



LED FLOATING SHELF INSTALLATION GUIDELINES

Every successful installation begins with good planning and action. Do not wait until the last minute to order your LED Floating Shelf 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 floating shelf installation will be smooth and that your 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 LED Floating Shelf

The LED Floating Shelf System comes to you in the white veneer finish and includes your mounting bracket. It also provides LED accent lighting. The mounting bracket is heavy duty steel powdercoated with a gloss black finish. Eight slots are provided for adjusting the placement as needed. Slots are sixteen inches on center. Arms extend

from both ends of the bracket for insertion into the floating shelf box.

The LED Floating Shelf has a 100 pound carrying capacity and it is recommended not to exceed this weight to avoid seeing any deflection in the shelf.

Considerations when Installing Floating Shelf Support Bracket

Whenever installing the Floating Shelf Bracket make sure you are tying into a minimum of 1.75" thick stud wall material. You will want the fasteners to have as much biting material as possible. This will provide a secure fastening of the bracket. Remember a weak support bracket makes for a weak floating shelf.

Once placement is decided, hold the bracket in place and mark your slots. Position the mounting bracket so that the half inch cord hole is on the right. Drill pilot holes, using a drill bit slightly smaller than the fasteners (0.25"). Once

the pilot holes are drilled, put the bracket in place and install fasteners.

Prior to tightening fasteners completely, check the level across the arms of the bracket. Adjust as needed and make final tightening of fasteners. When the bracket has been fastened tightly, drill a hole through the substrate where the cord hole in the mounting bracket is.

With the bracket securely fastened, add a bead of silicone around the top edge of the arms and back of the bracket. Insert shelf over the arms of bracket. As you move the shelf into its final position, thread the LED wires through the cord hole in the bracket and wall.

**Please consult with your local technician regarding the installation of a transformer and hardwiring the LED light bar to it.

Finishing Touches

Final step is to place your decor, enjoy your work and your new LED floating shelf! We are thankful that you chose to use Federal Brace Floating Shelf Systems in your home or office. Please send us images of your installation. We would love to add your work to our gallery to see Federal Brace products at work.

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.



For any questions or comments please to contact us by email at customerservice@federalbrace.com or by phone at (877) 353-8899. If you are a visual learner, check out our installation videos on our YouTube channel. Don't forget to share your projects with your new Federal Brace brackets on Twitter and Instagram, just tag us @FederalBrace. Like us on Facebook, and check out our boards on Pinterest for more home improvement/decor and DIY project ideas.

