

980S and 12-980 Steel Mullions

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Installation

 **WARNING:** The 12-980 mullion is 3 hour fire rated up to 8 feet tall only. Do NOT use this mullion in a fire rated application where the opening is taller than 8 feet. For fire rated openings over 8 feet up to 10 feet order 12-HD980 mullion.

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.
 - a. The bottom of the door should come to rest against the surface of the mullion.
 - b. Modify threshold as required.
3. Drill holes with 3/8" diameter cement bit to a minimum depth of 2-1/2".
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". Note - This leaves approximately 1/8" 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.

