



*Federal Brace*<sup>™</sup>  
BEAUTIFULLY CRAFTED CONFIDENT SUPPORT

## SHELF SUPPORTS | *Stud Mounted Shelf Rod*



### STUD MOUNTED SHELF ROD INSTALLATION GUIDELINES

*Every successful installation begins with good planning and action. Do not wait until the last minute to order your Stud Mounted Shelf Rod for installation. From time to time stock replenishment may be in process and require a lead time. Make sure that all aspects of the support or stud locations are considered and discussed to ensure that your installation will be smooth and that your support products will be sufficient.*

*Note: This installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides considerations about the general characteristics of a particular type of support and installation.*

#### Bracket Characteristics

The Stud Mounted Shelf Rod comes to you in a raw steel finish. Please keep in mind that raw steel will corrode over time if not painted. Holes are 0.25". The mounting plate itself is 4" high and 2" deep with a 90-degree angle that will wrap around the front of the stud. Leave space on the stud to accommodate the mounting plate. The floating shelf rods have a 100-pound carry capacity and we recommend not to exceed this weight to avoid seeing any deflection in your installation.

#### Installation Considerations

When installing the Stud Mounted Shelf Rod make sure you are tying into a minimum of 1.25" thick stud wall material. You will want the fasteners to have as much biting material as possible. The brackets should be installed to a stud every 16 inches for the length of your shelf. Measure the height of the bracket location from the floor and draw a line. Use a level to draw a level line





across the rest of the studs that will have brackets installed on them. Hold the first bracket in place and mark pilot holes on the side of the stud. Repeat for consecutive brackets. Use a drill bit slightly smaller than the holes and drill pilot holes. Once the pilot holes are drilled, put the Stud Mounted Shelf Rod in place and install fasteners. Prior to tightening fasteners completely, check level across all the brackets. Adjust as needed and make final tightening of fasteners. The drywall or other finish material will then be installed after your Stud Mounted Shelf Rods.

We are thankful that you chose to use Federal Brace Stud Mounted Shelf Rods in your home or business. Please send us images of your installation to [customerservice@federalbrace.com](mailto:customerservice@federalbrace.com) - We would love to add your work to our gallery!

Also, know that the highest compliment Federal Brace can be given is a reference from our customers. If you have enjoyed your buying experience with Federal Brace please let someone know.