



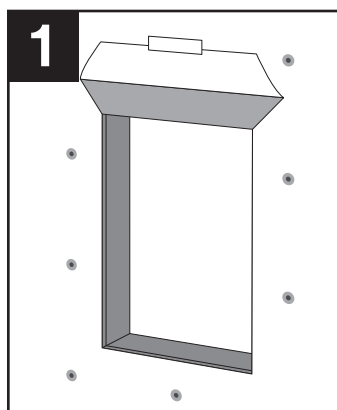
Installing a Flanged Window with Mechanically Fastened House Wrap

3M™ All Weather Flashing Tape 8067 is a self-adhered, waterproof flashing membrane designed for sealing windows, doors, openings and penetrations in exterior walls. This product has a unique acrylic pressure sensitive adhesive that aggressively sticks and stays stuck both at lower and higher application temperatures than traditional flashing tapes. It even adheres to damp surfaces.

- Apply at surface temperatures as low as 0°F (-18°C) or high as 150°F (66°C) without a primer
- Extremely flexible with 700% elongation
- Resists UV exposure for up to 12 months
- Passes nail sealability before and after thermal cycling according to AAMA 711
- Compatible with most common building materials and sealants
- Service temperature -40°F to 240°F (-40°C to 116°C)
- Split-liner for easy and accurate positioning of tape, especially long lengths
- Substrate surfaces must be free of grease, oil, un-bonded paint, corrosion or other substances that would adversely affect the adhesive bond between the membrane and substrate
- Substrate surface must be dry to the touch for optimum performance

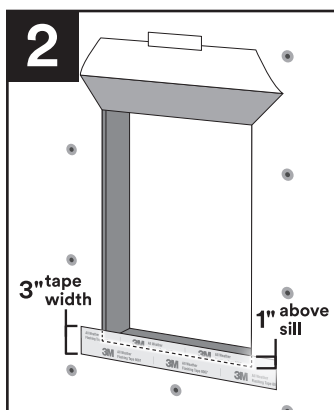
Industry practices and debates:

- Some industry experts believe house wrap should be folded into the window opening. Others believe the house wrap should be cut around the opening to prevent moisture getting to the window framing if water should get behind the house wrap. This detail will illustrate trimming the house wrap flush with the window framing.
- There is a debate if the bottom window flange should be completely sealant free or if there should be drain gaps. This detail will illustrate drain gaps per FMA/AAMA 100-12 recommendations.
- All industry experts agree tape should be applied as a positive lap or a shingled fashion, so the higher tape always covers the tape below it.

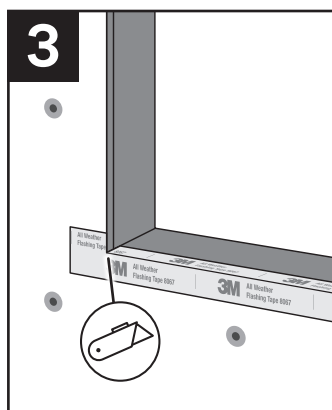


Preparing the opening: Trim the house wrap flush with the window opening, then make 45° angle cuts from each of the top corners. Fold the wrap up and hold in place with a small piece of tape.

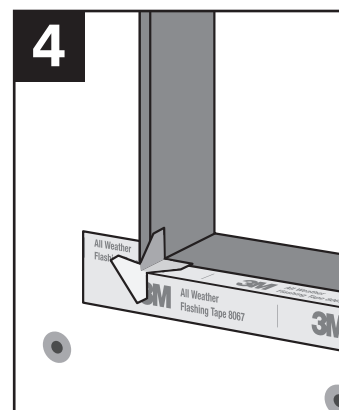
Note: The windowsill should be constructed with a slight outward slope, extracting moisture should it get behind the house wrap



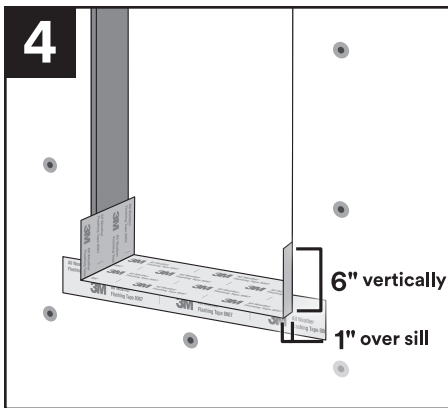
Flashing the sill: The first piece of tape applied should extend beyond either side of the jams the same width as the tape and should be applied 1" above the sill.



