

Measurement Guide

for Andersen® 100 Series Custom-Size Windows

Thank you for choosing Andersen.

For questions call 1-888-888-7020. For more information and/or guides visit andersenwindows.com.

- **Read this measurement guide from beginning to end before beginning. Read all warnings and cautions during unit installation.**
- **Read and follow product installation guide for installation instructions.**

Before Measuring:

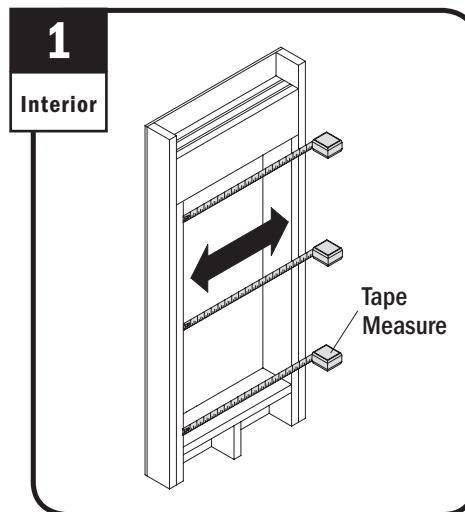
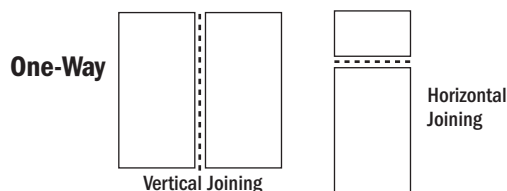
- Be sure rough opening is sound and suitable for window replacement.
- Existing opening must be plumb, level and square. If not, adjustments must be made to window size when ordering.

Measuring Information:

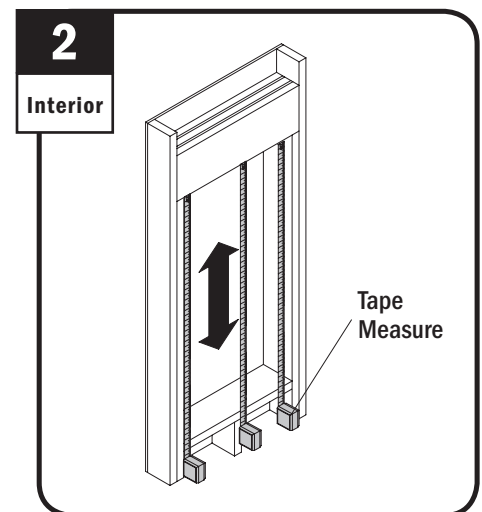
- Record measurements on “Measurement Worksheet”. (Allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items).
- Describe window locations clearly. Record measurements (round down to nearest 1/8").
- Measure each window even if they appear the same size.

Joined Combinations:

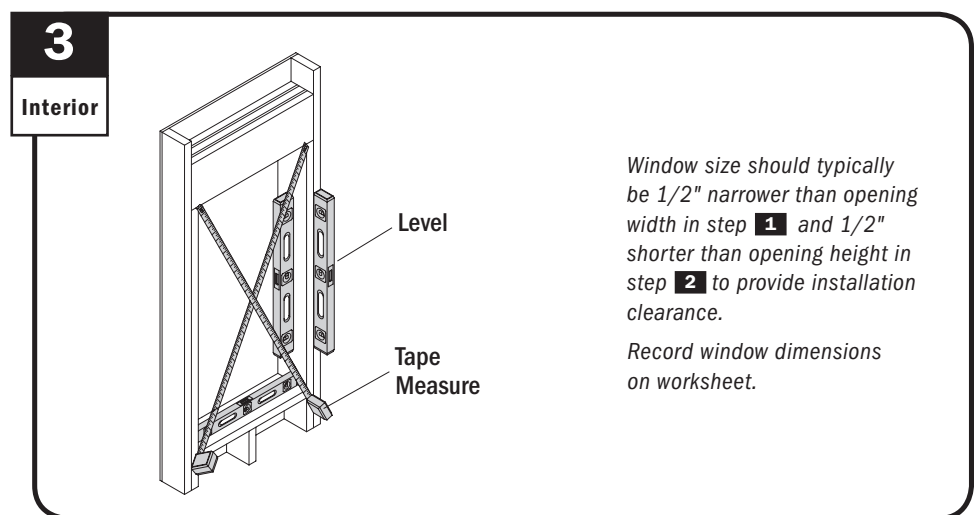
- Windows can be joined in one-way combinations as shown below.



