**Installation Considerations**

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to ensure that your countertop installation will be smooth and that your countertop support products will be sufficient.

*Note that 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.*

**Characteristics of the Floating Shelf Supports:**

Our Floating Shelf Supports are designed for you to create your own style using repurposed wood, granite, marble, concrete or even for use in your garage to hang some of those items that get in the way. The diameter of the Support Rod is ½” solid steel.

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**Considerations when Installing Floating Shelf Supports**

If you are creating your own floating shelf from reclaimed wood or other material, please review the following items.

Items to note: in order for the rods to give a floating appearance the back of the shelf will need to be routed out to accommodate the mounting plate which is ¼” thick. 10.5” or 6.5” deep ½” diameter holes will need to be drilled perpendicular into the project. This will require a special drill bit that has the length to do so. Once this is completed you can proceed to the next step.

Determine the desired location where your project will be mounted.

Locate the wall studs by using a stud finder or other means. Mark both edges of each stud to ensure Support Rods will align within the stud width.

Identify the desired height of the shelf. Measure and mark the distance from the floor to the height of the shelf location on each stud.

Center the Support Rod at desired height on marked location ensuring that both holes are within the two sides of the stud. Mark the hole locations on the wall. The Support Rod plate can be used as a template to help align holes. (The mounting holes should be marked 1” apart for each Support Rod.) It is important to ensure that all holes are level.

Drill pilot holes at marked hole locations by using a 1/8” or 3/16” drill bit.

Securely mount all Support Rods by using ¼” wood screws or drywall anchors. Depending on spacing, the Support Rods for your project may not line up with a stud. For this rod, the use of toggle bolt or other drywall anchor is recommended.

Brackets should be spaced 5”-8” apart such that the outer two line up with studs, depending on length of shelf installation. Check each rod for level horizontally and vertically as installing.

The installation of your Floating Shelf Supports along with your design is now complete. We are thankful you choose the Floating Shelf Supports from Federal Brace. We love seeing our customers’ applications so please send us images of your installation. Also, know that the highest compliment Federal Brace can be given is a reference from our customers to friends and family. If you have enjoyed your buying experience with Federal Brace please let someone know.