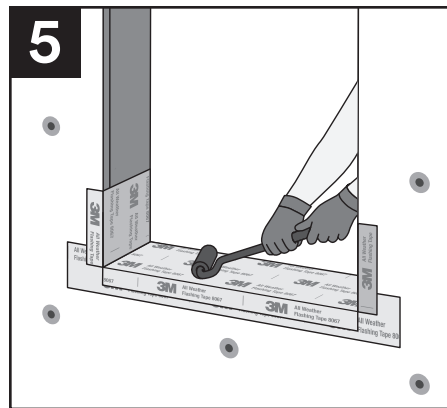
Flashing the sill: Cut each corner vertically to the sill, then fold the 1" flap onto the sill.



Apply "butterfly strip" to each sill corner to prevent any pinholes. Alternatively, a dab of sealant can be used here.

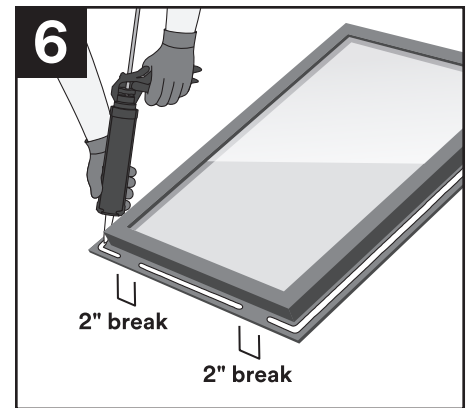


Flash the remainder of the sill: The remainder of a sill can be flashed with a single strip of wide tape (9" tape for 2' x 6' wall), or multiple pieces of narrower tape with a minimum of a 1" overlap. The first piece of sill tape will extend 1" over the sill and extend 6" vertically up both sides of the jam.

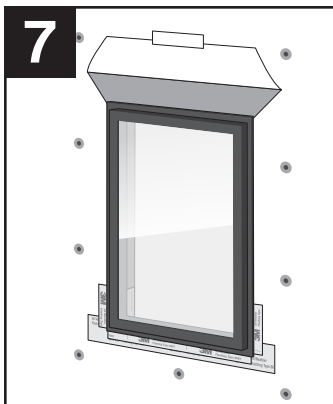


Flash the remainder of the sill: Cut the overhang in each corner horizontally and fold the 1" flaps over the outside wall.

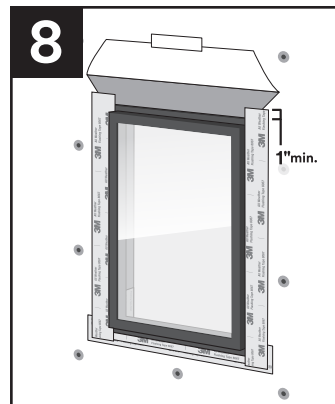
Apply adequate pressure: 3M™ All Weather Flashing Tape 8067 utilizes a pressure sensitive acrylic adhesive. A J-roller is recommended to assure adequate pressure is applied.



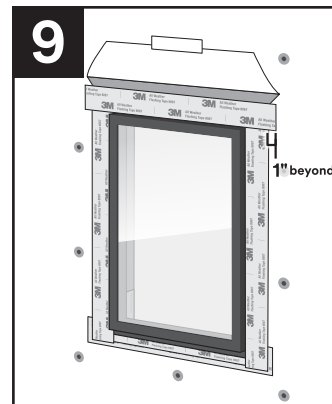
Apply sealant: A 1/4" bead of sealant can be applied either to the inside of the window flange or to the window frame edge. The sealant on the bottom flange should have a 2" void near the ends to allow any water to exist easily.



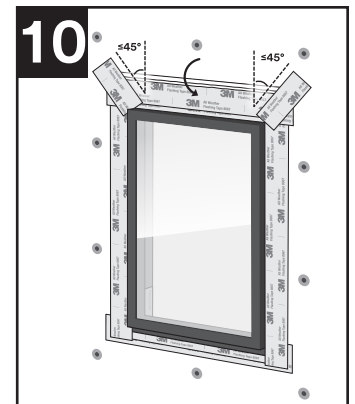
Insert and fasten the window per window manufacturer directions. Ensure the window flange embeds into the previous bead of sealant that was applied.



Flash the jams: Apply tape to either side of the jam, with the tape adhering to the window flange and extending onto the house wrap. The tape should extend above the head at least 1", but not more than the width of the tape. The bottom should be on top of the sill tape in a shingle manner.



Flash the header: Apply the header tape to the top window flange, directly to the sheathing board and on top of the jam tape. The tape should extend at least 1" beyond the jam tape.



Re-apply the house wrap: Bring the house wrap over the header tape and trim it approximately 1" above the window. Ensure you do not cut the header tape when trimming the house wrap. Seal the house wrap to the header tape, then cover the 45° cuts with a strip of tape.

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3M Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000

Phone 866-513-4026
Web [3M.com/airbarrier](https://www.3m.com/airbarrier)

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