

Mantle Installation Instructions

(Please read all instructions before beginning)

Required tools and materials



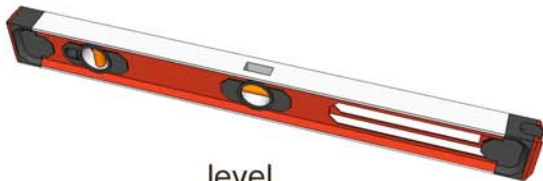
power hammer drill
with 1/8" and 3/8"
masonry drill bits



circular saw or angle
grinder with masonry blade



caulk gun



level



tape measure

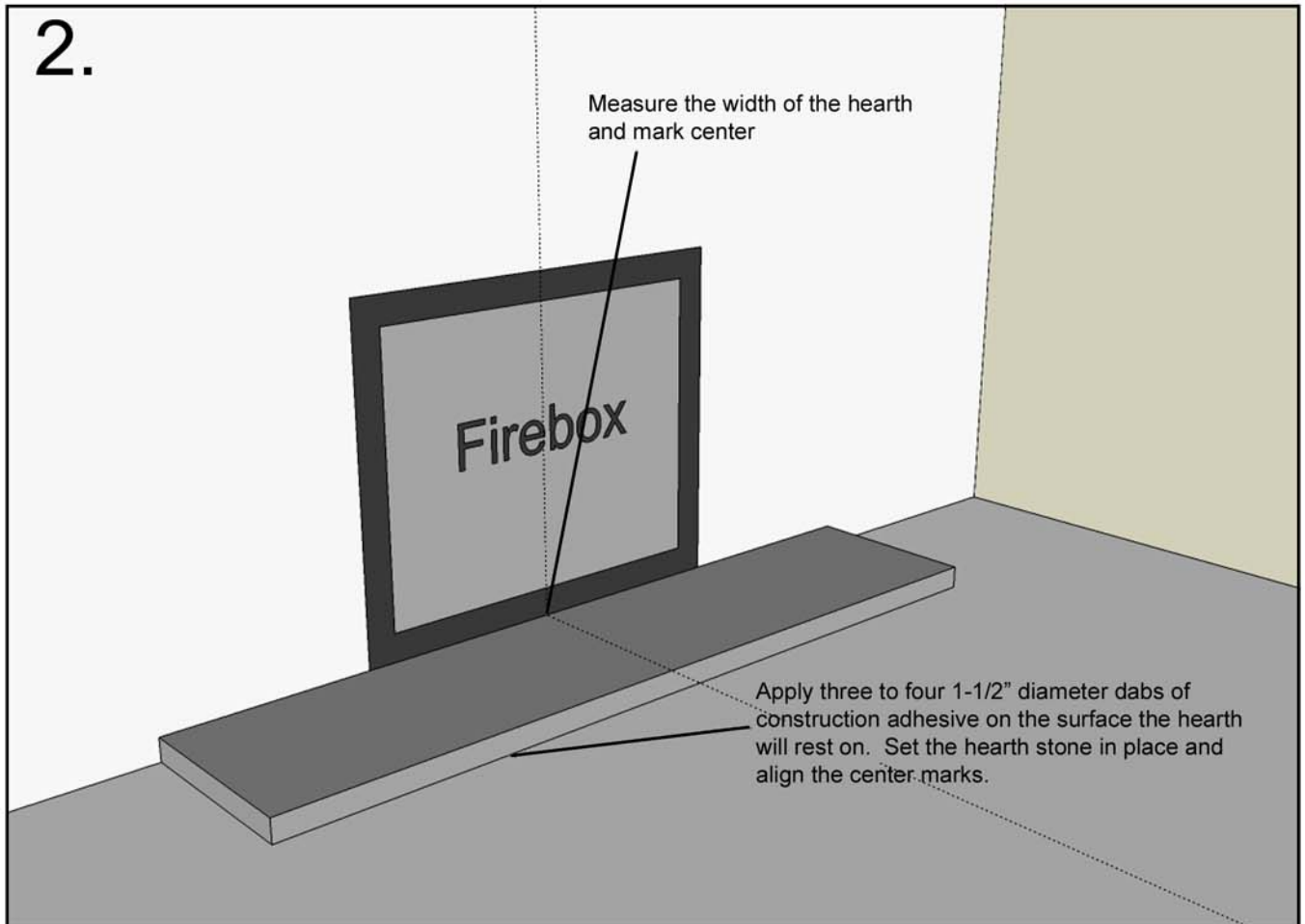
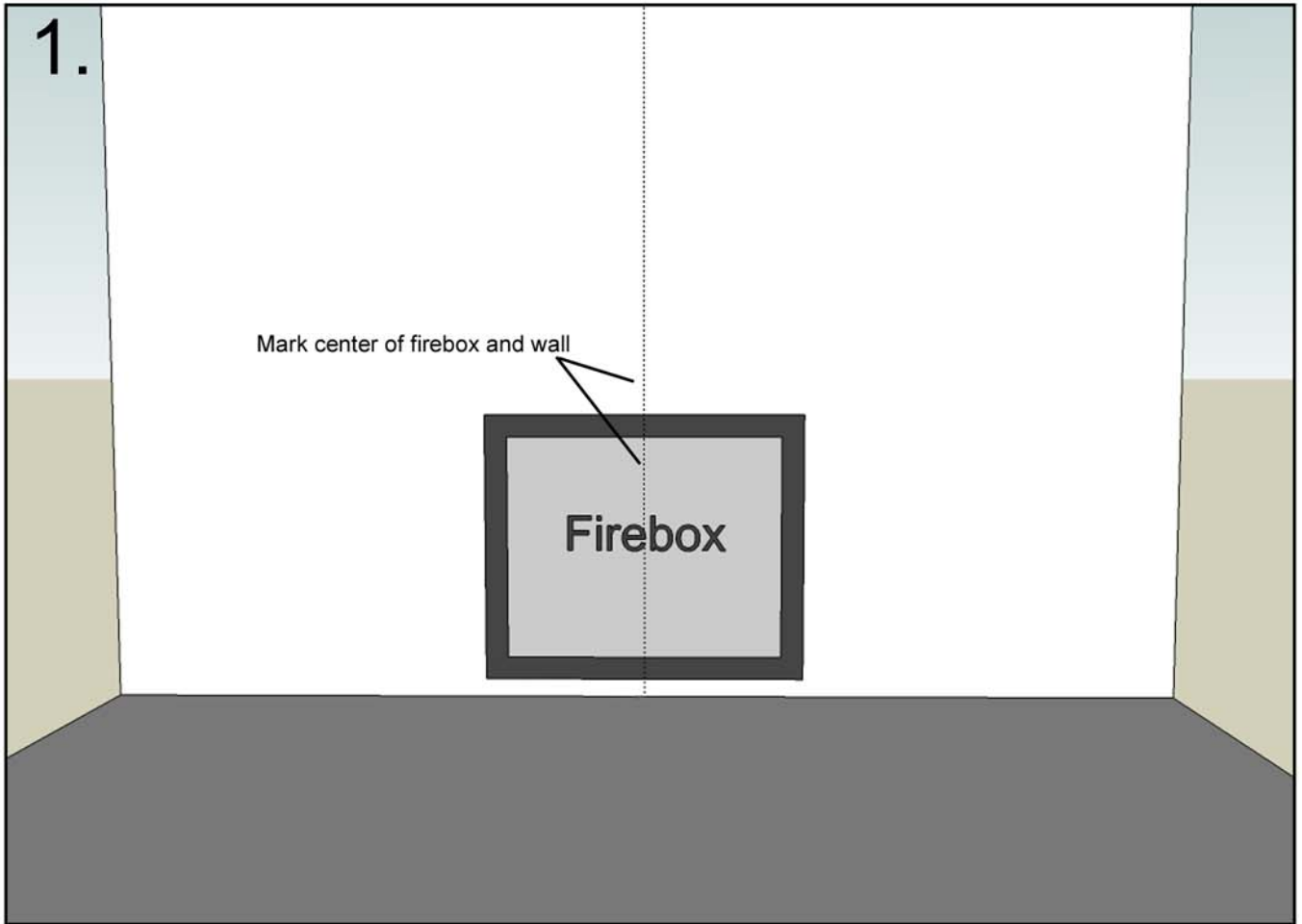


