



# INSTALLATION GUIDE

For ViWinTech New Construction Windows

## Consult local building codes prior to installation

ViWinTech recommends using an Installation Masters™ Certified Installer or an experienced professional contractor who practices Installation Masters methods to provide the proper operations and weather tight seal to the building. Contact a ViWinTech distributor for further information. These installation procedures are general guidelines for standard wood construction. Other methods can be used at the discretion of the architect or professional installer to provide the best weather tight installation. ViWinTech is NOT responsible for the quality of installation.

Failure to adequately install and properly maintain the window will void any warranty, written or implied. The installer is responsible for proper installation guidelines in accordance with any local/state applicable codes and/or ordinances.

ViWinTech assumes no responsibility for the consequences of inadequate or improper installation or lack of product care.

### Read these instructions completely before beginning work.

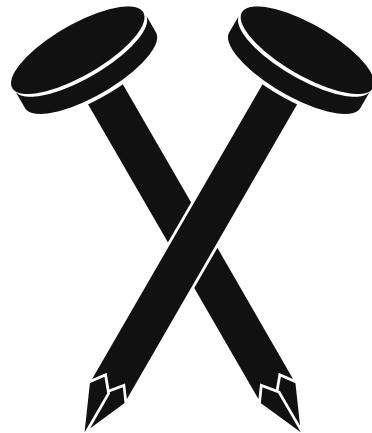
Remove all packaging materials and installation accessories from the window units and inspect for damage immediately. Immediately inform your distributor of any damage or shortages.

Check size (height & width), plumb, and squareness of the rough opening.

**ALL WINDOW UNITS MUST STAY CLOSED DURING INSTALLATION**

### Installation Procedures

1. Make certain rough opening (R.O.) dimensions are correct. R.O. height & width must not exceed the window size by more than  $\frac{1}{2}$ ".
2. Apply a strip of 9" wide flexible flashing material at least 12" longer than the width of the rough opening. Align flashing material on the inside edge of the horizontal sill and adhere into rough opening along the sill and 6" up jambs on each side.
3. Apply a continuous  $\frac{1}{4}$ " bead of silicon caulk to the backside of the nailing fin along the pre-punched holes.
4. With the sash closed and locked, set the window on shims and center the window in the opening. Vinyl sill shims may or may not be attached to the window.
5. Nail one top corner through the pre-punched slot. Then level with shims as required.
6. Shim & adjust the window as necessary to achieve a plumb, square and level condition. Window should operate properly.
7. Unlock and open the sash slightly to check the space between the sash and the frame. Adjust as needed for equal reveal.
8. Secure window to opening through the pre-punched holes in nailing fin every 4 to 6 inches. Apply sealant continuously along jamb and head over fasteners.
9. Apply a strip of flashing material across the head over the sealant and the fin. Overlap the sill flashing in weatherboard fashion.
10. Apply flashing material across the head over the flashing and the fin. Start from the left and continue to the right over the jamb flashing in weather-board fashion.
11. Install batt insulation material between window and rough opening. Do not over stud. You may also use an expanding foam specifically designed for windows and doors.
12. Check window once again for proper operation.



Use roofing nails that will penetrate 1" into the wall stud and header.



Do not drill or screw through sill (leakage may occur).

Do not caulk or plug weep holes.

When mulling, be careful to not cover the weep holes.



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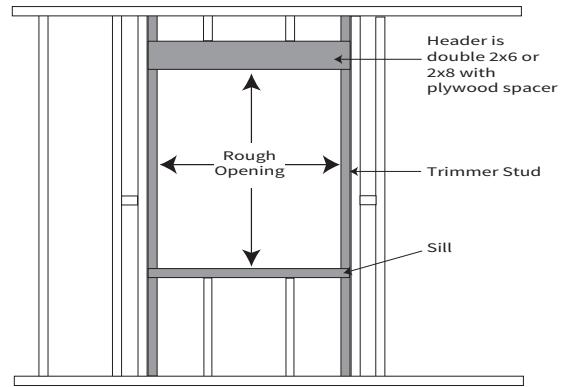
## If installing on a brick structure,

Leave a minimum of  $\frac{1}{4}$ " clearance around the main frame to allow for expansion. Apply sealant/caulk in the  $\frac{1}{4}$ " gap.

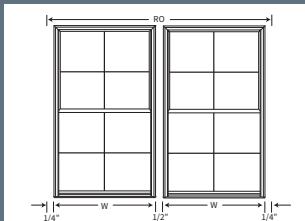
## Rough Opening Dimensions

Rough opening dimensions are given in either feet and inches or inches. Make certain rough opening (R.O.) dimensions are correct. R.O. height and width must not exceed the window size by more than  $\frac{1}{2}$ ". For mulled units refer to the drawings below.

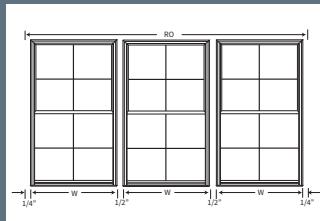
- Header is double 2x6 or 2x8 with plywood spacer



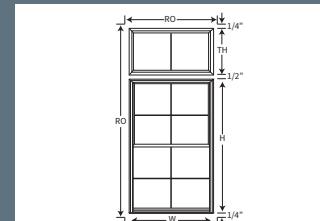
## Rough Opening and Dimensions for Mulled or Stacked Window Units



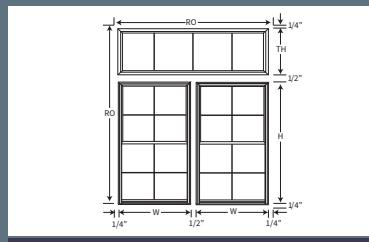
Two units side by side R.O.  
width = R.O. width of single x 2



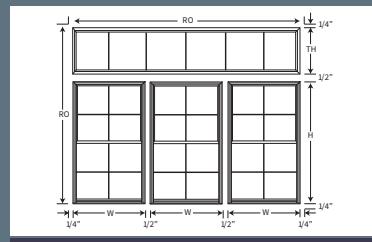
Three units side by side R.O. width  
= R.O. width of single x 3



Two units stacked R.O. height =  
R.O. height of transom plus R.O.  
height of double hung



Two units side by side with one stacked  
R.O. width = R.O. width of single x 2 R.O.  
height = R.O. height of transom plus R.O.  
height of double hung



Three units side by side with one stacked  
R.O. width = R.O. width of single x 3 R.O.  
height = R.O. height of transom plus R.O.  
height of double hung

**IMPORTANT:** Extra care should be exercised to avoid damage before, during and after installation. When handling windows, always lift at jambs for added safety and prevention of component damage. Prior to installation, store windows in a near vertical position, never lay flat. Always protect from outside elements when storing or transporting and never store factory wrapped windows in direct sunlight.

**WARNING:** ViWinTech windows are made with annealed glass and are not provided with safety glass unless specifically ordered. Broken glass can fragment and cause personal injury. Many laws and building codes require safety glass to be used in certain conditions. It is the sole responsibility of the purchaser, architect, builder and/or contractor to determine the need for safety glazing to conform to local codes.