

Typical Installation Instructions For F1300 Fire Rated Mullion



Installation:

Step 1: Measure door opening from finished floor to bottom of stop at centerline of doors. (See Fig. 1) Subtract 2" from this dimension for mullion length. Measure and cut mullion from opposite end marked "Do not cut".

Step 2: Use bottom fitting as template; Mark and drill (2) 3/8" dia. x 2 1/2" deep holes. Insert (2) 3/8"-16 x 3" stud anchors, and secure bottom fitting with (2) washers and (2) 3/8"-16 nuts provided with anchors.

Step 3: Use top fitting as template; Mark and drill (4) .257 dia. holes and tap for (4) 5/16"-18 thread. Install top fitting and secure with (4) 5/16"-18 x 1 1/2" F.H.P.M.S.

Step 4: Insert mullion upward into top fitting, tilt slightly, pushing upward slide bottom of mullion over bottom fitting and allowing it to settle over fitting.

Step 5: Secure mullion in place by tightening the (2) set screws in the top and bottom fittings.

Step 6: Mount mullion stabilizers as shown in Fig. 4 below. Drill (8) .180 dia. holes and tap for 12-24 thread. Secure using (8) 12-24 x 3/4" R.H.P.M.S.

Step 7: Install exit device and strike using template and instructions packaged in carton.

Note: If stop is less than 3" in width, blocking must be supplied by others.

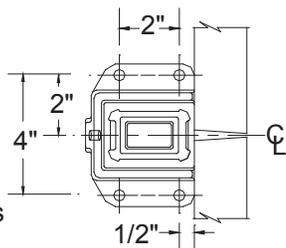


Fig. 3

Reinforcement by door manufacturer.

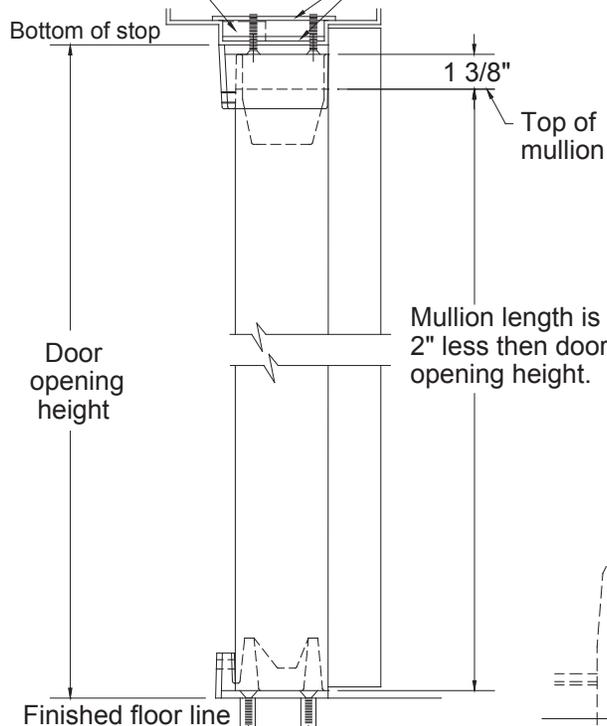


Fig. 1

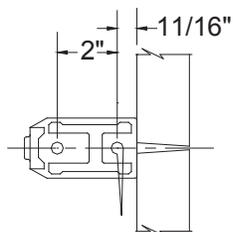


Fig. 2

Models: F9300 & F9700

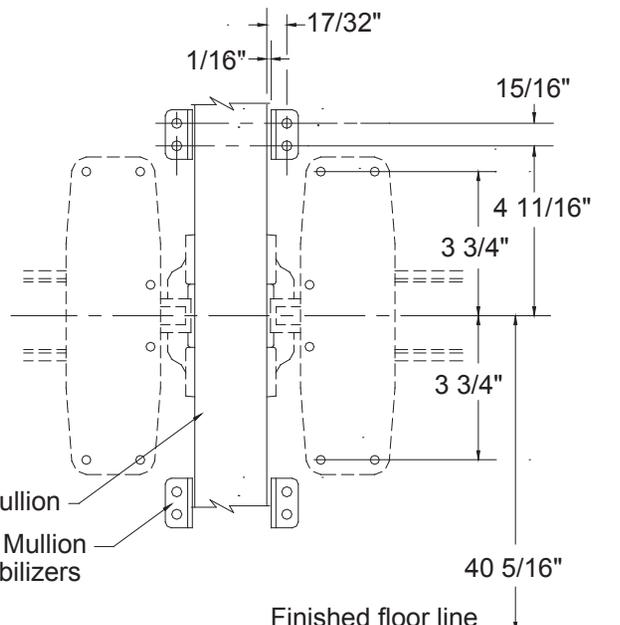


Fig. 4

Model: F8300

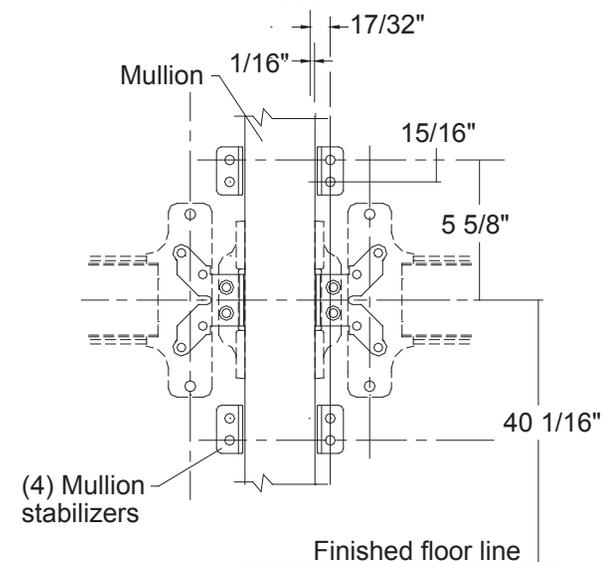
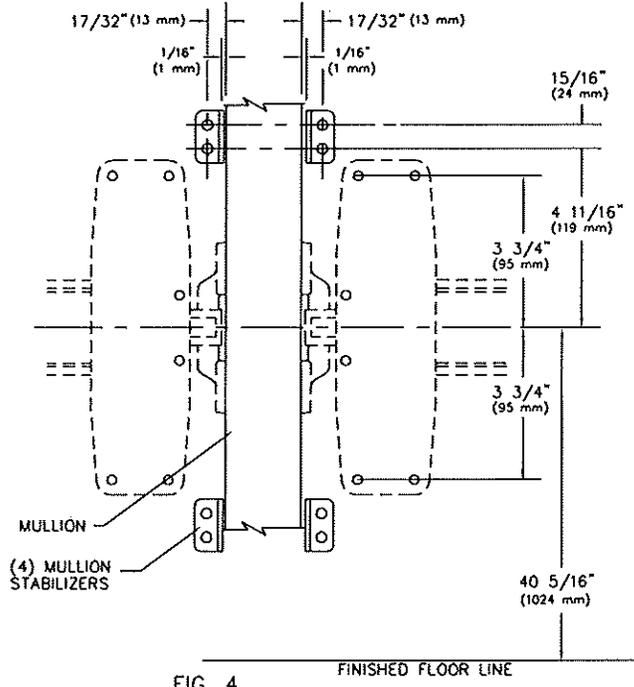
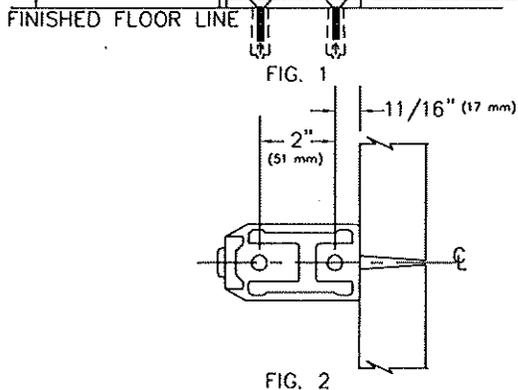
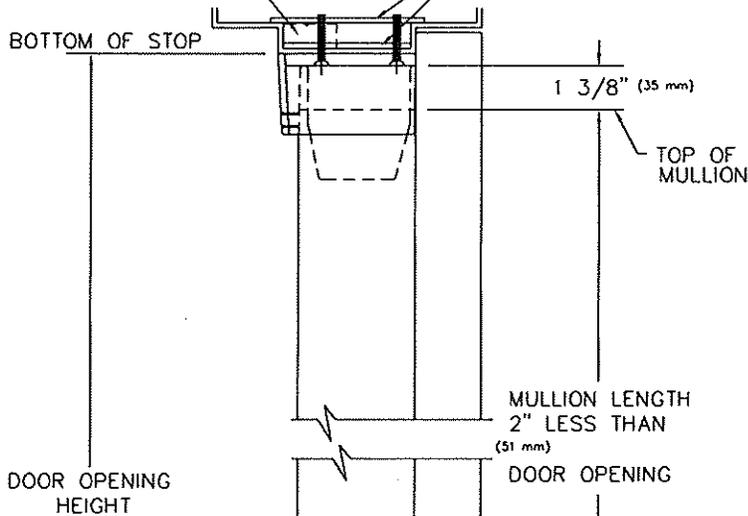
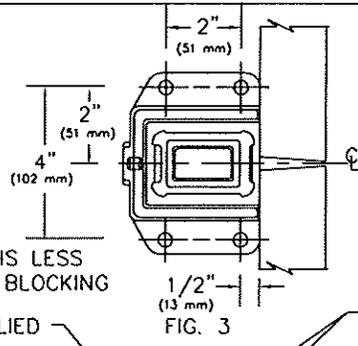