3" - 4" long
wood screws

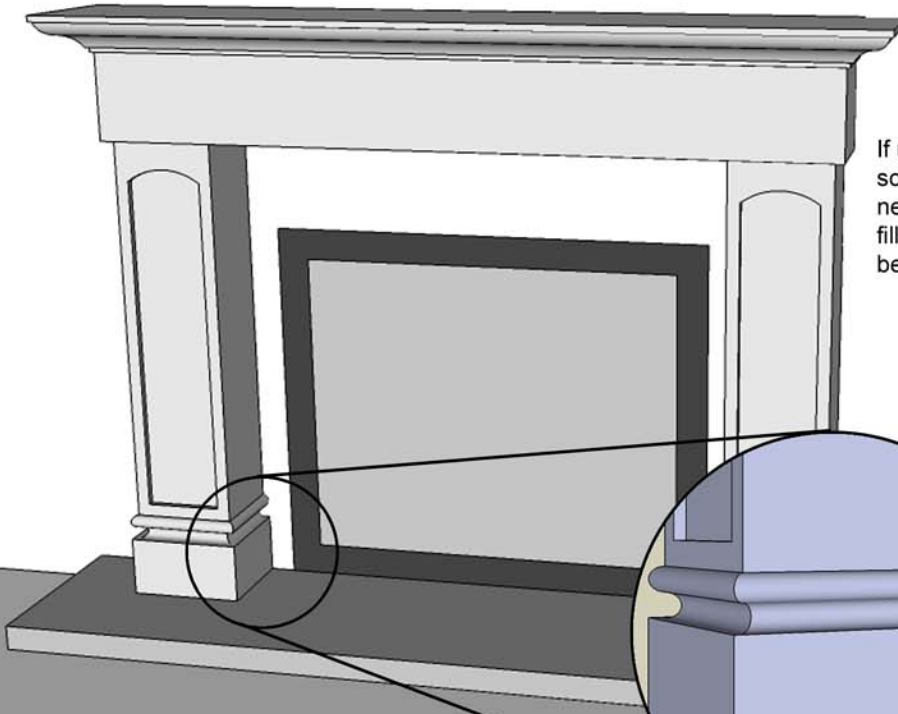
Additional tools and materials: shims to level mantle, construction adhesive, caulk, grout bag, and sanded tile grout.

Note: Supplied is a patch kit for repairing chips and cracks and for filling screw holes. For seams use a tile grout. We recommend using **Custom Building Products** sanded grout available at **Home Depot**. For mantles cast in colors Light Buff or Sahara use grout color Linen. For mantles cast in Linen use grout color Antique White. For mantles cast in Stoney Ground use grout color Oyster Gray.

- Handle products with care to avoid damaging details on the mantle.
- Test fitting the mantle is recommended before drilling, cutting, or applying adhesive.

