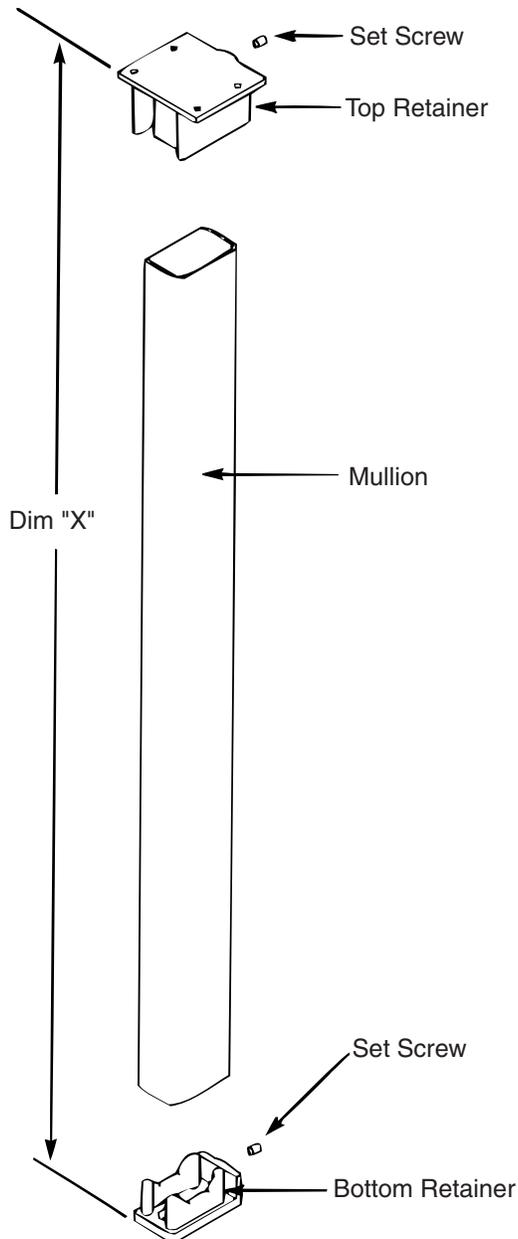




M200 & M200F Steel Mullions Installation Instructions

Attention Installer

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.



Tools Required:

Measuring Tape
Pencil
Drill & Tap Sizes #7 drill and 1/4"-20 tap
Concrete Drill 3/8" diameter
Center Punch
Hammer
#2 & #3 Phillips Screw Drivers
5/32" Allen Wrench

1. Close and block doors against frame stops. Check gap between door leaves and door to frame and correct if necessary.
2. Locate the center of the opening on the floor. Using the bottom retainer, mark the positions for the two drop-in fasteners.
3. Drill holes with 3/8" diameter cement bit to a minimum depth of 2-1/2" (63.5).
4. Fasten bottom retainer to floor.
5. Locate the center of the opening on the top of the frame. Using the top retainer, mark the positions for the four fasteners.
 - a. The door should evenly rest against both the frame stop and the mullion.
 - b. If a top retainer mounting kit is used, modify weatherstripping as required.
6. Drill and tap each location for 1/4"-20 fasteners.
7. Measure "Dim X" as shown. Remove material from the bottom of the mullion per the formula length of mullion = "dim X" minus 3/4" (19). **Note:** This leaves approximately 1/8" (3.2) clearance between the mullion and the top retainer when mounted.
8. Place mullion onto bottom retainer and place top retainer on top of mullion. Pivot into opening and secure top retainer with provided fasteners.
9. Tighten set screws in both top and bottom retainers.
10. Install exit devices according to the manufacturer's instructions.

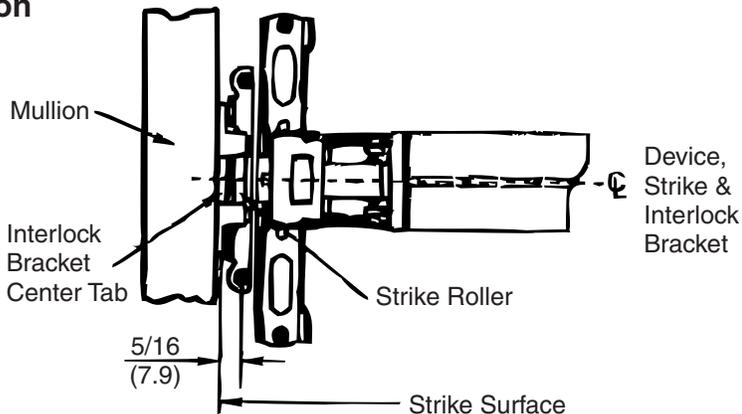
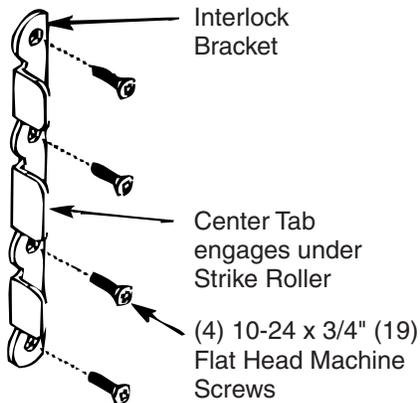


11. Fire rated Rim and SquareBolt® Exit Devices

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

Interlock Installation

Interlock Bracket Required for Fire Rated SquareBolt® 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" screws (and SNG's when applicable).

Yale Locks & Hardware

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