Fig. 4

F1300 FIRE MULLION INSTALLATION

- Step 1** MEASURE DOOR OPENING FROM FLOOR TO BOTTOM OF STOP AT CENTERLINE OF DOORS (SEE FIG. 1). SUBTRACT 2" FROM DOOR OPENING DIMENSION TO GET LENGTH OF MULLION. MEASURE AND CUT MULLION OPPOSITE THE END MARKED "DO NOT CUT".
- Step 2** USE THE BOTTOM FITTING AS A TEMPLATE AND PLACE IT ON THE FLOOR AGAINST THE DOORS LINING UP CENTERLINES AS SHOWN IN FIG. 2. MARK AND DRILL (2) 3/8" DIA. HOLES 2 1/2" IN DEPTH. INSERT (2) 3/8" STEEL STUD ANCHORS.
- Step 3** USE THE TOP FITTING AS A TEMPLATE AND PLACE IT AT THE TOP OF THE DOOR OPENING (BOTTOM OF STOP) LINING UP CENTER LINES AS SHOWN IN FIG. 3. MARK AND DRILL (4) .257 DIA. ("F" DRILL) HOLES. NOTE: BE SURE AND DRILL THROUGH HEAD-FRAME AND UPPER REINFORCEMENT, SEE (FIG. 1). TAP FOR 5/16" - 18 THREAD. DO NOT INSTALL TOP FITTING.
- Step 4** WITH MULLION TILTED SLIGHTLY, INSERT ONE END INTO BOTTOM FITTING AND PLACE TOP FITTING ON OTHER END. TILT MULLION UP-RIGHT INTO PLACE AND SECURE TOP FITTING WITH (4) 5/16" - 18 x 1/2" F.H.P.M.S.
- Step 5** MAKE SURE MULLION IS SEATED IN BOTTOM FITTING. TIGHTEN SET SCREWS IN BOTH FITTINGS SO MULLION WILL NOT MOVE. NOTE: THERE SHOULD BE A 1 3/8" GAP BETWEEN TOP OF MULLION AND TOP FITTING FLANGE.
- Step 6** MOUNT STABILIZERS AS SHOWN IN (FIG. 4). DRILL (8) HOLES .180 DIA. (#15 DRILL) AND SECURE STABILIZERS WITH (8) 12-24 x 3/4" R.H.P.M.S.
- Step 7** INSTALL EXIT DEVICE USING TEMPLATES PACKAGED IN CARTON.

NOTE:
IF DOOR STOP IS LESS THAN 3" WIDE, BLOCKING MUST BE SUPPLIED BY OTHERS.



REV. No. 3

REVISION: Anchor change

DATE: 4-1-11



F1300 MULLION WITH
WITH F9700 & F9300 SERIES

TEMPLATE NUMBER
T-4011 ③

F1300 FIRE MULLION INSTALLATION

Step 1 MEASURE DOOR OPENING FROM FLOOR TO BOTTOM OF STOP AT CENTERLINE OF DOORS (SEE FIG. 1). SUBTRACT 2" FROM DOOR OPENING DIMENSION TO GET LENGTH OF MULLION. MEASURE AND CUT MULLION OPPOSITE THE END MARKED "DO NOT CUT".

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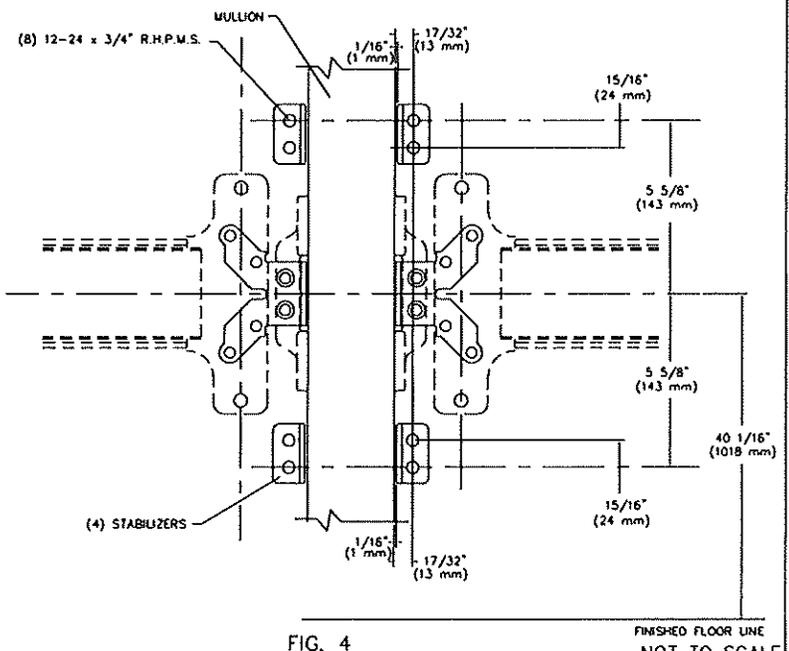
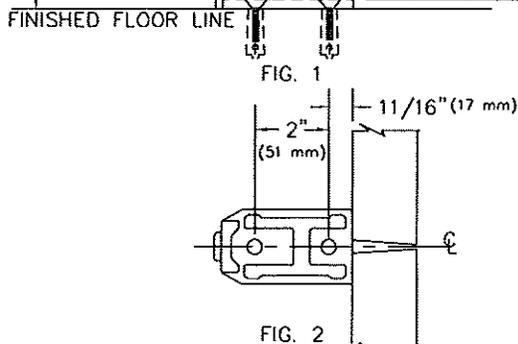
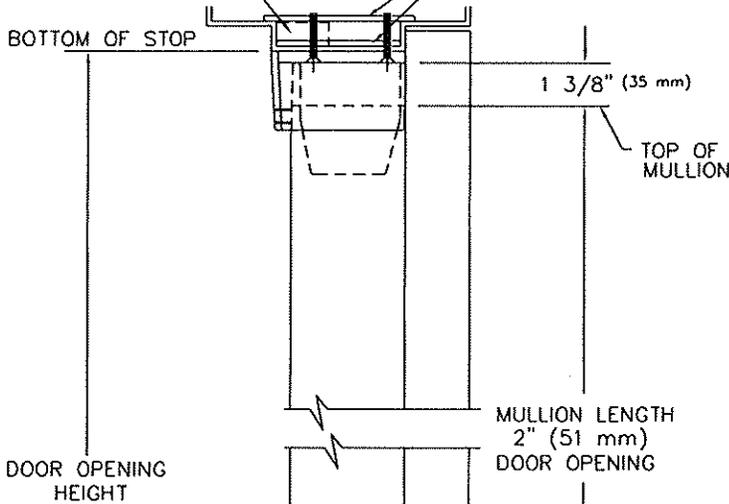
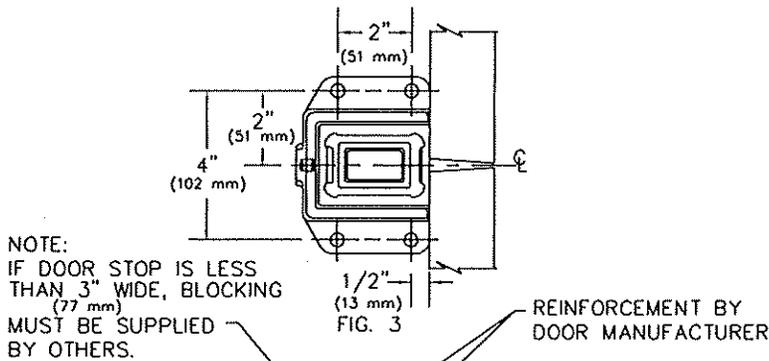
Step 3 USE THE TOP FITTING AS A TEMPLATE AND PLACE IT AT THE TOP OF THE DOOR OPENING (BOTTOM OF STOP) LINING UP CENTERLINES AS SHOWN IN FIG. 3. MARK AND DRILL (4) .257 DIA. ("F" DRILL) HOLES. NOTE: BE SURE AND DRILL THROUGH HEAD-FRAME AND UPPER REINFORCEMENT, SEE (FIG. 1). TAP FOR 5/16" - 18 THREAD. **DO NOT INSTALL TOP FITTING.**