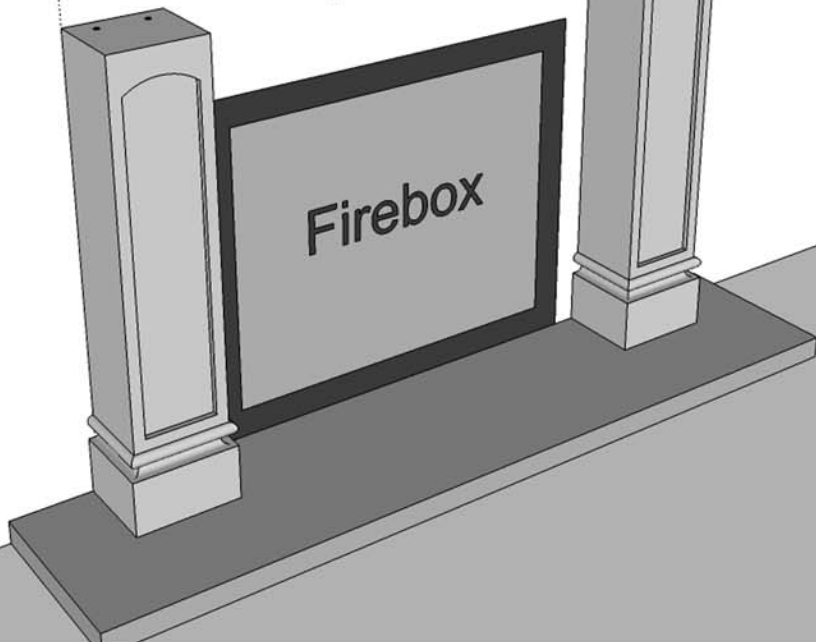


3.



If using our 3/4" filler material, some areas of the mantle will need to be notched so the filler material can slide behind.

4. Measure the underside of the shelf and subtract 1" inch. This dimension is the outside of leg to outside of leg width. Center this dimension on the firebox and mark each side as a guide for the outside of the leg. Next, set the legs on the hearth and use a level to check the levelness of the legs. If the legs are not level, place the appropriate shims under the foot of the leg. If the legs are severely out of level, place shims between the hearth and the legs and between the legs and the shelf to avoid an excessively thick joint. Drill 2 holes through the tops of each leg at a downward angle. Counter sink these holes. Apply construction adhesive to the back edges of the legs. Move the legs back into the proper place and drive 3" or 4" screws through the drilled holes into studs.

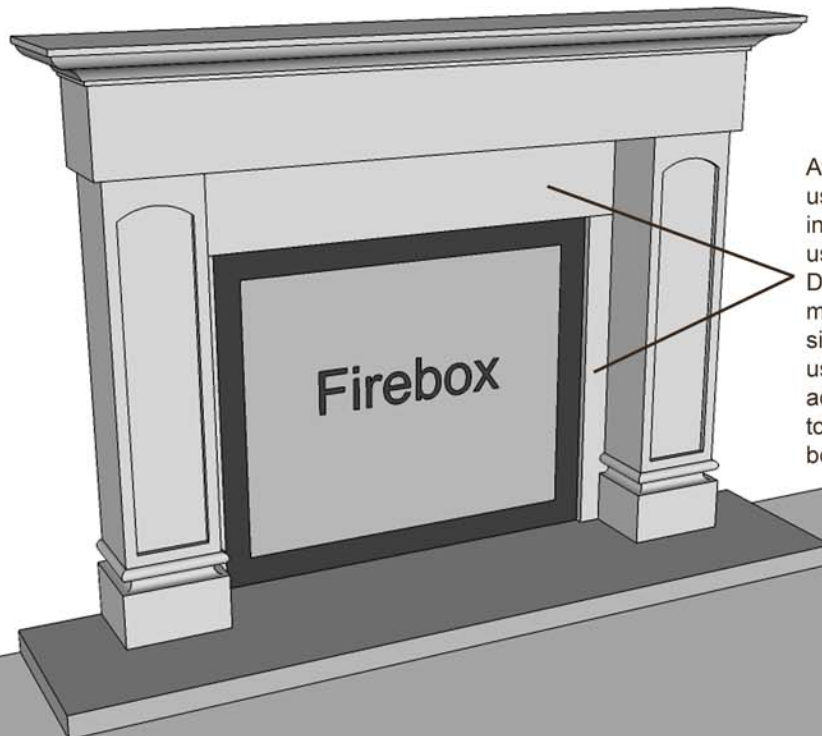


5.

