

Contact MI for product specifications and additional product information for your MI product.

- Non-compressible shims.

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## Inspect and Prepare the Product for Installation

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1. Inspect the window product thoroughly before beginning installation.
  - Confirm the window matches the size needed for the opening; measuring  $\frac{1}{2}$ " smaller than the rough opening dimensions in width and height.
  - Confirm the window's features match the requirements of the project, order, and opening; e.g., Low-E, color, code, rating, operating direction, egress, fall protection device, and window operating control device.
  - Confirm there is no damage to the product and that all necessary pieces are in place for a complete installation; e.g., locks, labels, weather stripping, drip caps on mulled units.

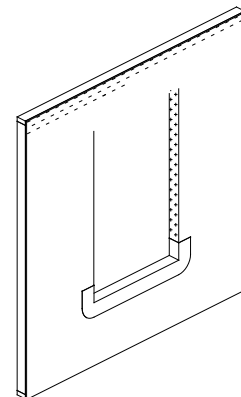
*Do not proceed with installation if there are any concerns about the condition or suitability of the product for installation or compliance with project, order, code, or opening requirements.*
2. Keep the jambs plumb and square with the head and sill on the window throughout installation. Keep sashes closed and locked throughout installation. Avoid "crown up" or "bow down" conditions at both sill and head. Avoid "bowed out" installations by confirming equal jamb widths throughout installation, especially at meeting rails.

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## Inspect and Prepare the Rough Opening

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3. Make sure the rough opening is in good condition and sits plumb, level, and square. *See Figure A.* Confirming measures should not exceed permissive tolerances in ASTM 2112:  $\frac{1}{8}$ " nominal square tolerance for units less than 20 sq. ft. or  $\frac{1}{4}$ " for units more than 20 sq. ft. Framing conditions at the rough opening must be sufficient to support the window unit, framing header above, and permit appropriate integration of the window into the building's water management system. Rough openings should be  $\frac{1}{2}$ " larger than window frame in width and height.
4. If the building already has a weather resistant barrier (WRB) installed, it is necessary to prepare an opening in the WRB to accept the window.

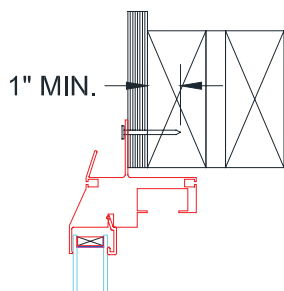


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## Apply Sealant, Set, and Secure the Window

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7. For aluminum windows it will be necessary to predrill fastener locations. Unless otherwise required by code, MI recommends fasteners be located no closer than 3" from any corner and no more than every 8" on center. Do not distort the mounting fin during this process. After fastener locations have been predrilled, inspect sealant at all frame joints. Apply sealant at mechanically fastened corners as well as the full length of the joints where mounting fins/flanges meet.
8. It is required to apply a continuous  $\frac{3}{8}$ " bead of premium grade, compatible exterior sealant to the backside of the mounting fins (interior facing) at the head, sill, and jambs of the window near the outside edge of the mounting fin. **IMPORTANT-** If using Pan flashing, leave at least 2 gaps that are 2" wide in the sealant bead. See *figure G*. Do not align sill gaps with weeps. Gaps should be not more than 4' apart on large units. Add more gaps as necessary. See *Figure H*.



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## Integrate the Window

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11. Cut two pieces of self-adhered flashing for the jambs that extend a minimum of 1" above the head mounting fin and a minimum of 1" below the sill flashing previously installed in *step 6*

12.

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## Insulate the Opening

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14.