BEFORE WINDOW INSTALLATION

1. **(Required)** The rough opening should be level, plumb, and square. Dimensionally, it should be ½" taller and 1" wider than the frame dimension of the window or window combination, excluding the nail fins (Figure 1). Note that horizontal mulls add 1" to the vertical dimension, and vertical mulls add 1" to the horizontal dimension of the individual units combined.

   **For Florida Building Code Compliance:** The rough opening must have a maximum gap of ¼" on any given side, instead of using the dimensions shown in Figure 1. Refer to the FL code for more information.

2. **(Recommended)** If a weather-resistant barrier is used, follow the barrier manufacturer’s recommendations for treatment of window openings.

3. **(Recommended)** If pan flashing is used, it should be installed at this time. Follow the pan flashing manufacturer’s recommendations, making sure that the product provides an adequate sill dam height to the interior. When using pan flashing, do not caulk the lower sill nail fin so as to provide adequate drainage.

SINGLE UNIT INSTALLATION

4. **(Required)** Apply a generous (at least ¼" diameter), continuous bead of sealant to the exterior of the rough opening to ensure an adequate seal between the back of the nail fin and the exterior surface of the rough opening. See Figure 2 for the bead location.

5. **(Required)** Place the window into the rough opening. If the sill of the rough opening is not level and true, place a shim near each end of the sill (Figure 3). Otherwise, place the window unit directly on the sill. Center it from side to side. With an approved fastener (listed above), fasten the window through the nail fin through a hole nearest the top center.

6. **(Required)** Square the window side to side, shimming as necessary to maintain square and level jambs (Figure 4). Check and adjust the shims so that the window sill and head are level and are not crowned. To maintain plumb and straightness, use a straight edge.
12. **Required** Follow steps 6 through 10 above (step 9 is recommended). For fastening the mull gusset plates, refer to the section Recommended Tools & Accessories box. Six screws are required on each gusset plate to ensure performance as labelled (Figure 8).

13. **Required** On the exterior, be careful not to seal the mull caps when siding or flashing is applied (Figure 8).

**IMPACT UNIT INSTALLATION**

Although most sizes do not require special installation details above standard single and mulled unit combinations, some larger sizes (units exceeding 49-3/8” wide and/or 76-9/16” tall) do require additional fasteners for installation.

14. **Required** For impact units larger than 49-3/8” wide and/or 76-9/16” tall, additional fasteners must be used for installation. Fasteners should be installed through the jambs in the locations indicated (Figure 9). Shim between the window jamb and rough opening at each location, and install one #8 x 3” screw as shown in the detail (Figure 10).

**PRECAUTIONARY NOTES:**

- If the exterior is brick or masonry, you must leave a 3/8” gap between the bottom sill of the window and the masonry to avoid brick binding.
- Follow the siding manufacturer’s requirements for sealing between the siding and window frames.
- Drilling through the frame of the window could cause a leakage problem which would not be covered by the warranty.
- Use of low-expansion foam insulation is allowed (see manufacturer’s requirements), but any binding or damage of any type caused by the insulation will not be covered under warranty.
- Use of high-expansion foam insulation voids the warranty of the window unit.
- Altering the exterior color of these window units may void the warranty.