



Non-Combustible Mantel Shelf

Installation Instructions

AC02780, AC02781, AC02782, AC02783



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Required Tools



- **Two people are required to perform this installation**



- **Power Drill with Phillips bit**

To secure the mantel support to the wall



- **Leather Gloves**

To protect hands from rough edges on concrete



- **Utility Knife**

To cut and remove packaging



- **Level**

To level the mantel with the fireplace



- **Tape Measure**

To properly position the mantel in its environment



- **Stud Locator**

To locate studs behind the finishing material



- **Pencil**

To mark the location of the mantel

Optional Hardware



- **3/16" Toggle bolts**

INSTALLATION SAFETY WARNINGS

SAVE THESE INSTRUCTION

The following precautions must be followed:

- Read all instructions before mounting or using the mantel
- Use the mantel only for its intended use as described in these instructions.

! Important !

The fasteners supplied with this furnishing are intended for use in standard wood stud walls only. Minimum wall stud size required is 2" x 4", with drywall or finished wall surface ranging from ½" to ¾" thick. For all other mounting surfaces, use appropriate fasteners as specified by local building codes or other jurisdiction. For mounting to other wall types; if you are at all unsure of the correct fastening method, contact your local building official. Improper mounting may lead to property damage, injury, or death.

DO NOT OVERLOAD MANTEL:

THE MAXIMUM LOAD FOR ALL 60 INCH MANTELS is 150lbs.
MAXIMUM LOAD FOR ALL 72 INCH MANTELS is 180lbs.

MANTEL "SUPERCAS" MATERIAL MEETS NON COMBUSTIBILITY STANDARDS IN ACCORDANCE WITH ASTM E136.

! Warning !

Combustible objects placed on or around the mantel must meet your fireplace manufacturer's requirements for clearances to combustibles.

Included in this kit

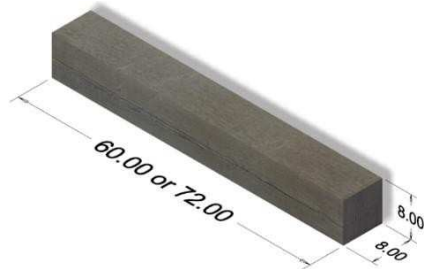
(Various Models Shown)

*Dimensions may vary up to 1/2" due to the manufacturing process of the mantel.

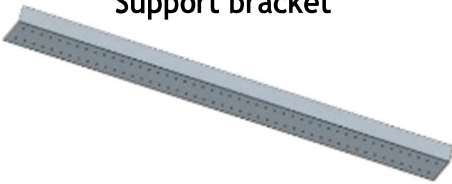
AC02782 or AC02783



AC02780 or AC02781



Support bracket



#8 x 2-1/2" woodscrew (Qty 6)

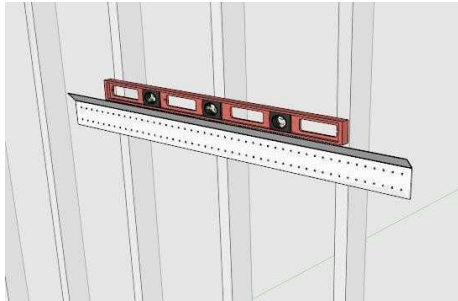


NOTE: WOOD SCREWS SHOULD ONLY BE USED WHEN THE MANTEL IS MOUNTED TO A WOOD STUD FRAMING.

