Flashing on vertical/jamb. Lift existing building wrap at slit and insert StormFlash™ Self-Adhering Flashing under building wrap and over window flange. Peel back release liner and press firmly into place, butting up to window reveal.



### Application Instructions of StormFlash™ Self-Adhering Flashing for Stucco 3-Coat Application Instructions:

Pre-cut StormFlash™ Self-Adhering Flashing to length for base or sill, jamps and header. Be sure to cut strips to extend to outer edge of base or sill, jamb and header flashings.

Install StormFlash™ Self-Adhering Flashing at the base or sill of window. Fasten into place with staples or smooth shank nails on the upper 2" (51 mm) of StormFlash™ Self-Adhering Flashing leaving the lower portion loose. (Do not remove release liner.)

Install StormFlash™ Self-Adhering Flashing to both jamps. Remove release liner and press firmly into place. Secure both jamb flashings with one fastener at the top of both strips.

Install window.

Install StormFlash™ Self-Adhering Flashing on header. Remove release liner and press firmly into place over nail flange.

Install housewrap under base or sill portion of StormFlash™ Self-Adhering Flashing (counter flash method). Remove release liner and press firmly into place.

#### 1-coat 1" foam/powerwall application instructions:

1. Install window.
2. Install 1" (25 mm) foam.
3. Follow above application method.

#### For Roof Deck applications

- StormFlash™ Self-Adhering Flashing, Air and Moisture Barrier is not intended for long term exposure. Wherever possible Roof Deck Protection underlayment should be installed immediately after application of StormFlash™ Flashing. When necessary, it may be exposed for up to 30 days.

- For best alignment and to avoid wrinkling, GAF-Elk strongly recommends cutting the material into lengths not to exceed 20 ft. (6.10 m) prior to application. Allow material to relax prior to installation.
- Roof decks must be firm, clean and dry, and be installed with 1/8" to 1/4" gaps between sheets, and must match vertically at joints to within 1/8". Acceptable decks include Plywood, OSB, and other wood decks. Consult technical services for alternate roofing substrates and installation requirements for those substrates.

#### Installation Instructions:

1. For best alignment and to avoid wrinkling, GAF-Elk strongly recommends cutting the material into lengths not to exceed 20 ft. prior to application. Allow material to relax prior to installation.
2. Peel back the first 3 inches of the release liner, and set the tape in place on the substrate.
3. Install one roofing nail, 1 inch down from the top of the tape and 1 inch in from each side.



4. Peel the release liner from the back of the sheet, pressing StormFlash™ Self-Adhering Flashing against the deck as you move down or across the deck.
5. Where lengths exceed 20 feet, a second roll section may be necessary.



Install the second section with a butt joint, flush to the preceding piece. DO NOT OVERLAP. Nail the leading edge of the section as described above.

6. Vertical laps 4 feet or under do not require supplemental fastening. Butt the leading edge of StormFlash™ Self-Adhering Flashing against the edge of the horizontal application. Do not overlap the install flush to the preceding piece.
7. Complete roofing system as per manufacturer's installation instructions.

#### Precautionary Notes:

- Butt joints tightly for best protection against water infiltration.
- When using StormFlash™ Self-Adhering Flashing roof application consult a design professional for ventilation requirements.
- The application instructions for 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 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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