Measure rough opening width at bottom, middle, and top. Record smallest width on worksheet (round down to nearest 1/8").



Measure rough opening height at sides and center. Record smallest height on worksheet (round down to nearest 1/8").



Window size should typically be 1/2" narrower than opening width in step **1** and 1/2" shorter than opening height in step **2** to provide installation clearance.

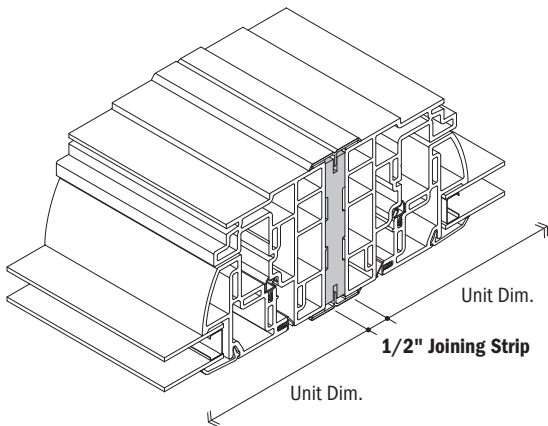
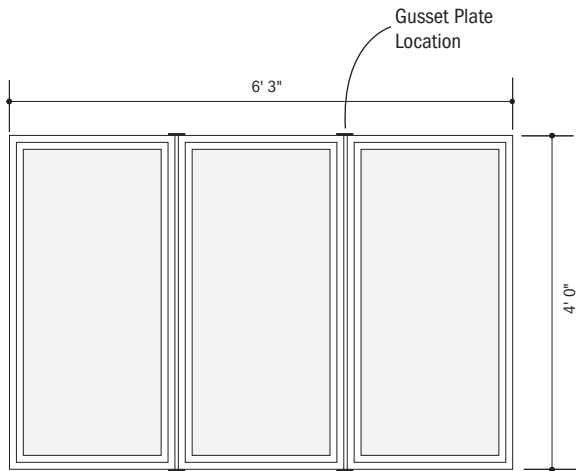
Record window dimensions on worksheet.

Check plumb, level, square. Diagonals must be within 1/8". Subtract 1/2" from rough opening width and height measurements recorded in steps 1 and 2.

- **See joining calculation example on back side.**

Joining
Calculation
Example

- ▶ **When joining windows, consider the additional thickness of joining materials (i.e joining strips, gusset plates, and fasteners).**
- ▶ **100 Series windows can only be joined in one direction (vertical or horizontal).**



Example: 3 Casement Units with 2 Reinforced Vertical Joins
Joining Material: Fiberglass
Overall Rough Opening Dimensions: width = 6' 3" height = 4' 0"

	Width	Height
Convert overall rough opening measurements to inches	$6' 3\text{-}1/4" = 75\text{-}1/4"$	$4' 0" = 48"$
Subtract $- 1/2"$ (for typical install clearance)	$75\text{-}1/4" - 1/2" = 74\text{-}3/4"$	$48" - 1/2" = 47\text{-}1/2"$
Subtract joining material thickness $- 1/2"$ (for each Reinforced fiberglass join)	$74\text{-}3/4" - 1/2" - 1/2" = 73\text{-}3/4"$	N/A for vertical join
Divide by number of units (3)	$73\text{-}3/4" \div 3 = 24\text{-}9/16"$	N/A for vertical join
Round down to nearest 1/8"	$24\text{-}9/16" \Rightarrow 24\text{-}1/2"$	
Single window dimensions	24-1/2"	47-1/2"

