

### Installation Instructions – WindowWrap® Products

#### DESCRIPTION

WindowWrap® is a family of self-adhering and self-sealing waterproofing tapes designed for use around windows, doors, building seams and in general construction. A release liner protects the adhesive and is removed as the tape is installed. The adhesive self-seals around most punctures. This advanced system bonds to all common building and window materials, and seals around fasteners to prevent water damage. It also increases energy efficiency, prohibits insects from entry, and reduces noise transmission into the structure.

#### INTENDED USES

- To flash around windows and doors in new construction and in replacement installation.
- Can be used to seal joints, around vents and other openings under most exterior surfaces including brick, stucco, wood, and vinyl siding
- May also be used as a barrier between metal brackets and ACQ lumber

#### INSTALLATION HINTS AND TIPS

- Apply to clean, dry surfaces where the ambient air and surface temperatures are at or above recommended levels, as outlined here
- For weathered and concrete surfaces, use an MFM-approved primer – a list of approved products are provided on our website
- Product can be applied directly to the sheathing or over house wrap – test adhesion with a sample piece
- Always apply pressure with a hand roller to maximize the membrane's contact with the substrate
- Use MFM Low-VOC Spray Adhesive™ when applying to concrete, masonry, DensGlass, Fiberock or building paper to ensure good adhesion – also use spray adhesive when installing below the minimum installation temperature.
- **NEVER** tape over the sill flange of the window to the sheathing to allow an escape path for moisture
- WindowWrap® products may also be mechanically attached

#### WARNINGS

- **DO NOT** apply over flexible vinyl gaskets
- **DO NOT** install over solvent-based or silicone sealants or caulks
- Installer is responsible for compatibility with caulks and sealants



#### MINIMUM INSTALLATION TEMPERATURE

| Product                    | Temperature                         | Using Spray Adhesive |
|----------------------------|-------------------------------------|----------------------|
| WindowWrap® PSX-20         | 35°F (1.7°C)                        | 10°F (-12°C)         |
| WindowWrap® PowerBond      | 25°F (-4.0°C)                       | 0°F (-18°C)          |
| WindowWrap® Flex           | 45°F (7.0°C)                        | 25°F (-4.0°C)        |
| WindowWrap® Flex PowerBond | 25°F (-4.0°C)                       | 0°F (-18°C)          |
| WindowWrap® White          | 35°F (1.7°C)                        | 10°F (-12°C)         |
| <b>Service Temperature</b> | <b>-20°F – 170°F (-29°C – 77°C)</b> |                      |

#### MAXIMUM UV EXPOSURE RATING | WARRANTY

| Product                    | Days     | Warranty |
|----------------------------|----------|----------|
| WindowWrap® PSX-20         | 180 Days | 10-Year  |
| WindowWrap® PowerBond      | 180 Days | 15-Year  |
| WindowWrap® Flex           | 90 Days  | 10-Year  |
| WindowWrap® Flex PowerBond | 90 Days  | 15-Year  |
| WindowWrap® White          | 30 Days  | 10-Year  |

WindowWrap® is protected under US Patent Nos. 6,479,119 and 6,627,017. PowerBond® is protected under US Patent No. 8,603,629.

#### CUTTING HOUSE WRAP



Cut an "X" pattern in the house wrap from corner-to-corner of the rough window opening..



Cut the header section flush with the top of the rough opening and discard.



Wrap both jamb sections into the rough window opening and secure tightly with staples.



Cut the sill section flush with the bottom of the rough opening and discard.



Cut two 45° cuts to the header section and fold up and hold with staples or membrane.

## STEP-BY-STEP INSTRUCTIONS FOR INSTALLATION

### STEP 1

Start at the window sill before the window is installed. Cut a section of WindowWrap® the width of the rough window opening plus at least 8" (20.3 cm). Now center sill membrane in the rough opening. Start to remove the release liner as you work across the sill. Smooth membrane with your hand to remove any air bubbles, then finish by rolling the membrane firmly. Follow the same steps when installing "Flex" products.



