

HOW TO MEASURE FOR ENTRY DOOR SYSTEMS

IMPORTANT! PLEASE READ

PROPER MEASUREMENTS ARE EXTREMELY IMPORTANT FOR ORDERING A NEW ENTRY DOOR SYSTEM

NOTE THAT “BRICK TO BRICK” MEASUREMENTS, WHILE IMPORTANT, IS NOT ENOUGH!

Referring to the diagrams shown on Page 4, you will note that you must specify to us the “rough stud opening” as this is where the door frame fits into. The rough stud opening, or R.S.O. for short, can easily be measured by removing the interior “casing moulding”, to expose the wall studs and existing door frame. The *Width and Height* must be specified. From this, you must specify to us what “frame size” you will require. See the sizing charts on the following page to find the closest “standard” size which can be fitted.

If your outside wall is siding, stucco, or brick/block (double brick) construction, you may, or may not need to order your system with brick moulding on the exterior. A box frame of the proper depth, either 4 5/8” or 6 5/8” as required, may be sufficient in these cases. Also note that depending on the construction of your sub-sill, you may need to order sill or threshold extensions. Regular door sills when used with brickmould are usually 1” deeper than the jamb width.

ENTRY DOOR SYSTEMS FRAME & BRICKMOULD SIZE CHARTS

NOTE: SIZES SHOWN ARE NOMINAL, WITHIN A TOLERANCE OF $\pm 1/4$ "

| | |
|--|--|
| <p>Frame Height: Inswing: 81½" (= door + 2½") Outswing: 81" (= door + 2")</p> <p>Sidelite Standard Frame Widths: Steel: 13½", 15¼", 18¼" Kickpanel with 7" x 64" glass: 8 5/8"</p> | <p>Brick Mould Sizes:</p> <p>1 5/8" Standard Mould: Width = Frame + 1¾" Height = Frame + 7/8"</p> <p>2" PVC or Composite Mould: Width = Frame + 2½" Height = Frame + 1¼"</p> |
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SINGLE DOOR SYSTEMS - WITH STANDARD STEEL SIDELITE PANELS

| Nominal Door Width | Door Only | | Nominal Door Width | Door + 1 HINGED Sidelite | | |
|--------------------|-----------|------------|--------------------|--------------------------|--------------|--------------|
| | Frame | Brickmould | | 12" Sidelite | 14" Sidelite | 17" Sidelite |
| 30" | 31.25 | 33 | 30" | 44¼ | 46 | 49 |
| 32" | 33.25 | 35 | 32" | 46¼ | 48 | 51 |
| 34" | 35.25 | 37 | 34" | 48¼ | 50 | 53 |
| 36" | 37.25 | 39 | 36" | 50¼ | 52 | 55 |

| Nominal Door Width | Frame Size: Door + 1 Sidelite | | | Frame Size: Door + 2 Sidelites | | |
|--------------------|-------------------------------|--------------|--------------|--------------------------------|--------------|--------------|
| | 12" Sidelite | 14" Sidelite | 17" Sidelite | 12" Sidelite | 14" Sidelite | 17" Sidelite |
| 30" | 44.75 | 46.5 | 49.5 | 58.25 | 61.75 | 67.75 |
| 32" | 46.75 | 48.5 | 51.5 | 60.25 | 63.75 | 69.75 |
| 34" | 48.75 | 50.5 | 53.5 | 62.25 | 65.75 | 71.75 |
| 36" | 50.75 | 52.5 | 55.5 | 64.25 | 67.75 | 73.75 |

SINGLE DOOR SYSTEMS USING S-11 (KICK PANEL) SIDELITES WITH STANDARD 7" x 64" GLASS

| | Nominal Door Width | Door + One Sidelite | | Door + Two Sidelites | |
|--|--------------------|---------------------|------------|----------------------|------------|
| | | Frame | Brickmould | Frame | Brickmould |
| | 30" | 40 | 41.75 | 48.75 | 50.5 |
| | 32" | 42 | 43.75 | 50.75 | 52.5 |
| | 34" | 44 | 45.75 | 52.75 | 54.5 |
| | 36" | 46 | 47.75 | 54.75 | 56.5 |

