

TITAN

Premium Security Doors

How to Measure

Figure 1 Brick Molding - Surface Mount

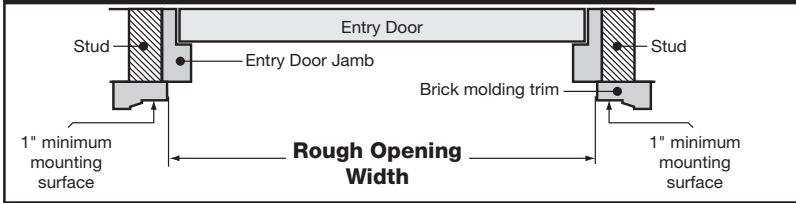


Figure 1a Brick Molding - Recessed Mount

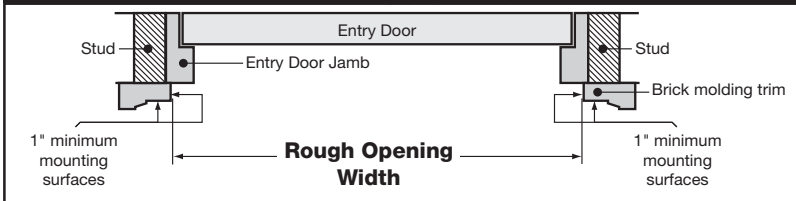


Figure 2 Stucco 1 - Mounted between stucco pop-outs - Surface Mount

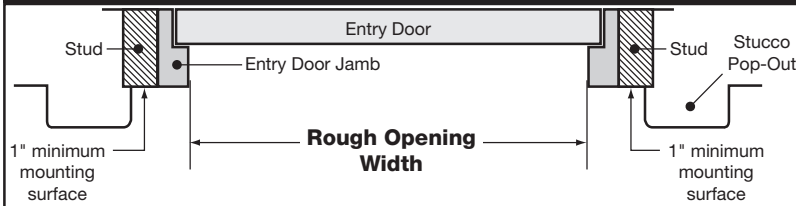


Figure 3 Stucco 2 - Mounted to front surface of stucco pop-outs - Surface Mount

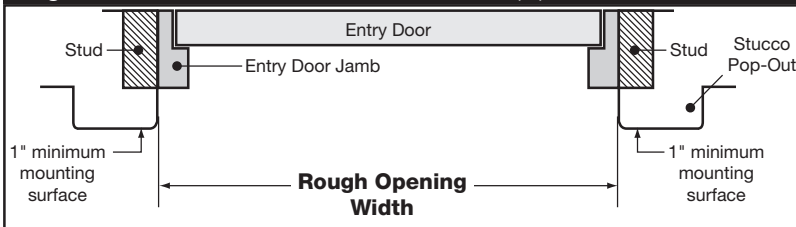


Figure 4 Flat Trim - Surface Mount

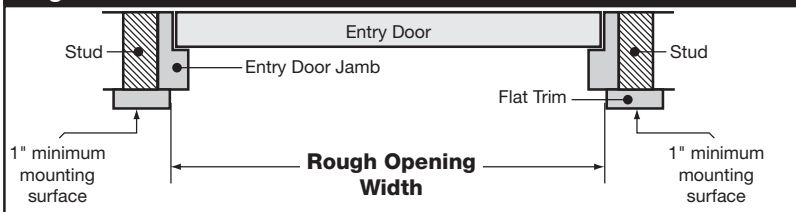
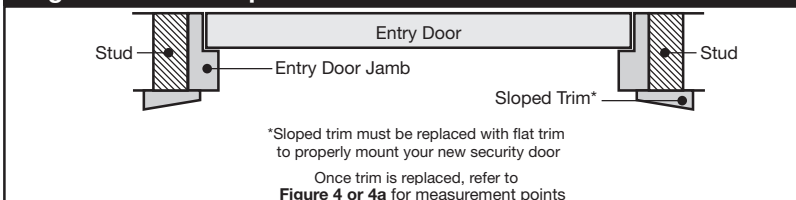


Figure 5 Sloped Trim



1

Inspect Entryway for Obstructions

Check for any obstructions above and around the entryway that may interfere with the swing of the security door, such as: light fixtures, door bell, low overhang, door handle of existing entry door*, or vegetation.

*See **Step 4** on the next page for further details regarding the handle height.

2

Determine Mounting Method (Surface or Recessed Mount) and Rough Opening Width Measure Points

The security door will require a minimum mounting surface of 1" on the trim above and on both sides of the entry door (1" depth also required for recessed mount). Mounting screws must be secured to a stud in the wall. Review **Figures 1-5** to determine which mounting method you can and wish to use and the rough opening measurement.

Typical Surface Mount



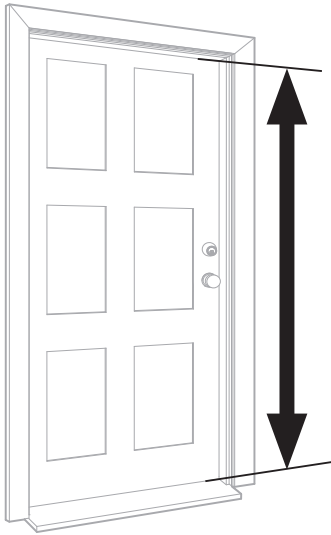
Typical Recessed Mount



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3

Measure for Rough Opening Height

Measure from the bottom edge of the mounting surface to the existing threshold of your entry door and enter on the measurement worksheet on the following page.

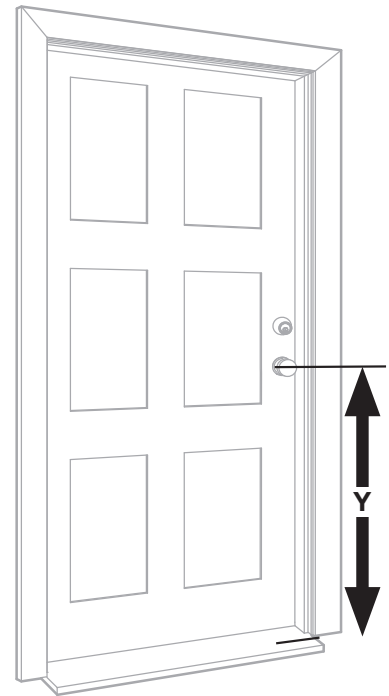
4

Check Handle Height

Standard security door handle height is $39\frac{1}{2}$ ". To check for potential interference with your main entry door handle, measure from the threshold to the center of the handle (Y). A measurement within $38\frac{1}{2}$ "- $40\frac{1}{2}$ " inches may result in interference. To ensure you avoid interference issues in this instance, you may:

- Mount your security door with an opposite swing
- Build out the trim on your mounting surface to create clearance

Note: Paddle style handles feature a profile less likely to cause interference than knob style handles... if measurements indicate you may be close to an interference issue, keep this in mind when selecting your security door handle set.



5

Measure for Rough Opening Width

Measure for the rough opening you identified in Step 2 (Figures 1-5). Measure the top, middle and the bottom of the door opening. The smallest of the three measurements will be your rough opening width. Enter that measurement on the measurement worksheet and follow the instructions to determine if a standard size door will fit.





Premium Security Doors

Measurement Worksheet

Instructions:

Determine which fit range your measurements fall within and order that standard size door.

Standard size door

SURFACE MOUNT

Monte de superficie

Door Size Tamaño de la Puerta	* Rough Opening Width Fit Range Anchura de apertura irregular de ajuste	Your Rough Opening Width El ancho de la abertura	* Rough Opening Height Fit Range Altura aproximada de ajuste	Your Rough Opening Height La altura de apertura irregular
30" x 80"	29-1/2" - 30-1/2"		79-3/4" - 81-3/4"	
32" x 80"	31-1/2" - 32-1/2"		79-3/4" - 81-3/4"	
36" x 80"	35-1/2" - 36-1/2"		79-3/4" - 81-3/4"	
36" x 96"	35-1/2" - 36-1/2"		95-3/4" - 97-3/4"	
60" x 80"	59-1/2" - 60-1/2"		79-3/4" - 81-3/4"	
72" x 80"	71-1/2" - 72-1/2"		79-3/4" - 81-3/4"	

RECESSED MOUNT

Monte de recreo

Door Size Tamaño de la Puerta	* Rough Opening Width Fit Range Anchura de apertura irregular de ajuste	Your Rough Opening Width El ancho de la abertura	* Rough Opening Height Fit Range Altura aproximada de ajuste	Your Rough Opening Height La altura de apertura irregular
30" x 80"	29-7/8" - 30-3/8"		80" - 80-1/2"	
32" x 80"	31-7/8" - 32-3/8"		80" - 80-1/2"	
36" x 80"	35-7/8" - 36-3/8"		80" - 80-1/2"	
36" x 96"	35-7/8" - 36-3/8"		96" - 96-1/2"	
60" x 80"	59-7/8" - 60-3/8"		80" - 80-1/2"	
72" x 80"	71-7/8" - 72-3/8"		80" - 80-1/2"	

* Wider rough opening measurements within the fit range may require shimming or filler wood.