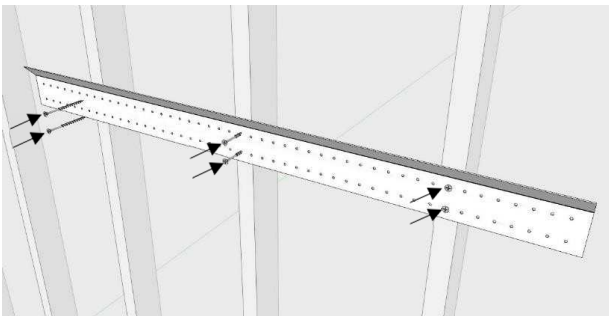
Mounting Instructions

Wood Stud Installation

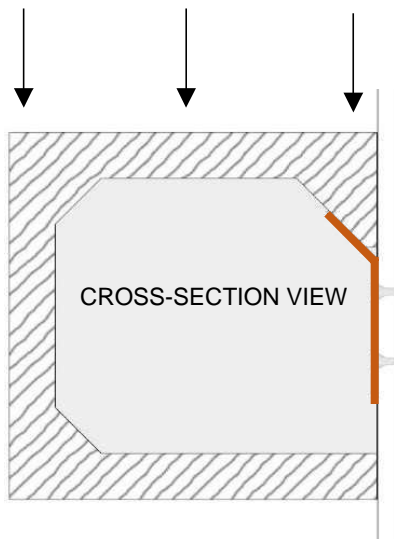
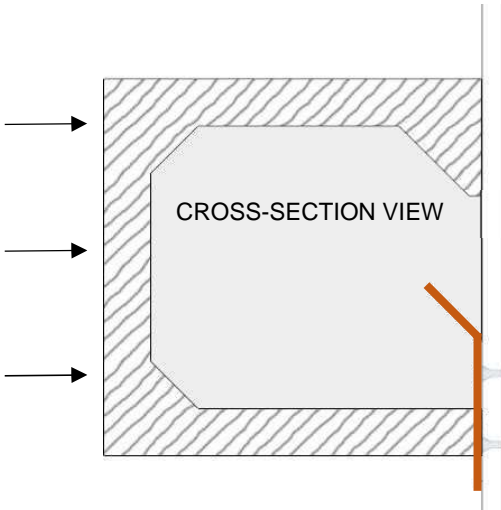
- **Check for damage. Do not use damaged components.**
 - **It is required to mount the unit at wall stud locations (if applicable) for proper holding strength and weight distribution.**
 - **Be sure to follow your fireplace manufacturer's clearances to non-combustibles or local code if applicable when determining a location for your mantel. Combustibles set on a non-combustible mantle must meet clearance requirements for combustibles.**
1. Choose a location for your mantel and locate studs behind the wall surface using a stud locator. Mark stud locations with a pencil for reference in the next step.
 2. Hold the Hanging Bracket up to the wall surface, centered at the desired location, and ensure it is parallel to the floor using a level.



3. Use a pencil to mark hole locations on the bracket, lining it up with **a minimum of 3 studs.**
4. Insert the supplied #8 x 2-1/2" Wood Screws at the marked hole locations, two screws per stud location as shown below.



5. With two people, one lifting from each end, lift the mantel up so that the top edge of the bracket is approximately centered in the cavity at the back side and hold flush to the wall surface. Carefully lower on to the hanging bracket and ensure the mantel is seated properly before placing the full weight of the mantel on the bracket.



! Important !

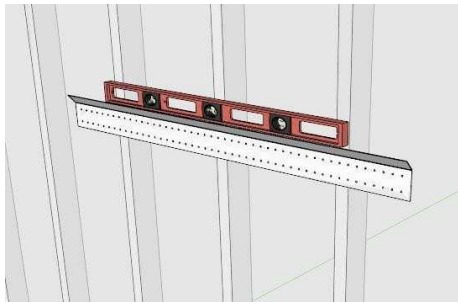
If you are at all unsure of the correct fastening method, contact your local building official. Improper mounting may lead to property damage, injury, or death.

Minimum Wall and Fastener Requirements:

1. 25 gauge, or thicker, commercial steel stud construction.
2. Minimum, 3/16" toggle bolts with individual bolt load limit of 90 lbs. or more.

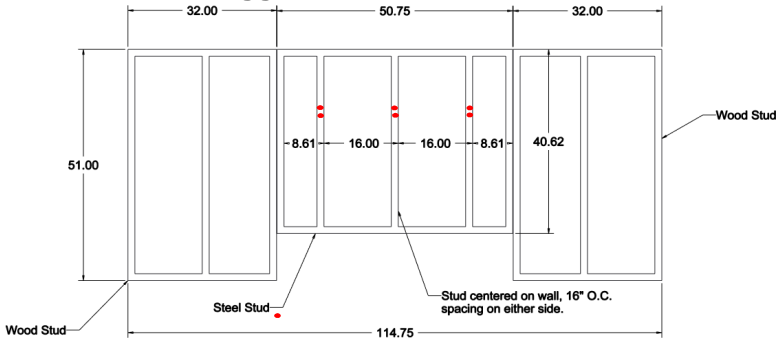
Steel Stud Installation

- Check for damage. Do not use damaged components.
 - It is required to mount the unit at wall stud locations (if applicable) for proper holding strength and weight distribution.
 - Be sure to follow your fireplace manufacturer's clearances to non-combustibles or local code if applicable when determining a location for your mantel. Combustibles set on a non-combustible mantle must meet clearance requirements for combustibles.
1. Choose a location for your mantel and locate studs behind the wall surface using a stud locator. Mark stud locations with a pencil for reference in the next step.
 2. Hold the Hanging Bracket up to the wall surface, centered at the desired location, and ensure it is parallel to the floor using a level.

