

HOW TO MEASURE YOUR ENTRY DOOR AND SIDELITES FOR REPLACEMENT GLASS

TYPICAL STANDARD BUILDER'S GRADE ENTRY DOORS SYSTEM:

Your existing entry door may or may not have glass already installed. Here we will show you how to measure to order your new or replacement glass for your door, and for your sidelite.

Usually, your door will have one of three different glass lengths, usually called “half”, “three quarter” or “full”. Illustrated here is a half-length which has a glass size of 22” x 36”.



TYPICAL BUILDER'S GRADE FRONT DOOR

MEASURE THE DOOR-LITE SIZE

It is very easy for the lay-person to measure for the proper size of glass for the door insert.

Measure the inside (or sightline) width and height as shown in the illustrations.

Typical measurements are as follows (within ¼”):

- For “half-height” glass: 21” x 35”
- For “three-quarter” glass: 21” x 47”
- For “full-height” glass: 19” or 21” x 63”

Note that the actual glass size (as quoted in the catalogs) is 1” larger than the dimensions above. For example, one would order a size 22” x 36” for the half-height doorlite insert.



MEASURE INSIDE WIDTH



MEASURE INSIDE HEIGHT

INSIDE DIMENSION	ACTUAL GLASS SIZE	DOOR CUTOUT SIZE	OVERALL FRAME SIZE
21” x 35”	22” x 36”	23” x 37”	24” x 38” approx
21” x 47”	22” x 48”	23” x 49”	24” x 50” approx
21” x 63”	22” x 64”	23” x 65”	24” x 66” approx
6” x 63” (sidelite)	7” x 64”	8” x 65”	9” x 66” approx

MEASUREMENT FOR ANY OTHER POSSIBLE SIZES IS ACCOMPLISHED IN THE SAME MANNER.

MEASURE A DIRECTLY-GLAZED SIDELITE OR TRANSOM

Common subdivision or builder-grade front entry doors use sidelites which are directly glazed; that is, the glass is mounted directly into the wooden frame. Transom glass overhead is mounted in the same fashion.

In order to determine the exact size of glass to be ordered (these are rarely standardized), refer to the illustration below:



FOR DIRECT-GLAZED SIDELITES OR TRANSOMS:
Measure the *EXACT* inside-frame dimension and order glass 1/4" smaller in order to fit.
DO NOT measure the sightline of the glass

The glass in your sidelites and transoms are normally held in with wooden mouldings.

It is important NOT to measure the glass sightline as shown with the measurement marked with a red "X".

One must determine the exact size of the tight opening into which the glass fits as shown with a green tick ✓

Once the width and height is measurement, deduct 1/4" to 3/8" from this size to give the actual glass size to be ordered.

In our example, the tight measurement is 7". Therefore, you would order a glass 6¾" in width.