

## EXISTING MASONRY WALL INSTALLATION DETAILS

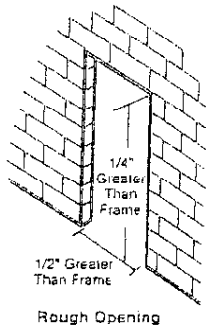
### INSTALLING FRAME

Details are for frames using a combination shield and screw supplied by Steelcraft.

If using a combination shield and screw not supplied by Steelcraft or if you are using separate expansion shields and machine screws please see the instructions accompanying the fasteners.

### ROUGH OPENING

The rough opening instructions shown at the left should give you adequate clearance to install the frame.

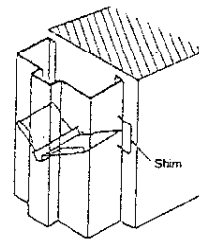
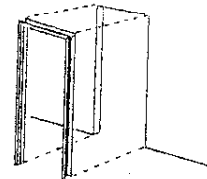


### INSTALL FRAME

- Place frame in opening. Roughly check frame for squareness and plumbness.
- Using frame as a template\*, drill  $3/8"$  dia. x  $2-1/2"$  deep hole in wall.

ALTERNATE using frame as a template, mark wall through holes in jambs. Remove frame and drill  $3/8"$  dia. x  $2-1/2"$  deep holes at marks\*. Replace frame in opening.

- Install anchors (combination shield and screw) and tighten as required.
- Shim jambs behind anchors above screws to obtain proper door opening width. Make shims from 16 and/or 12 gage galvanized steel. Shims should be 2" wide x frame jamb depth minus (-)  $1/8"$ .



\* Hole specified is for shield supplied by Steelcraft.  
If another fastener is being used, drill wall as specified for that shield.

### ALTERNATE WITH SEPARATE EXPANSION SHIELD AND MACHINE SCREWS

- Place frame in opening. Roughly check frame for squareness and plumbness.
- Using frame as a template mark wall through holes in jambs.
- Remove frame and drill holes at marks on wall (hole dia. and hole depth as specified for fastener).
- Install expansion shields in wall.
- Replace frame in opening and anchor to wall with machine screws through dimpled holes.
- Shim jambs behind anchors as described above.


### GENERAL NOTES

- Maximum fire rating three hours.
- Frame are not required to be grouted full.
- Fill gap between frame and wall with pure silicone caulk, intumescent caulk, or grout.

REVISED

APR 14 2003

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REVISIONS:	DATE	DRAWING DESCRIPTION	DRAWN BY	DATE
NEW	2-28-03	INSTALLATION DETAILS FOR EXISTING MASONRY WALLS FOR F, FC, FN, FS, FP, MU, MC FE, &DE SERIES FRAMES	JPD	2-28-03
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