DOUBLE DOOR SYSTEMS

| Nominal Door Width | Double Door Only | | 2-Door + 2, 12" Sidelites | | 2-Door + 2, 14" Sidelites | |
|--------------------|------------------|------------|---------------------------|------------|---------------------------|------------|
| | Frame | Brickmould | Frame | Brickmould | Frame | Brickmould |
| 30" | 62 | 63.75 | 89 | 90.75 | 92.5 | 94.25 |
| 32" | 66 | 67.75 | 93 | 94.75 | 96.5 | 98.25 |
| 34" | 70 | 71.75 | 97 | 98.75 | 100.5 | 102.25 |
| 36" | 74 | 75.75 | 101 | 102.75 | 104.5 | 106.25 |

HERE IS A SOLUTION FOR THOSE NON-STANDARD 48" and 60" ENTRY DOOR SIZES

In order to avoid the relatively high cost
Of using custom size glass for sidelites, we can do the following:

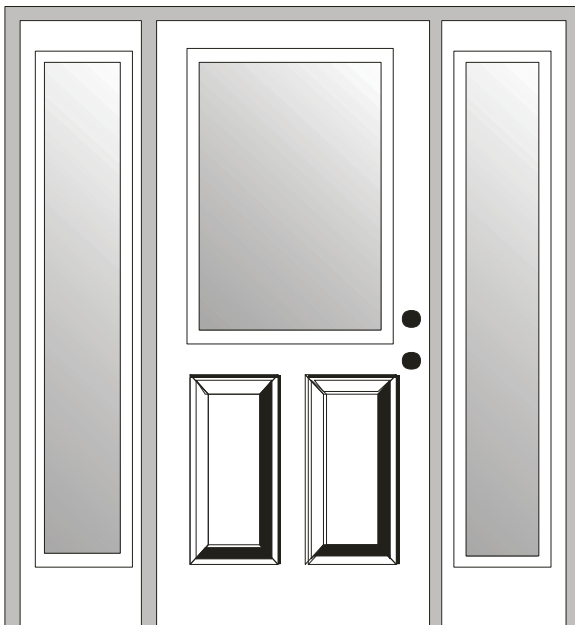
CRITERIA:

- The sidelite glass **MUST** be the standard 7" x 64" size
- You may use any door-lite size in the main door
- The steel sidelite panels will be custom cut in width to the minimum possible to accommodate the 7" x 64" glass

THE RESULTING **MINIMUM** SIZES ARE SHOWN IN THE TABLE BELOW:

****Widths can be increased by up to 1³/₄" for single sidelites,
and by up to 3¹/₂" for double sidelites****

| DOOR SIZE | SYSTEM WITH TWO SIDELITES | | SYSTEM WITH ONE SIDELITE | |
|-----------|---------------------------|------------|--------------------------|------------|
| | FRAME | BRICKMOULD | FRAME | BRICKMOULD |
| 30" | 54 5/8 | 56 3/8 | 43 | 44 3/4 |
| 32" | 56 5/8 | 58 3/8 | 45 | 46 3/4 |
| 34" | 58 5/8 | 60 3/8 | 47 | 48 3/4 |
| 36" | 60 5/8 | 62 3/8 | 49 | 49 3/4 |