Center the shelf on top of the legs and check for levelness. If the shelf is not level, place shims in the proper places to level the shelf. Next, locate the studs in the wall by using a stud finder. Make note of the location of the studs. Drill through the top of the shelf into the wall and at a downward angle making sure to hit the stud. Counter sink these holes. Remove the shelf, and put liquid nails on the back edges of the shelf. Place the shelf back in place and drive 3" or 4" screws through the drilled holes and into the drywall and studs. Ideally, the shelf would be secured to 4 or 5 studs.

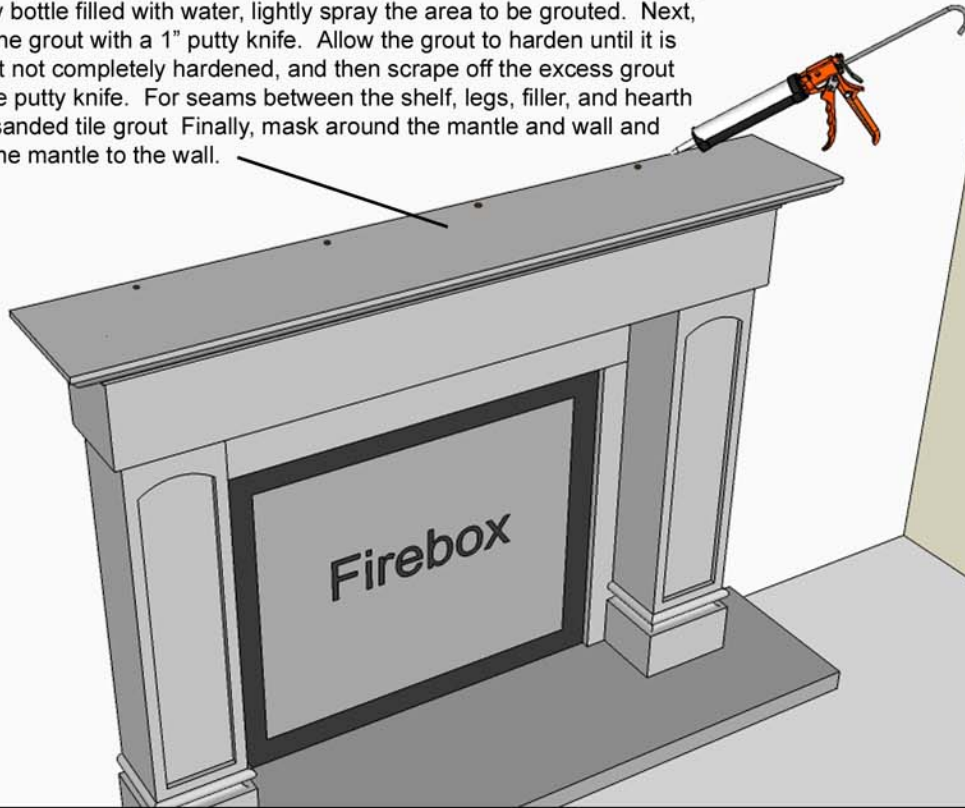


6.



After the mantel is set use a filler material to fill in around the firebox. If using Distinctive Mantle Designs 3/4" filler material, cut to the proper size and install the liners using construction adhesive in this order; top, sides, and then bottom.

- 7.** The Next step is to grout the seams, joints, and screw holes of the mantle and caulk the mantle to the wall. Use the supplied patch material to fill screw holes and repair any chips. Mix the patch with water to form a paste, this will set up quickly so only mix a small amount at a time. Using a spray bottle filled with water, lightly spray the area to be grouted. Next, apply the grout with a 1" putty knife. Allow the grout to harden until it is firm but not completely hardened, and then scrape off the excess grout with the putty knife. For seams between the shelf, legs, filler, and hearth use a sanded tile grout. Finally, mask around the mantle and wall and caulk the mantle to the wall.



- 8.** After the grout is dry, use a damp sponge and wipe away any residue left by the grout. Use 150 grit sandpaper to sand off shoe marks or scuff marks. Lastly, seal the hearth and the top of the shelf with siloxane.

