

IDP Entry-Fit™ Steel Door Frames

Installation Instructions

Sidelites



INTERNATIONAL DOOR PRODUCTS

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Rough Opening

(Figure 1)

Step 1

Verify that the opening is plumb, square and level. To determine rough opening, begin by adding $1\frac{1}{4}$ " to the nominal width of the door. Next, add the nominal width of the glass insert and finish by adding 2" per mullion (Example for a 3/0 door with an 18" sidelite: $1\frac{1}{4}" + 36" + 18" + 2" = 57\frac{1}{4}"$)

Step 2

Add $\frac{1}{2}$ " to net height of frame for rough opening height. (Example: $80" + \frac{1}{2}" = 80\frac{1}{2}"$ H)

Installation of Sill

(Figure 1)

Sidelite Sill

Step 1

Our sidelites use an inverted header piece beneath the glass (aka "Sidelite sill" or simply "Sill"). The rabbet on this piece is to be 2" off the floor, so a supporting block is required (~1.5" high works well). This support should extend no more than 1.5" past the nominal edge of the sidelite sill to avoid interfering with the vertical mullion.

Step 2

Install sill on floor next to stud on glass jamb side.

Mullion Clip Installation

Step 1

Select frame members that will receive mullion brackets (head on elevation shown). Determine center line of mullion and scribe a line across the rabbets. (Figure 3)

Important: All measurements should be made from the same end of the frame sections in the installed position.

Step 2

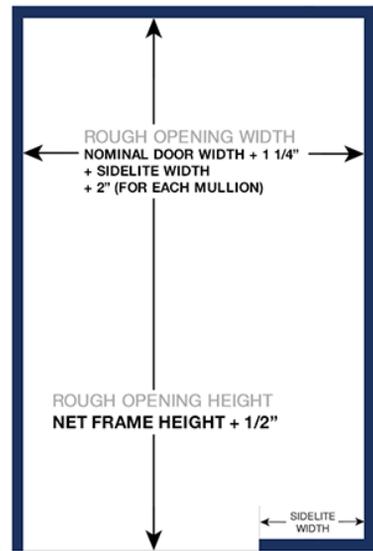
Position mullion bracket so scribe line centers in diamond window and the straight tab rests firmly against the stop on both rabbets.

(Figure 4)

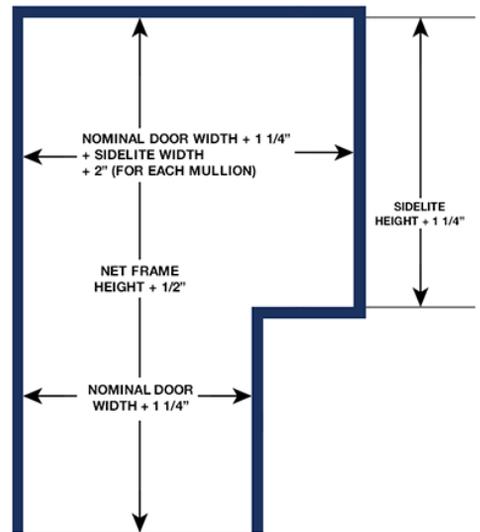
Step 3

Install screws as shown

(Figure 5)



STANDARD SIDELITE
ROUGH OPENING



PARTIAL SIDELITE
ROUGH OPENING

FIGURE 1

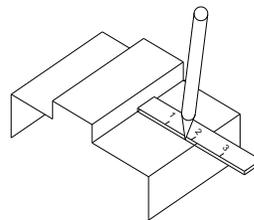


FIGURE 3

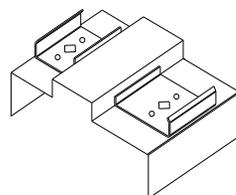


FIGURE 4

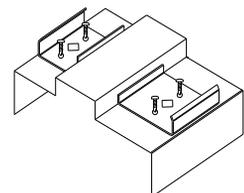


FIGURE 5

Installation of Frame

Step 1

Sleeve top header over wall
(Figure 4).

Step 2

Sleeve bottom header over sill.

Step 3

Sleeve upright members over wall
(Figure 5).

Step 4

Position mullion post on sill.
(Figure 6)

Step 5

Bring top header down to upright sections, locking them together with alignment tabs and fitting mullion brackets into the mullion post

Step 6

With a self-drilling screw, attach mullion to mullion clip and sill on both sides. (Figure 6)

Step 7

Hang door and align for squareness.