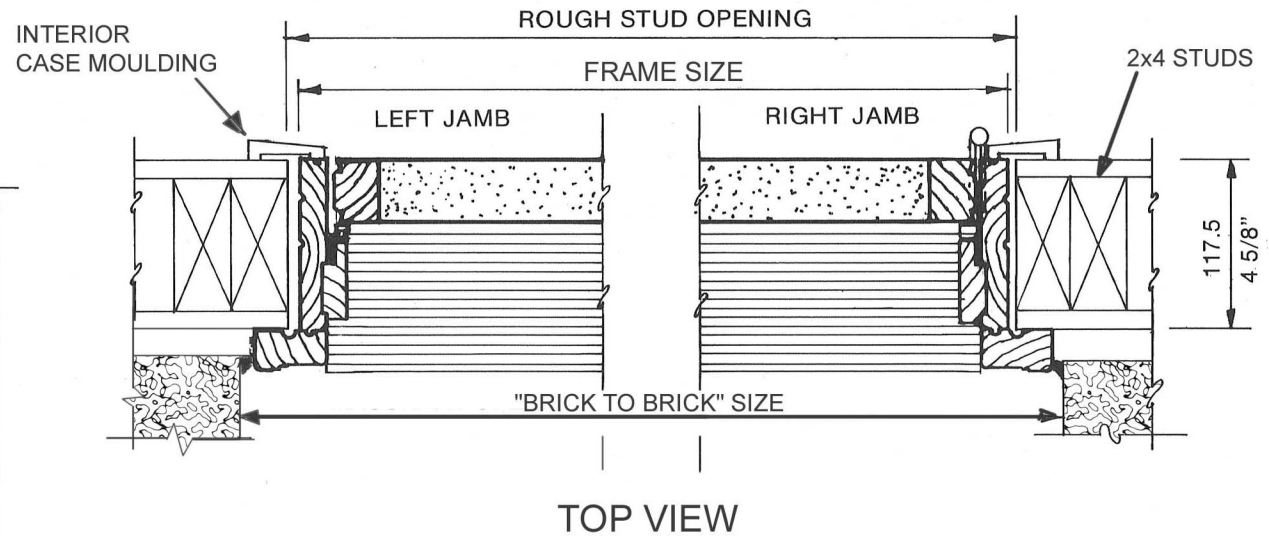
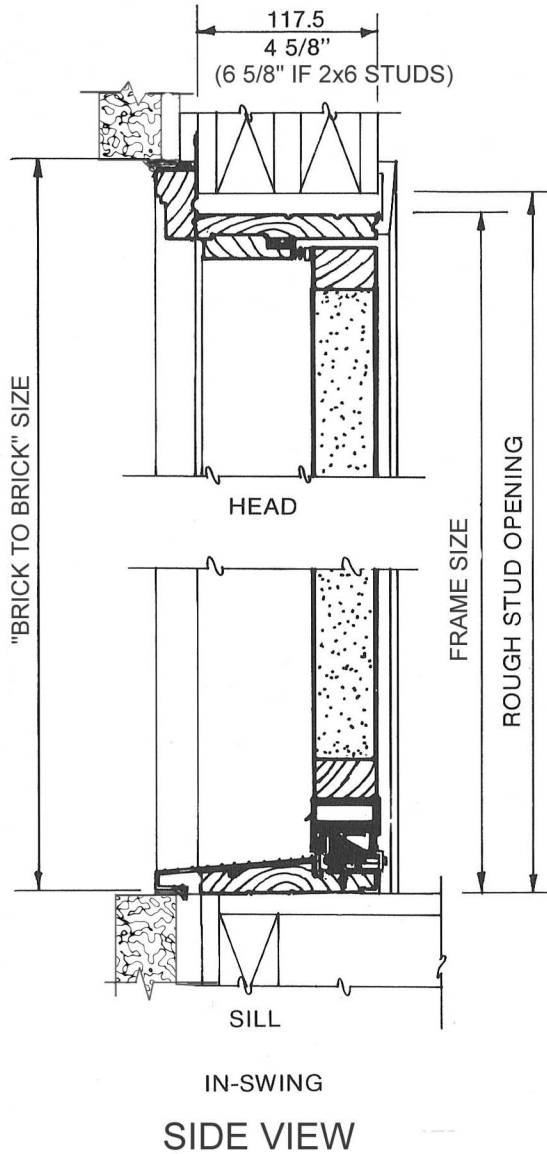


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TYPICAL ENTRY DOOR INSTALLATION IN COMMON BRICK VENEER WALL

SCALE = 1:5

(APPROX. 3" = 1'-0")



****NOTE:** with this type of wall, the brick to brick size is typically larger than the rough stud opening by approx. 2" in width and 1" in height. This is most important when measuring for a new entry system. Always remove the interior casing to measure rough stud opening before ordering

DOOR HANDING VARIATIONS - TOP VIEWS ARE SHOWN:

