

Installation Sequence

- 1 Close both doors. Find centerline between both doors and mark line perpendicular to doors on soffit or header. Drop plumb line to floor and mark line on floor perpendicular to doors. This is the centerline of mullion.

- 2 Determine soffit and floor applications.

Bottom Support — Floor Mounted

- 1 Using bottom mullion support as template, center support on marked line 1/16" from closed door with leg of mullion support opposite to door.

- 2 Spot and prepare (2) screw anchor holes.

- 3 Install mullion support to floor.

Top support — Rabbetted Frame (Figure 1)

- 1 Using top mullion support as template, center support on mark on soffit flush with door side of stop.

- 2 Spot and prepare holes.

Note: Angle bracket or block may be required.

- 3 Install mullion support to soffit, with angle bracket or block if used.

Installing Mullion (Figure 2)

- 1 To determine mullion length, measure distance from floor to surface upon which top mullion support is mounted. Use this dimension minus (-) 1-3/4" for cutting mullion.

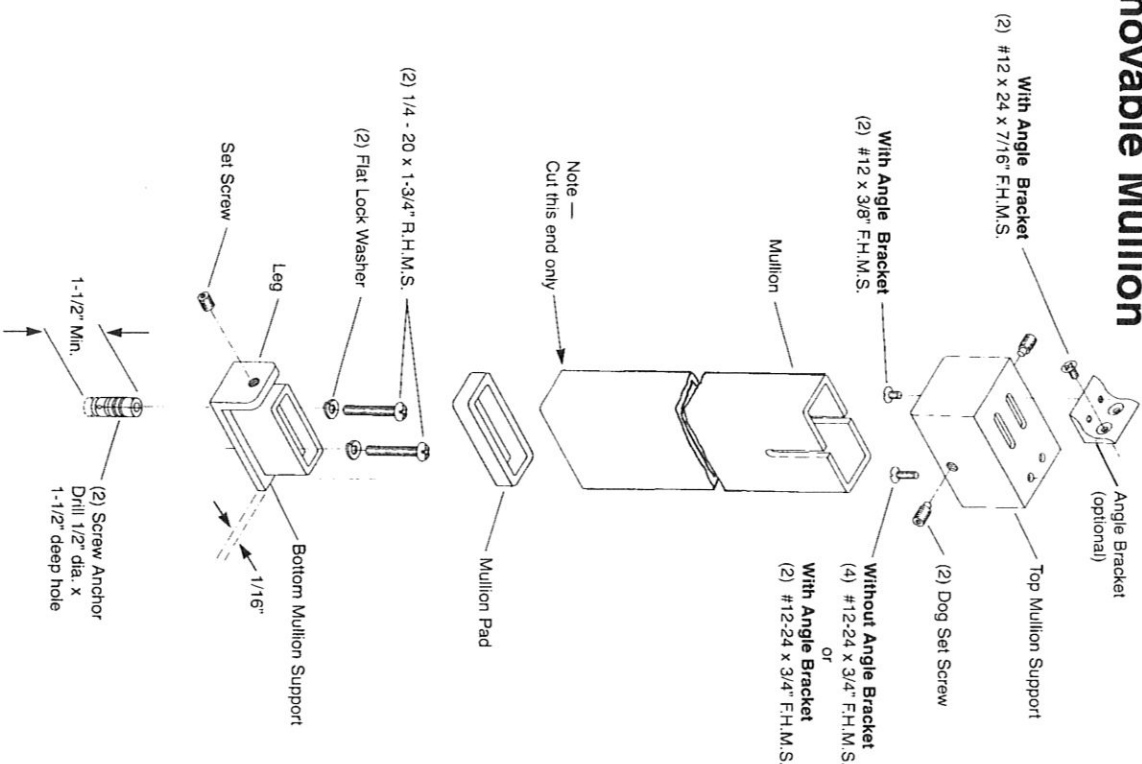
- 2 Install mullion pad onto bottom mullion support.

- 3 Install mullion into supports. Tighten set screws.

FM188A (617350629) rev. 9/95

Installation Instructions

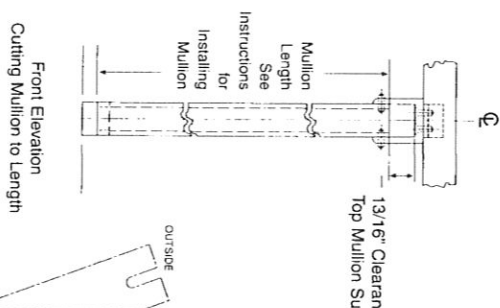
707A, 708A, 710 Removable Mullion



Spacer Block to suit door frame by others when required



Double Rabbetted Frame Single R
Figure 1.



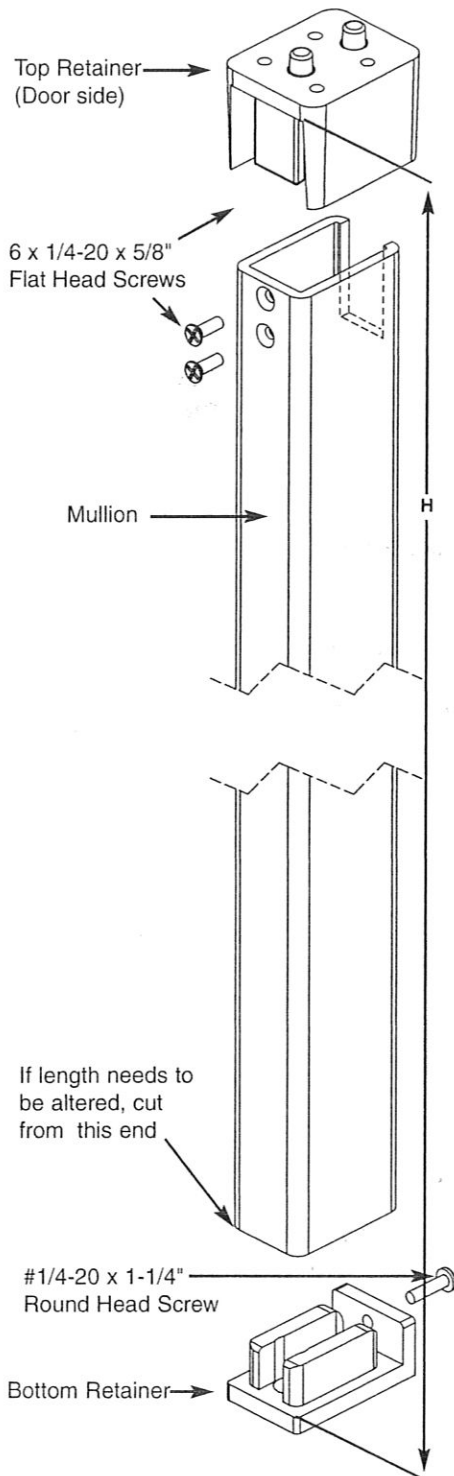
Installing Mullion Figure

INSTALLATION INSTRUCTIONS FOR FE707A & FE708A MULLIONS

FM279 6/11

Corbin
Russwin

ASSA ABLOY



Tools Required:

Tape Measure
Pencil
#3 Phillips Head Screw Driver
Hammer
Punch
#7 Drill and 1/4"-20 Tap
3/8" concrete drill
1/2" drill

ATTENTION:

Before starting the installation make sure that:

- You have the correct product;
- Doors are properly installed and hinge screws are secure.

1. Attach the Top Retainer to the top jamb

- Mark the centerline of the Top Retainer on the top jamb.
- Close the doors and keep door leaves tight to the stops.
- Fold the supplied Template No. FM281 along the creased line and locate it on the top jamb using the centerline marked. Attach it to the frame and doors with the self-adhesive strips supplied.
- Mark, drill and tap holes required.
- Install the Top Retainer using (4) 1/4-20 x 5/8" flat head screws.

2. Locate the Bottom Retainer on the floor

ATTENTION:

Do NOT attach the Retainer to the floor at this point

3. Cut the Mullion to size

- Measure the distance (H) between the inside surface of the Top Retainer and the top of the Bottom Retainer surface as shown.
- Cut off bottom of the Mullion to desired length (L), using the following formula: $L = H - 1/16"$

4. Position the Mullion into the Bottom and Top Retainers and locate it vertically. Mark the Bottom Retainer location on the floor (Bottom Retainer still free to move)

ATTENTION:

Make sure that the Mullion surface is engaged with the doors and Mullion is plumb to door face and frame.

5. Install the Bottom Retainer

- Remove the Mullion from the retainers and put it aside.
- Align Bottom Retainer with previous markings from Step 4.
- Use a punch and hammer to mark hole locations on floor.
- Drill (2) 3/8" diameter holes in floor to a min. depth of 2 5/8"
- Mount the Bottom Retainer to the floor with supplied (2) 3/8" fasteners

6. Install the Mullion

- Position the Mullion first into the Bottom Retainer, then the Top Retainer.
- Drill and tap (2) 1/4-20 holes in the Top Retainer thru the countersunk holes in the Mullion.
- Install (2) 1/4-20 x 5/8" flat head screws.
- Drill and tap (1) 1/4-20 hole in the bottom end of the Mullion thru the hole in the Bottom Retainer.
- Install (1) 1/4-20 x 1 1/4" round head screw.

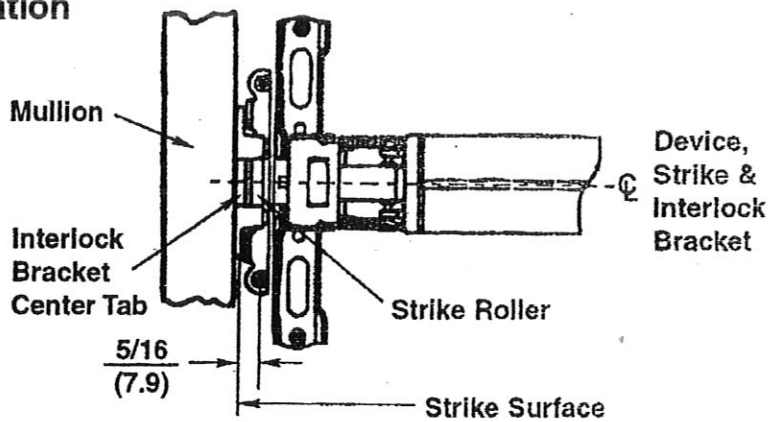
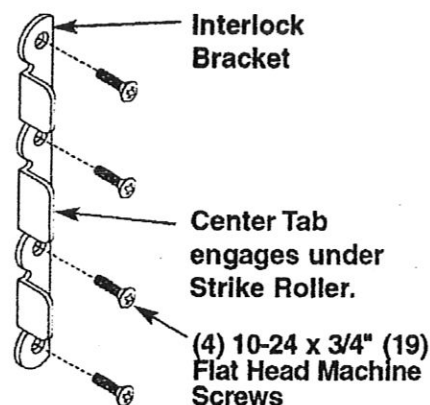
INSTALLATION INSTRUCTIONS FOR FE707A & FE708A MULLIONS

FM279 6/11

7. Install exit devices according to manufacturers instructions
8. **Fire rated Rim and SecureBolt® Exit Devices:**
After exit devices and strikes have been assembled, install Interlock Brackets with (4) #10-24 x 3/4" screws as shown in illustration below.

Interlock Installation

Interlock Bracket Required for Fire Rated SecureBolt® and Rim Exit Device with Mullion.



1. Position strike Interlock Bracket in place, as shown. Locate bracket holes.
2. Prepare Interlock Bracket mounting holes and mount with (4) 10-24 x 3/4" (19) screws (and SNB's when applicable).