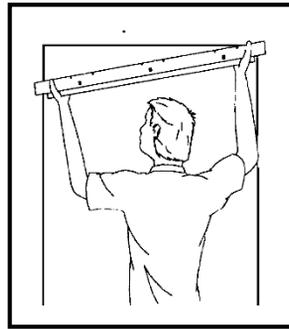


FIGURE 4

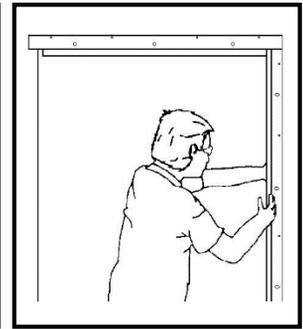


FIGURE 5

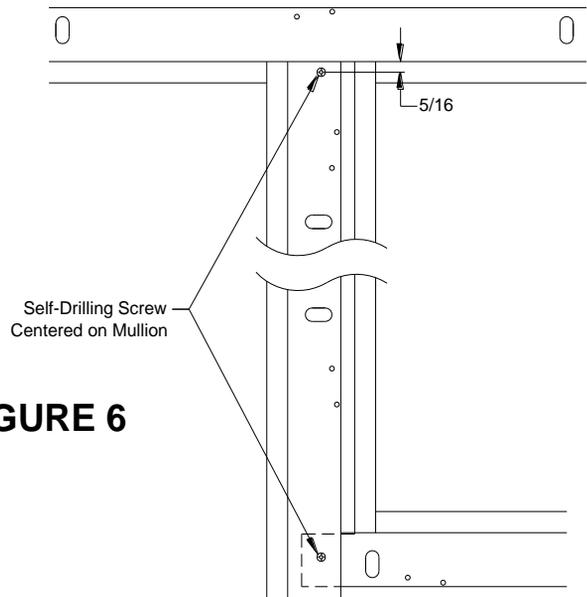
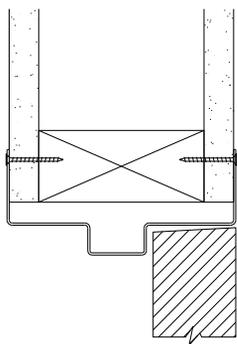


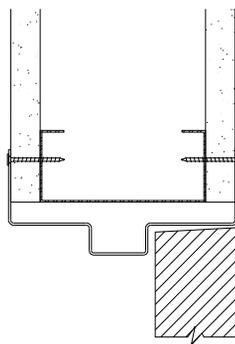
FIGURE 6

Fastening Instructions

(Figure 7)



Wall Construction
Wood Studs & Drywall
Recommended Fasteners:
1-1/4" (min.)
Drywall screws
Course thread
or
6d common nails



Wall Construction
Metal Studs & Drywall
Recommended Fasteners:
1-1/4" (min.) Type
"S" Bugle Head Self-
Tapping Screws

FIGURE 7

Fasten unit to wall as follows (Figure 11):

Step 1

To secure header, fasten header above hinge upright and proceed toward strike side. Apply one (1) fastener per nail / screw hole.

(Figure 12)

Step 2

To secure sill, apply one fastener per nail /screw hole.

Step 3

To secure hinge upright, proceed downward from upper end of hinge upright. Apply one (1) fastener per nail / screw hole (Figure 12).

Step 4

To secure upright (glass), proceed downward from upper end of glass upright. Apply one fastener per nail / screw hole.

Step 5

Install glass, glazing and glass stop

Step 6

Install casing by following the Spring Clip Snap-On Casing Installation Instructions or by the Post-Install Snap-On Casing Installation Instructions.

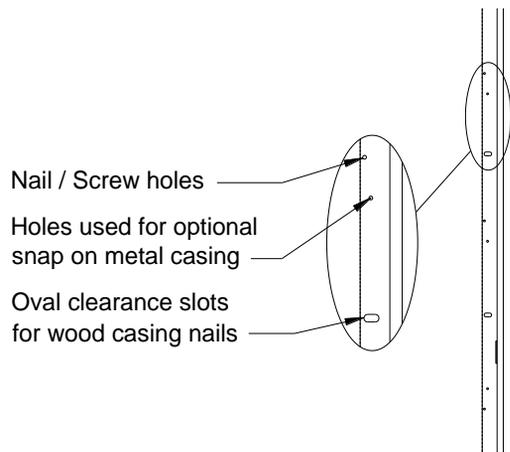


FIGURE 12