

Merge Rail 3 Rail Sliding Installation Instructions

Provided:

- a. $1\frac{1}{2}$ " Aluminum Rail Lengths
- b. Frameless Porcelain Steel Boards
- c. Clip-on Mounting Brackets
- d. Angle Mounting Brackets
- e. Butt Connectors (optional)
- f. $\frac{5}{16}$ " - $18 \times 1/2$ " Button Head Bolts

Tools Needed:

- 1. Laser Level/Level
- 2. Drill
- 3. Provided Install Jigs
- 4. Tape Measure
- 5. $3/4$ " Flat Head Drywall Screws

Installation:

1. Mark a line $1\frac{1}{2}$ " below where you would like the top of the system installed, preferably using a laser level.
2. Locate the edges of the rail left and right and mark $1/8$ " beyond on either side.
(Figure 1)
3. Mark $3/8$ " above your horizontal line every 3' starting 3' from the edge of the rail. This will be used to locate the clip-on mounting brackets.

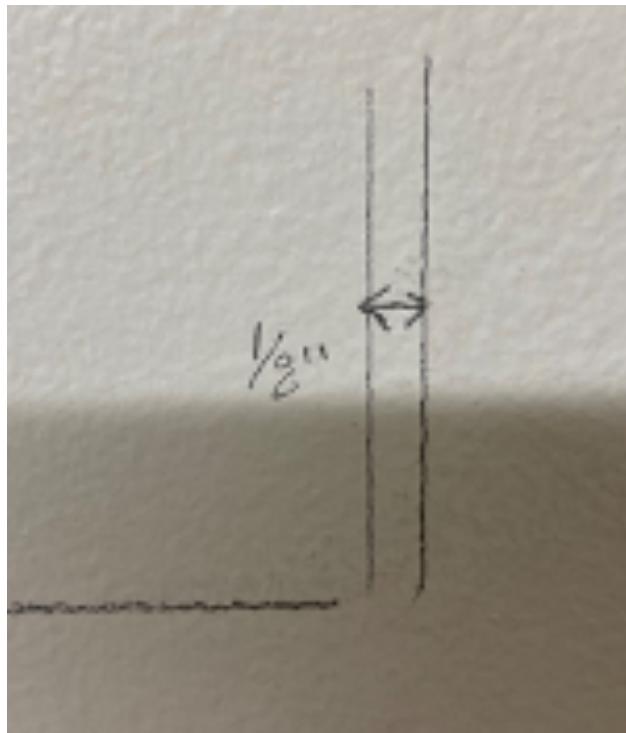


Figure 1

Merge Rail 3 Rail Sliding Installation Instructions

4. Align the bottom of the clip-on mounting brackets with the marks from the previous step as shown in (Figure 2) and screw to the wall using $\frac{3}{4}$ " flat head drywall screws. The screws must be flat head to allow the rail to clip onto the mounting bracket.
5. If the system length is over 240", your rails may need to be spliced together using a butt connector. Position the butt connector in the back slot so that 3 set screws engage each rail. Making sure that the rails are in line with one another, tighten the set screws.
6. Verify the end locations by holding up the rail to the wall. Make sure that your marks $\frac{1}{8}$ " outside are correct.
7. Align the angle mounting bracket as shown in (Figure 3) to the line $\frac{1}{8}$ " from the edge of the rail and screw to the wall using the same $\frac{3}{4}$ " flat head drywall screws. The flange with the drywall screws should be covered by the rail after it's installed.



Figure 2

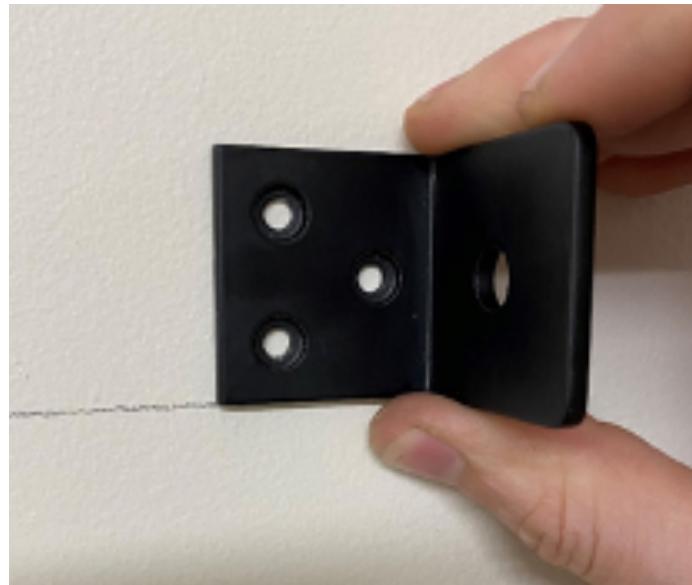


Figure 3 (right side)

Merge Rail 3 Rail Sliding Installation Instructions

8. Lift the top aluminum rail without the plastic insert, smooth side out, onto the clip-on mounting brackets. The rail should slip onto the bracket with slight downward pressure and be locked in place.
9. Take the provided 5/16"-18 x 1/2" screws and thread them through the angle mounting brackets into the ends of the aluminum rail.
10. Fit the provided install jigs on either end of the middle rail in the same orientation as the top rail. The middle and bottom rails will have a plastic insert that will face upwards. Hang the middle rail from the top using the install jig. (Figure 4)
11. Holding the middle rail against the wall, mark where the bottom of the rail lands and remove the rail and install jigs.
12. Repeat steps 2-8 to install the middle rail.
13. Using the same method to locate the middle rail, locate the bottom rail and repeat steps 2-8 to complete installation.



Figure 4

Merge Rail 3 Rail Sliding Installation Instructions

COMPLETED SECTION VIEW