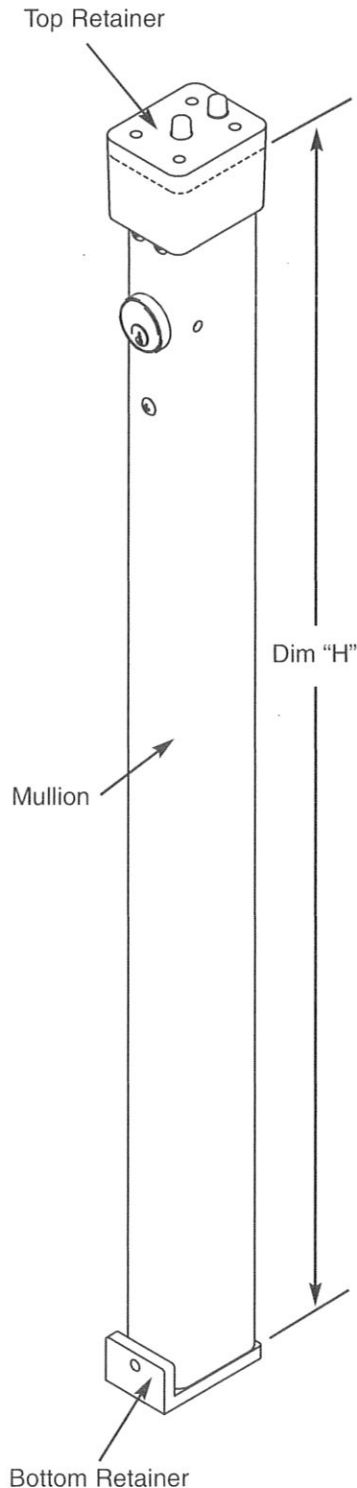
FOR CORBIN RUSSWIN TECHNICAL SUPPORT CALL TOLL FREE: Phone: 888.607.5703, Fax: 860.828.7277

INSTALLATION INSTRUCTIONS for WS707AKM and WS708AKM MULLIONS



ASSA ABLOY

FM280 2/08 (617417815)



Tools Required:

Tape Measure
Pencil
#3 Phillips Head Screw Driver
Hammer
Punch
#7 Drill and 1/4"-20 Tap
3/8" concrete drill
1/2" drill
5/64" Allen Wrench
3/16" Allen Wrench

ATTENTION:

Before starting the installation make sure that:

- You have the correct product;
- Doors are properly installed and hinge screws are secure.

1. Attach the Top Retainer to the top jamb

- a. Mark the centerline of the Top Retainer on the top jamb.
- b. Close the doors and keep door leaves tight to the stops.
- c. Fold the supplied Template No. FM281 along the creased line and locate it on the top jamb using the centerline marked. Attach it to the frame and doors with the self-adhesive strips supplied.
- d. Mark, drill and tap holes required.
- e. Install the Top Retainer using (4) 1/4-20 x 5/8" flat head screws.

2. Locate the Bottom Retainer on the floor

ATTENTION:

Do NOT attach the Retainer to the floor at this point

3. Cut the Mullion to size

- a. Measure the distance (H) between the inside surface of the Top Retainer and the top of the Bottom Retainer surface as shown.
- b. Cut off bottom of the Mullion to desired length (L), using the following formula: $L = H - 1/16"$

4. Position the Mullion into the Bottom and Top Retainers and locate it vertically. Mark the Bottom Retainer location on the floor (Bottom Retainer still free to move)

ATTENTION:

Make sure that the Mullion surface is engaged with the doors and Mullion is plumb to door face and frame.