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Step 6 MOUNT STABILIZERS AS SHOWN IN (FIG. 4). DRILL (8) HOLES .180 DIA. (#15 DRILL) AND SECURE STABILIZERS WITH (8) 12-24 x 3/4" R.H.P.M.S.

Step 7 INSTALL EXIT DEVICE USING TEMPLATES PACKAGED IN CARTON.



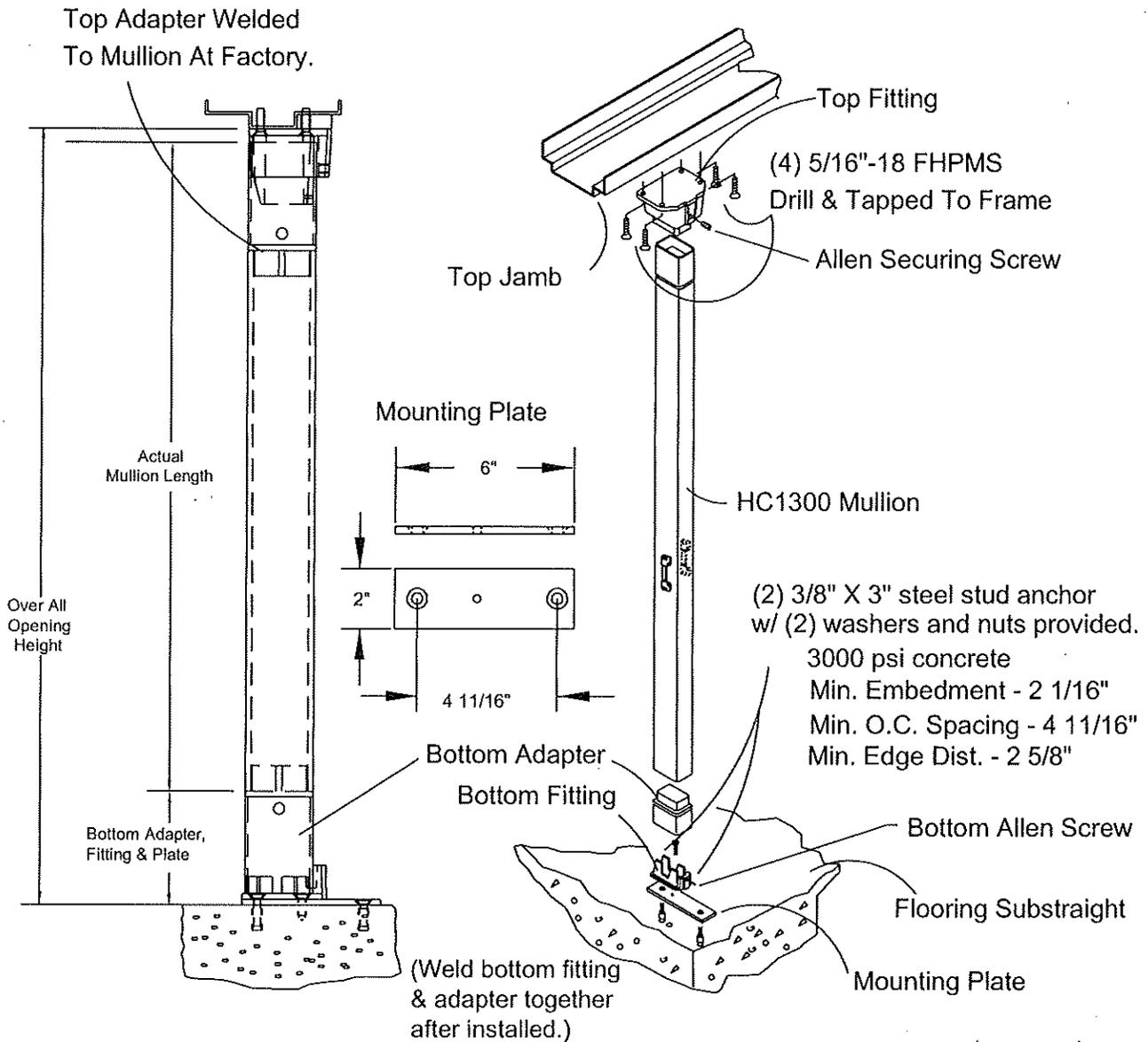
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F1300 MULLION
WITH F8300 SERIES

TEMPLATE NUMBER
T-4010③

HC1300 MULLION INSTALLATION

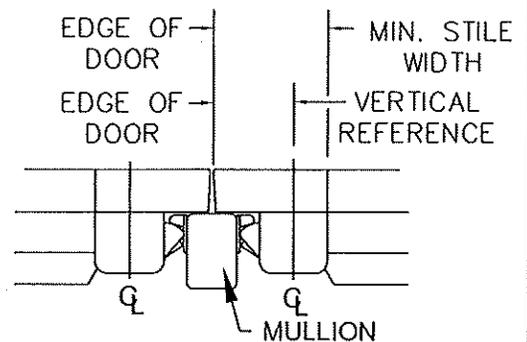


Mark out center of doors. Using top fitting as template locate and mark holes for top fitting.
 Locate bottom fitting location and use mounting plate for hole template.
 Install two anchors as shown. Install bottom fitting as shown. Plate bottom adapter over bottom fitting as shown.
 Cut mullion to length (if required) per below.

Cutting Instructions:

For 8' door opening cut long portion of mullion tube to 88 3/4".
 For 7' door opening cut long portion of mullion tube to 76 3/4".
 Cut mullion to length from bottom end.

Slide mullion up on to top fitting and allow it to drop down on to top of bottom adapter. Secure top of mullion with allen screw in top fitting, bottom mullion adapter with allen screw in bottom fitting.



MULLION	STRIKE	VERT. REF.	MIN. STILE
HC1300	ALL	3 11/32" (85 mm)	4 25/32" (121 mm)

DO NOT SCALE

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HC1300 Mullion Assy.

T-4013