



INSTALLATION GUIDE  
BLUE RIDGE & CROWDERS MANTEL CORBEL



**Installation Requirements**

Our Mantel Corbel Brackets are designed to provide the strength that comes from 3/8" metal bracket. The carrying capacity of the Mantel Brackets is 750 lbs per pair. mantel bracket has three 1/4" countersunk holes on the back flange. one 1/4" countersunk holes on the top flange to fasten the wood corbel as shown in the image below and also two 1/4" Countersunk holes on bottom flange for the screws to fasten into the mantel.

If you are installing your mantel brackets into sheet rock, you will need to make sure you locate the wall studs. Support brackets must be installed in studs that are tied to the roof and floor structure. If new construction, lay out your placement and drill pilot holes in the studs, leave cutouts in the sheet rock for visibility. If installing in cement or brick and mortar be sure to have the appropriate drill bit for masonry and lag shields for your fasteners. Remember, a weak substructure and/or mounting process makes a weak installation.

Your Federal Brace Mantel brackets should not be spaced more than 40" apart for a standard application. Once placement is determined, attach your first bracket. Make sure that when you fasten your bracket that you check for level in all directions. Your bracket should be level horizontally as well as vertically. Continue to install your brackets checking level in the same way each time and across consecutive brackets.



Once all the brackets are in place, you will want to wipe them down to get rid of any handprints or other debris. Just before installation of you mantel you will need to install the wood corbel and fastners we provided. Also, apply adhesive or silicone to the top of the bracket to adhere it to the mantel or fasten them with the fastners provided. Once the mantel is in place, you can caulk around the edge of the brackets if you choose. This will give greater adherence to the mantel and cover any gap between the brackets and mantel.

**Final Steps**

Enjoy your work. We are happy that you chose to support your project with Federal Brace brackets. We would be very grateful for images of your finished installation. Everyone enjoys seeing Federal Brace supports at work. Also, know that the highest compliment Federal Brace can receive is a reference from our customers to their friends and family. If you have enjoyed your buying experience with Federal Brace, please let someone know. Thank you!



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