Measurement Worksheet

for Andersen® 100 Series Custom-Size Windows

Customer

NAME _____	PHONE _____
ADDRESS _____	E-MAIL _____
CITY/STATE/ZIP _____	ORDER DATE _____

Window Location	example: bathroom, _____		Window #	_____ of _____
Rough Opening & Unit Size <input type="radio"/> Single window <input type="radio"/> Part of joined combination <i>See joining on back side</i>	rough opening		window size	
	STEP 1 Smallest measured width (round down to nearest 1/8") _____	STEP 2 Smallest measured height (round down to nearest 1/8") _____	STEP 3 Subtract 1/2" from width and height recorded in steps 1 & 2 . IMPORTANT: units with the "no flange" frame option must deduct 3/4" from the existing opening height to allow for jamb clips that are required on units wider than 47-1/2" or units with integral join posts. _____	Quantity needed of this window type: _____
Window Style & Venting Configuration <i>viewed from exterior.</i> Visit www.andersenwindows.com for more shapes and configurations.	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> single-hung <input type="radio"/> single <input type="radio"/> double <input type="radio"/> triple </div> <div style="width: 30%;"> gliding <input type="radio"/> GX0 (left sash opens) <input type="radio"/> GXOX (1/4 - 1/2 - 1/4) <input type="radio"/> GOX (right sash opens) <input type="radio"/> GXOX (equal) </div> <div style="width: 30%;"> awning <input type="radio"/> single <input type="radio"/> venting <input type="radio"/> stationary </div> </div>			
	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> casement <input type="radio"/> single <input type="radio"/> left <input type="radio"/> right <input type="radio"/> stationary <input type="radio"/> left <input type="radio"/> right <input type="radio"/> stationary </div> <div style="width: 30%;"> fixed <input type="radio"/> rectangle <input type="radio"/> specialty </div> <div style="width: 30%;"> transom <input type="radio"/> single <input type="radio"/> double <input type="radio"/> triple </div> </div> <p><small>(indicate which side the sash hinge is located as viewed from exterior)</small></p>			
Frame Option	<input type="radio"/> no flange <input type="radio"/> 1-3/8" flange setback <input type="radio"/> 1" flange setback with stucco key			
Color & Finish	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> exterior <input type="radio"/> white <input type="radio"/> Terratone® <input type="radio"/> cocoa bean <input type="radio"/> sandtone <input type="radio"/> dark bronze <input type="radio"/> black </div> <div style="width: 45%;"> interior <input type="radio"/> white <input type="radio"/> sandtone <input type="radio"/> dark bronze <input type="radio"/> black </div> </div>			
Glass Options	<div style="display: flex; justify-content: space-between;"> <div style="width: 55%;"> <input type="radio"/> non-tempered <input type="radio"/> tempered <input type="radio"/> Low-E® glass <input type="radio"/> Low-E® SmartSun™ glass <input type="radio"/> HeatLock® Technology <input type="radio"/> Other (specify) _____ </div> <div style="width: 40%;"> patterns <input type="radio"/> obscure <input type="radio"/> reed <input type="radio"/> cascade <input type="radio"/> fern </div> </div>			
Grille Style & Pattern <i>Visit www.andersenwindows.com for more shapes and configurations.</i>	<input type="radio"/> none <input type="radio"/> Finelight™ <input type="radio"/> SDL <input type="radio"/> FDL <input type="radio"/> FLE 3/4" wide between glass <input type="radio"/> specified light sketch rectangular pattern at right ➡ <input type="radio"/> prairie A			
Insect Screens	<input type="radio"/> none <input type="radio"/> fiberglass <input type="radio"/> TruScene®			
Hardware	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 100 Series <input type="radio"/> white <input type="radio"/> sandtone <input type="radio"/> satin nickel <input type="radio"/> black <input type="radio"/> antique brass </div> <div style="width: 45%;"> Slim Line (single-hung and gliding windows only) <input type="radio"/> white <input type="radio"/> sandtone <input type="radio"/> satin nickel <input type="radio"/> black <input type="radio"/> dark bronze <input type="radio"/> antique brass </div> </div> <input type="radio"/> window opening control device <i>single-hung, gliding and casement windows only.</i>			

CUSTOM SIZES
 Custom unit widths and heights are available in 1/8" increments between largest and smallest standard size units.

Notes & Sketches:

Accessories:

☐ Sloped sill adapter - 4'

☐ Sloped sill adapter - 8'

Color matched sealant

☐ white ☐ cocoa bean
☐ sandtone ☐ dark bronze
☐ Terratone® ☐ black

_____ tube(s)
 _____ case(s) of 12

(sketch grille pattern)