### STEP 2

Make a cut at each corner of the window opening so that the tape may be folded down onto the outer wall. Cut two "dog bone shaped" corner patches to cover corner cuts (inset photo). "Flex" products do not need cut, just fold onto the outer wall. This can also be mechanically attached, if needed.



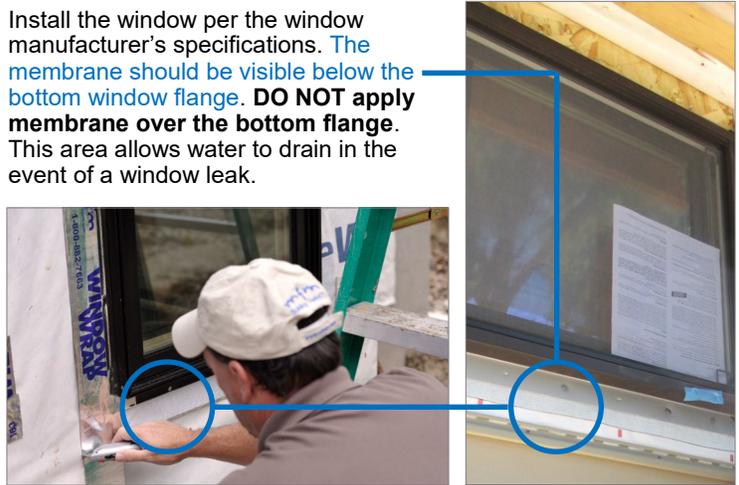
### STEP 3

If using house wrap, cut the house wrap along the top edge of the rough window opening. **DO NOT** wrap the house wrap into the rough window opening at the header. The membrane needs to be applied directly to the shear wall. Make two 45° cuts, lift the house wrap up, and secure with a staple or piece of membrane.



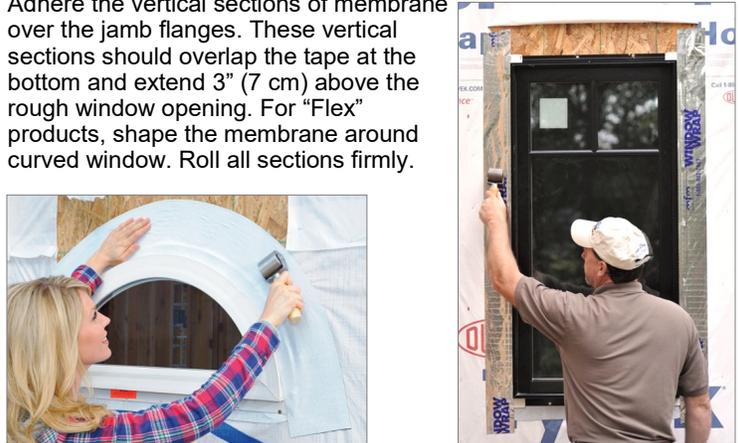
### STEP 4

Install the window per the window manufacturer's specifications. The membrane should be visible below the bottom window flange. **DO NOT** apply membrane over the bottom flange. This area allows water to drain in the event of a window leak.



### STEP 5

Adhere the vertical sections of membrane over the jamb flanges. These vertical sections should overlap the tape at the bottom and extend 3" (7 cm) above the rough window opening. For "Flex" products, shape the membrane around curved window. Roll all sections firmly.

