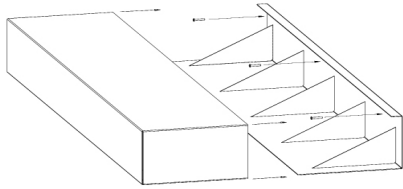


Mantel Shelves Easy Installation

Congratulations on your purchase of a high quality Ironhaus Portland Willamette Steel Mantel / Shelf. Please follow installation instructions carefully for a safe and long lasting application. Remember that any add on elements can be changed out as design trends change or can easily removed and repaired if ever necessary. Enjoy!



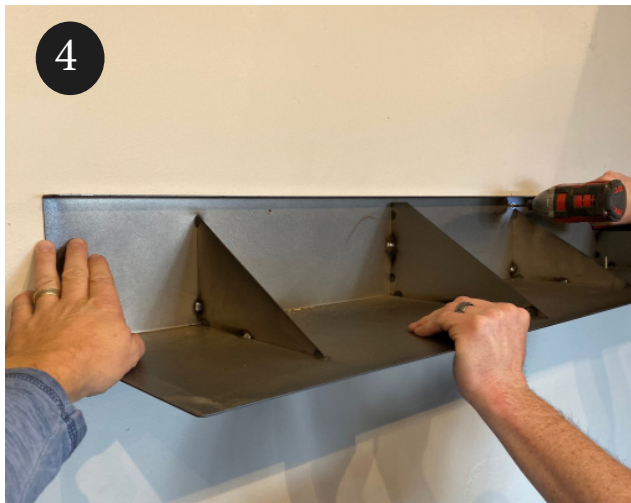
- 1 Remove mantel sections from packaging. Check to make sure all pieces are straight by looking down edge.



- 2 If panels have a bow in them, which can happen in the freight process, they are generally easy to adjust back. Place bowed area across leg as shown and give mild pressure to both sides to conform bowed area back into position. you may have to do this several times with increasing amounts of pressure to get bow out of steel. Do this to both the base and mantel cap.



- 3 Mark where mantel will be installed and use a level to mark a line across the wall. Using a stud finder, or tapping the wall to locate studs behind, identify where your studs are and mark locations on the wall just above the location of the top of the proposed mantel installation line. Once studs are located predrill holes to assure easy and accurate location for fasteners.

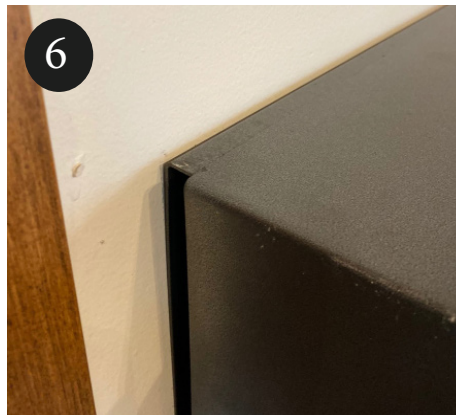


- 4 Using two people hold base up to line and pre-drill holes with a small drill bit (not included) and then use screws (provided) to mount base to wall. Be careful to assure you are screwing into the center or studs of other solid backing system. Base should be tight to wall.

For masonry , steel or other types of walls contact a contracting professional to assist in choosing the right fasteners.



- 5 Using two people slowly and gently slide the mantel cap in place onto the base. Mantel cap should get a snugger feeling as it gets close to flushing into wall.



- 6 Carefully and gently apply firm pressure to all areas of mantel cap, assuring that it is locked in tight and flush with wall. Finished when flush to wall.

Test with pressure to make sure mantel is sturdy. Now Enjoy!

IMPORTANT: STEEL MANTEL SHELVES ARE HEAVY: INCORRECT INSTALLATION COULD LEAD TO INJURY OR EVEN DEATH. PLEASE FOLLOW INSTRUCTIONS CAREFULLY.