

Integrity Impact Windows and Doors

Supplemental Instruction for IZ3 rated products



Use these instructions in conjunction with the detailed installation instructions included with each order. This instruction is a guide for placement and application of brackets and fastening methods for impact rated products. As always, read all instructions thoroughly before beginning to install your impact window or door.

Fasteners and Spacing Methods

Casement, Casement Picture, Awning, Double Hung Picture and Outswing Doors:

Requires fastening the window to the rough opening in one of two ways:

1. **Installation Clips** (specialized for each frame) **AND Nailing Fin.**

Attach brackets to the unit jambs and head jamb with #7 x 5/8" wood screws 6" (152) maximum from each corner and 18" (457) maximum around the unit perimeter. Attach nailing fin 4" (102) from all corners and a maximum of 7" (178) apart around the rest of the unit perimeter.

OR

2. **Structural Brackets**

Attach to the jambs, head jambs and sill (windows only) following the attachment method and spacing specified with the instructions (enclosed with brackets).

Direct Glaze Polygons:

Attach with **Structural Brackets** only to the jambs, head jambs and sill. Follow the attachment method and spacing with the instructions (enclosed with brackets). See figure 1.

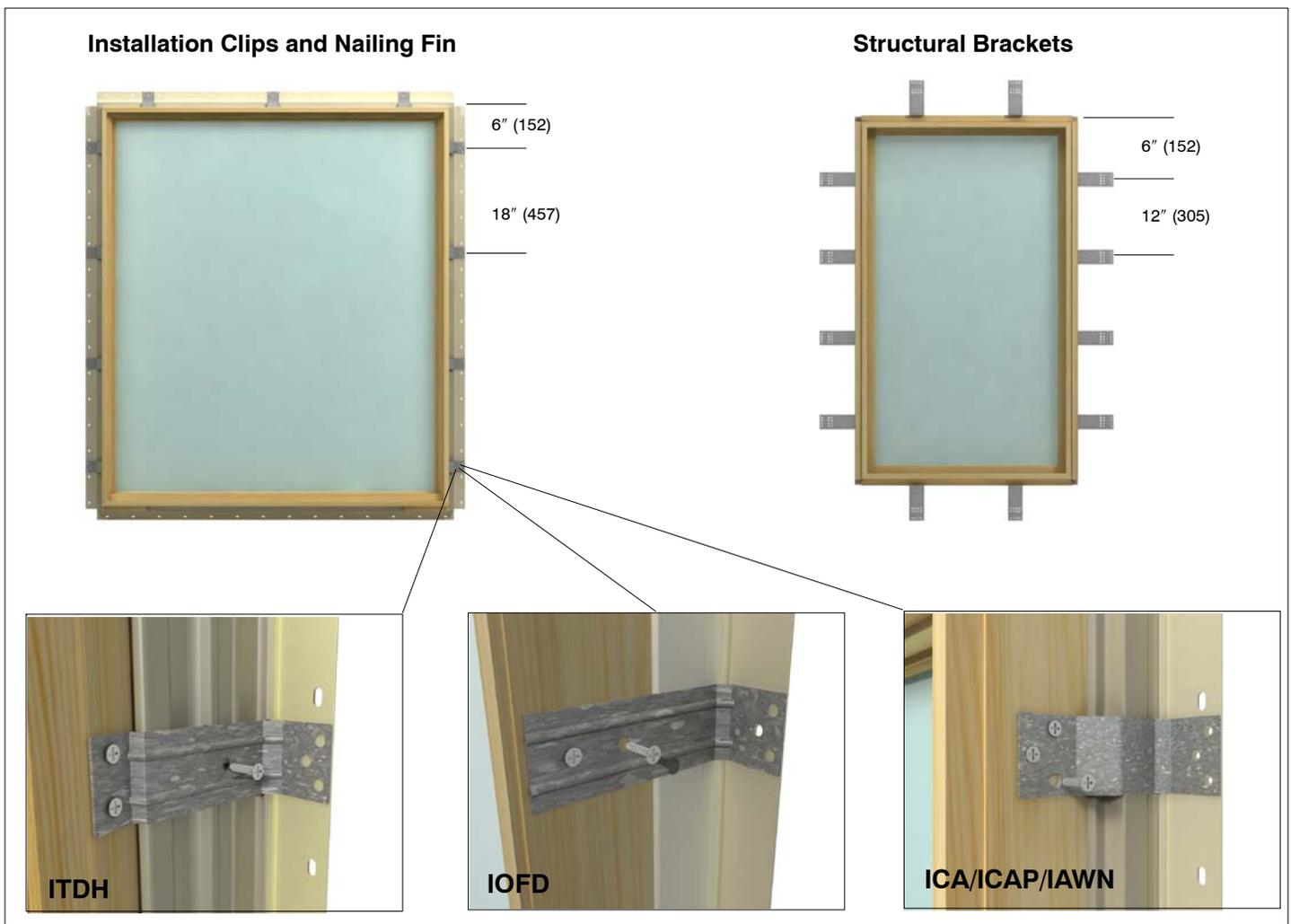


Figure 1: Fastening and Spacing Methods, Structural Brackets or Installation Clips with Nailing Fin

Installing the Window or Door

