



LOW PROFILE FLOATING SHELF BRACKET INSTALLATION GUIDELINES

Every successful installation begins with good planning and action. Do not wait until the last minute to order your Floating Shelf Systems 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 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 Low Profile Floating Shelf Bracket

The Low Profile Floating Shelf Bracket features an all-new innovative gusseted support bracket designed to improve the overall carrying capacity of the shelf with a thinner, aesthetically pleasing profile. The Low Profile Floating Shelf Bracket comes to you in a powder coated gloss

black finish and includes screws to attach the inner gusset rib. Four 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.

When installed correctly, the Low Profile Floating Shelf Bracket has a 50-pound carrying capacity. We recommend not exceeding this weight to avoid shelf deflection.

Considerations When Installing Low Profile Floating Shelf Bracket

Whenever installing the floating shelf bracket make sure you are tying into a minimum of 1.75" thick stud wall material. We recommend using two 1/4"-20 x 2.50" Hex Lag Screws. 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.

Installation of the Low Profile Floating Shelf Bracket

1. Determine the height of the shelf bracket by measuring from the floor with a tape measure and make a horizontal mark. Using a stud finder, locate the center of the wall stud and make a vertical mark.

2. Locate the center of the second wall stud and make a vertical mark. Place a level on the first horizontal mark and draw a level line from the first vertical stud mark to the second vertical stud mark.

3. Next, you will need to drill pilot holes using a 5/32 or smaller drill bit.

4. Once the pilot holes are drilled, hold the outer bracket in place and use the two included 1/4-20 x 2.50" bolts to fasten the bracket to the studs. Tighten down the fasteners entirely.

5. Line up the interior bracket rib holes to the holes on the outer bracket and insert the included screws. Place included nuts on the screws and hand-tighten. Use a socket set and a screwdriver to tighten the nuts entirely.

6. Slide your custom low profile shelf over the bracket, and you're done!

Pro Tip: You can run a bead of adhesive silicone on the top of the bracket before adding the shelf to hold it in place permanently.



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.