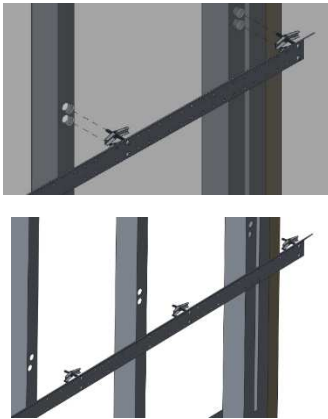


3. Use a pencil to mark the hole locations on the bracket, lining it up with a minimum of 3 studs. The studs must be configured as shown in Step 4. One stud centered in the opening and two studs spaced 16" on center from the center stud.

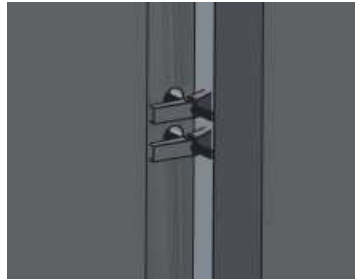
4. Insert toggle bolts (NOT INCLUDED) at the marked locations. Two bolts per stud location as shown below. **Be sure to follow toggle bolt manufacturer's instructions.**



25 gauge commercial steel stud wall construction
Toggle bolt locations



(Left) Toggle bolts attached to mounting bracket, pass through holes in sheetrock and metal studs.

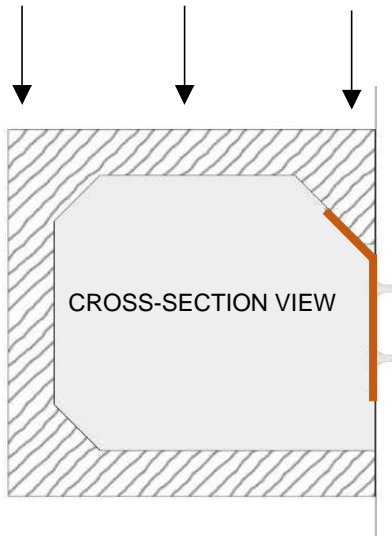
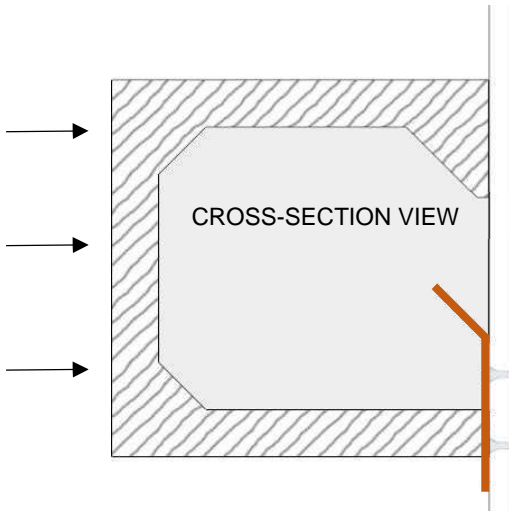


(Right) Backside view of toggle bolt installed onto metal stud.

WARNING

Installation on any other steel stud framing configuration is not recommended by the manufacturer and could result in serious injury, property damage, or death.

5. With two people, one lifting from each end, lift the mantel up so that the top edge of the bracket is approximately centered in the cavity at the back side and hold flush to the wall surface. Carefully lower on to the hanging bracket and ensure the mantel is seated properly before placing the full weight of the mantel on the bracket.



Care and Maintenance

To keep your mantel looking new, we recommend the following:

- Minor surface scratches can be removed by re-sealing with SC-SEALER (Available for sale by Stove Builder International)
- If any colored liquids such as wine or soda are spilled on your mantel, clean off immediately to avoid possible staining.
- We recommend dusting your mantel regularly and cleaning with a mixture of mild dish detergent and warm water; rinse thoroughly.
- We recommend sealing your mantel as needed. If the surface begins looking dull, clean and re-seal with SC-SEALER available through Stove Builder International.
- All mantels arrive pre-sealed with a solvent-based sealer

One year warranty

SBI Heating accessories warrants for the purchaser's first year of ownership that our non combustible mantle, when reasonably maintained and used, shall be free from any defects in material; or manufacturer's workmanship. Proof of purchase will be required, so keep your receipt. A Return Authorization Number is needed to return goods prepaid to our facility, at 250 rue de Copenhague Saint-Augustin-de-Desmaures, Québec, Canada, G3A 2H3. SBIHA shall not be liable for any consequential or identical damages resulting in loss from the use of this product. In no case will SBIHA's liability exceed the customer's purchase cost.

Thank you for purchasing an SBI
Heating accessory!



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