5. Install the Bottom Retainer

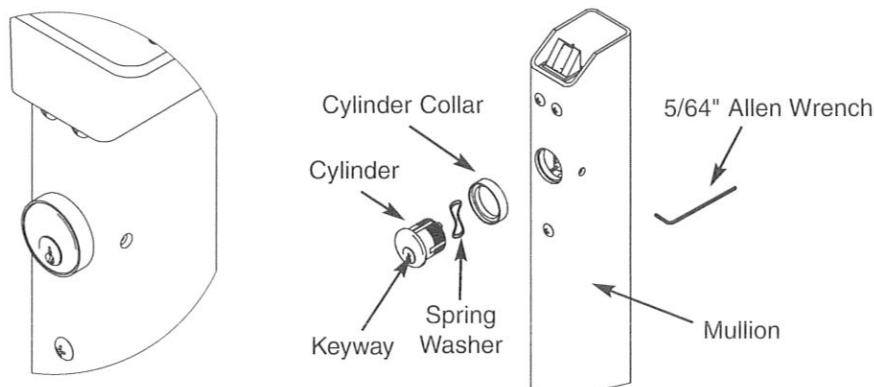
- a. Remove the Mullion from the retainers and put it aside.
- b. Align Bottom Retainer with previous markings from Step 4.
- c. Use a punch and hammer to mark hole locations on floor.
- d. Drill (2) 3/8" diameter holes in floor to a min. depth of 2 5/8"
- e. Mount the Bottom Retainer to the floor with supplied (2) 3/8" fasteners

INSTALLATION INSTRUCTIONS for WS707AKM and WS708AKM MULLIONS

**Corbin
Russwin**

ASSA ABLOY

FM280 2/08 (617417815)



6. Installation of Cylinder

- Depress latchbolt and hold fully retracted.
- Carefully thread Cylinder with Cylinder Collar and Spring Washer into lock assembly until it bottoms out.
- Unscrew the Cylinder orienting keyway at bottom.
- Release latch bolt. Note: If latch bolt is not fully projected loosen Cylinder an additional 1-2 full turns.
- Tighten set screw with 5/64" Allen Wrench through access hole in side of Mullion.
- Check operation of Cylinder and lock assembly. **Note:** Key only turns counter-clockwise.

7. Install the Mullion

- Place Mullion onto Bottom Retainer and pivot into opening, to latch.
- Tighten Bottom Retainer set screw with 3/16" Allen Wrench to prevent Mullion rattle.

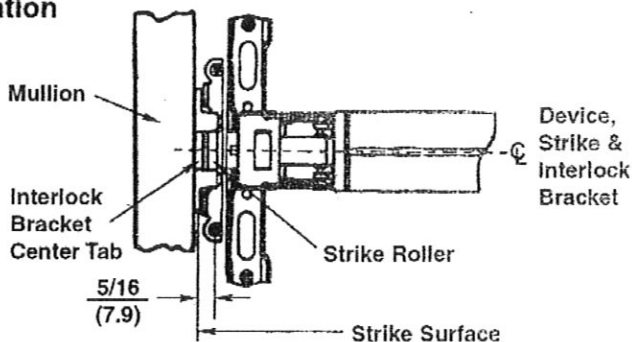
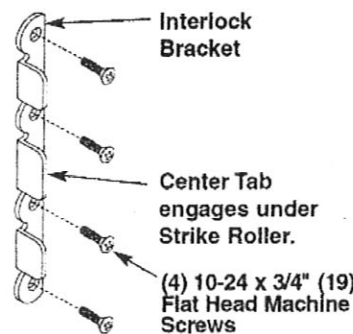
8. Install exit devices according to manufacturer's instructions

9. Fire rated Rim and SecureBolt® Exit Devices:

After exit devices and strikes have been assembled, install Interlock Brackets with (4) #10-24 x 3/4" screws as shown in illustration below.

Interlock Installation

**Interlock Bracket Required
for Fire Rated SecureBolt® and
Rim Exit Device with Mullion.**



- Position strike Interlock Bracket in place, as shown. Locate bracket holes.
- Prepare Interlock Bracket mounting holes and mount with (4) 10-24 x 3/4" (19) screws (and SNB's when applicable).

Corbin Russwin, Inc.
225 Episcopal Road
Berlin, CT 06037-4004
www.corbinrusswin.com

Technical Product Support
Phone: 888-607-5703
Fax: 800-659-7293

Canada: ASSA ABLOY DSS Canada
160 Four Valley Drive
Vaughan, Ontario L4K 4T9
www.assaabloycanadadss.ca

Copyright © 2008 Corbin Russwin, Inc. All rights reserved. Reproduction in whole or in part without the express written permission of Corbin Russwin, Inc. is prohibited.