1. Using the screw holes in the clip as a guide, drill through the nailing fin with a 1/8" drill bit. This will give you the location of the screw holes when you fasten the unit to the rough opening. See figure 2.

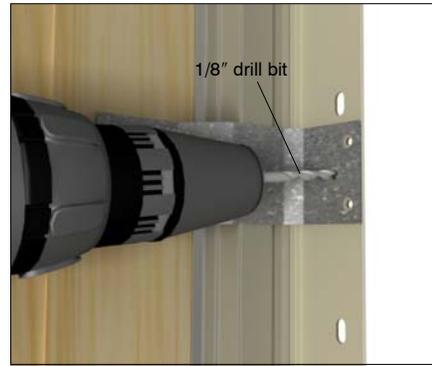


Figure 2: Drill through clip and nailing fin.

2. **All Impact Rated Windows and Doors:**

Must be adhered to the sill with a discontinuous 5/16" (8) bead of construction adhesive on the framing sill where it will contact the window or door frame sill.¹ See figure 3. Leave approximately 2 (51) gaps on the ends. See figure 4.

3. Follow the instructions included with each order to properly place, square and shim the unit in the opening. When using structural brackets, wrap to the interior framing. Follow the instructions included with the brackets.

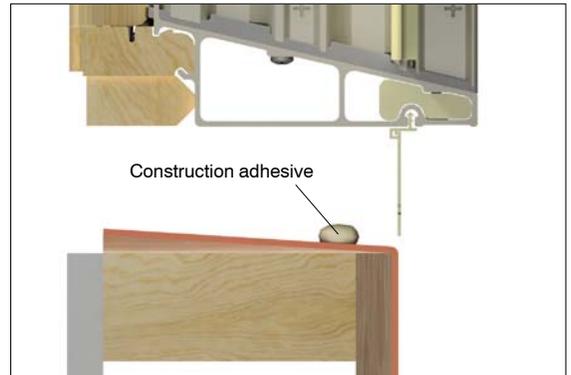


Figure 3: Apply construction adhesive to RO sill.

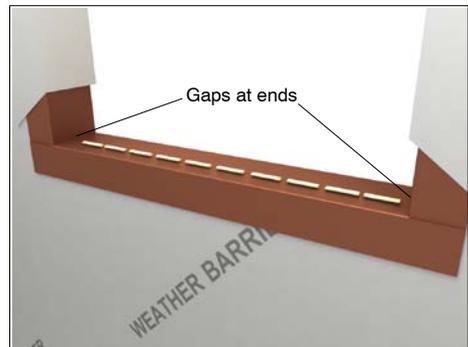


Figure 4: Discontinuous bead of construction adhesive.

4. If you are using Installation Clips in conjunction with nailing fin, fasten the clips to the rough opening with 1 1/4" drywall screws. See figure 5.
5. **Follow all finishing, flashing and sealing steps found in the installation instructions sent with your window or door order.**

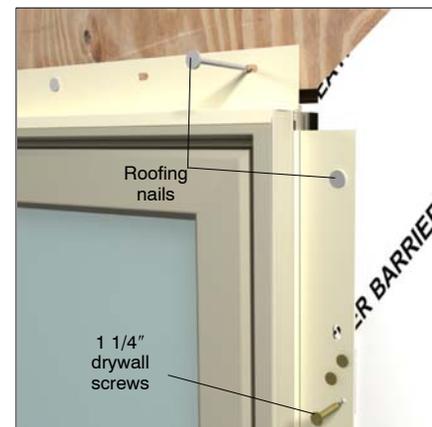


Figure 5: Fasten clips through nailing fin.

¹ Use APA rated AFG-01 spec, C920 construction adhesive. Make sure the adhesive is compatible with all building materials and the unit frame.