

# Installing Windows

## TASK 37

**Purpose:** Install windows so they are secure and don't leak air around the frame.

**Tools:** Finish hammer, caulking gun.

**Safety issues:** Wear gloves when carrying and placing to avoid cuts  
Avoid pressure on the face of the glass  
May require working on ladder

**Materials:** Prehung windows  
Expanding foam or foam rope  
Galv roofing nails  
Shims

**Inspection Criteria:**

Prior to placing window, inspect opening for proper size, and that there are no nails protruding into the opening. The opening should be square and true, with a 1/4" clearance for window.

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### Sequence and Methods:

- 1 Install windows after roof trusses, sheathing and Tyvec is installed. This helps protect the windows from being broken. If the Tyvec hasn't been cut, cut an X from corner to corner of the window and fold the triangular flaps of the sides and bottom around the wood frame and inside the house. Let the top flap overlap the top flange of the window for added protection from the rain.
- 2 Slide window into frame from the outside so the flange is outside the house. Make sure it is right side up.
- 3 Shim the window so it is centered in the opening. If the opening is too large, add an OSB filler strip. Make sure the window is level and plumb.
- 4 Once the window is properly positioned, nail it to the framed opening with galvanized roofing nails in EVERY nail-hole in the flanges.
- 5 Using expanding foam, APPLY A SMALL BEAD all around the window. If you put in too much, the foam will distort the window and it won't open properly. You can also use foam rope stuffed into the crack. The foam reduces air infiltration, which is a primary cause of tempered air from the home.

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