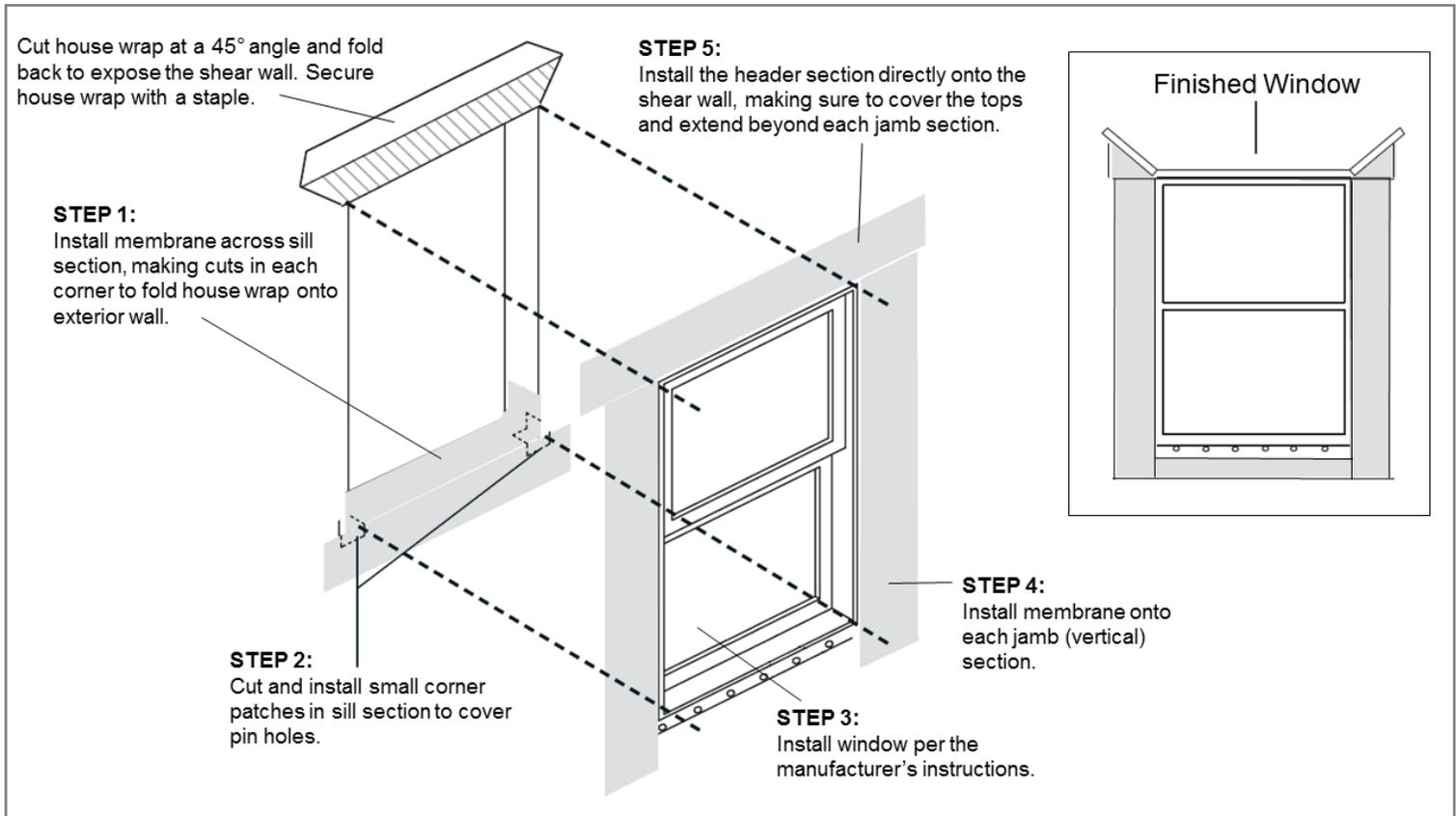


### STEP 6

Flash the header section by adhering the membrane directly to the shear wall. Make sure the membrane extends beyond both jamb sections. It should also cover the top sections of both jamb sections as well. Finish by pulling the house wrap back down and secure in place. Use small pieces of membrane to cover cuts in house wrap.



## WINDOW FLASHING DETAIL DRAWING



### INCORRECT INSTALLATION:



**House wrap was wrapped inside the structure. If water penetrates behind the house wrap, it can funnel right into the structure.**

**Correct procedures are outlined in Step 3 and 6.**

**Bottom window flange was covered by membrane, which does not allow water to escape to the outside should there be a window leak.**

**Correct procedure is outlined in Step 4.**

### CAUTION!

WindowWrap® must never be installed over silicone caulking or flexible vinyl gaskets. Check with the sealant manufacturer to determine if the sealant is compatible with an asphalt-based adhesive. If installed over incompatible or uncured sealants; the adhesive may liquefy and run, causing unsightly streaks and drips.

It is the installer's responsibility to determine if all materials used, including primers, caulks, and sealants are compatible with WindowWrap®.