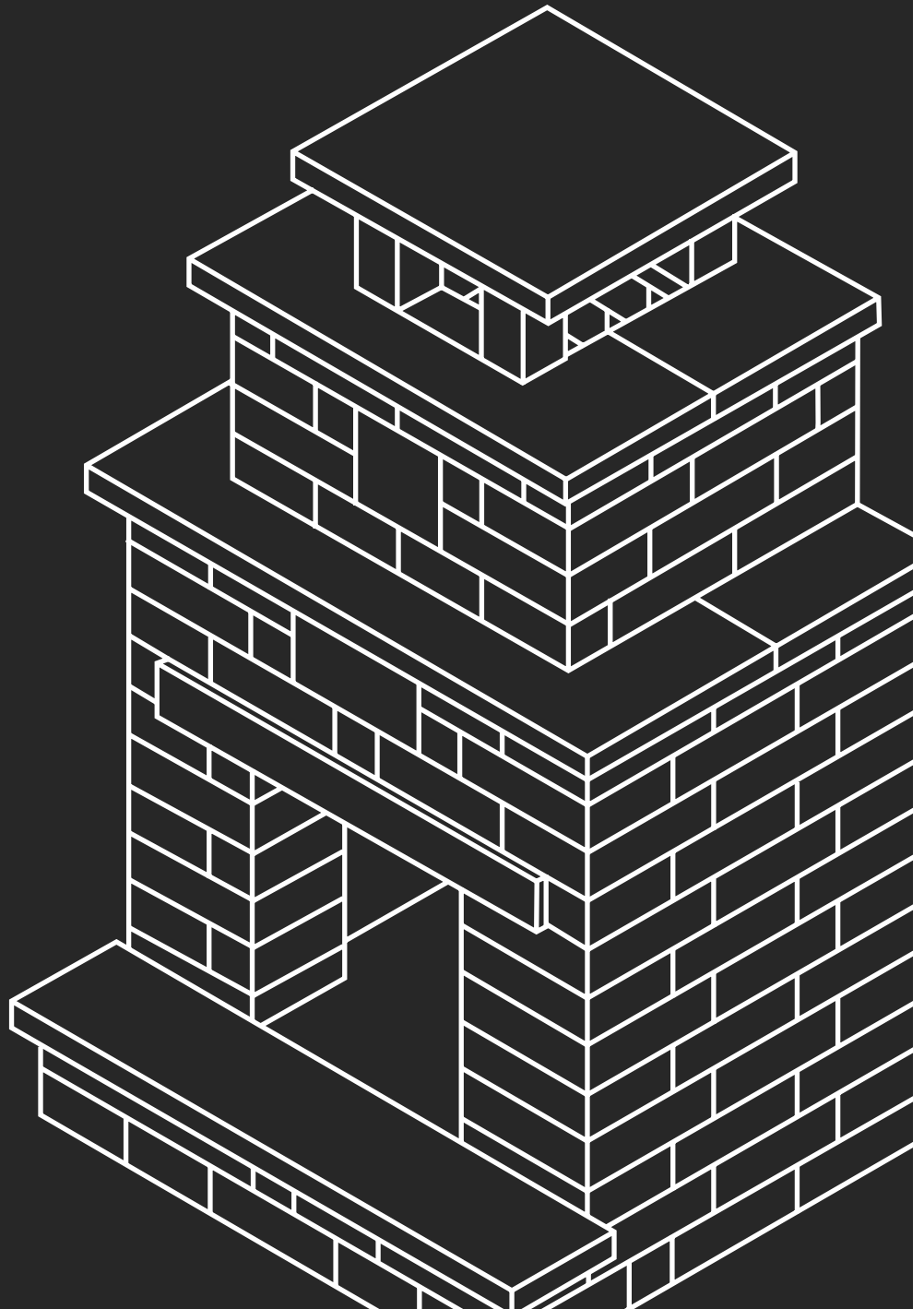


barkman™

Barkman Landscape Kits

Quarry Stone Compact Fireplace



IMPORTANT: READ PRIOR TO INSTALLATION

It is the responsibility of the consumer to read and follow the proceeding information.

WARNING

1. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury or death.
2. Improper installation or maintenance of this product may result in damage to property, injury or death.
3. Read the installation, operation and maintenance instructions thoroughly before installing or servicing this equipment.
4. Barkman Concrete Ltd. is not liable for any property damage or bodily injury caused by failure to follow the installation instructions, improper use of the product or any negligence or carelessness of the consumer.

INSTALLATION AND USE

1. Improper installation, adjustment, alteration, service or maintenance can cause injury, or property damage. Read the installation instructions thoroughly before installing the fireplace.
2. DO NOT touch areas if fire is burning, severe burning may result. Clothing ignition may result.
3. Carefully supervise children near the fireplace.
4. Keep clothing, furniture, draperies and other combustibles away from the fireplace.
5. Fireplace is for outdoor use only. Place the fireplace in an area where wind won't disturb the flames.
6. DO NOT obstruct the opening of the fireplace, or otherwise obstruct the flow of air.
7. Fire brick related fire can occur when there is a failure to maintain the required clearances (air spaces) to combustible materials.
8. Certain steps in the installation process will require more than one person.
9. Curing is crucial to the operation of your fireplace. Ensure to follow the direction on page 14 of the instruction guide.
10. Plan to install the fireplace a week before intended use to allow enough time for the curing process.
11. Never leave the fireplace unattended when in use.
12. We strongly recommend the installation of a steel fireplace grate on the floor of the fireplace before starting to make fires. This makes it easier to ignite the fire, directing heat away from the floor which extends the life of the floor by inhibiting the formation of small cracks from excess heat. These grates are available at hardware and building supply outlets.

DANGERS OF FIRE

1. If the information in these instructions is not followed exactly, a fire or explosion may result in property damage, injury or death.
2. Beware of flying sparks from mouth of the firebox, made up of firebrick components. Make sure that no combustible materials are within range of firebrick components at any time.
3. Beware of extremely high temperatures in the fireplace when in use and for hours after use. Do not put unprotected hands or arms inside while the fireplace is lit.

4. DO NOT use charcoal, pressure treated lumber, chipped wood products, sappy wood (such as pine), laminated wood, or any material other than dry medium or hard natural firewood.
5. DO NOT use liquid fuel (firelighter fluid, gasoline, kerosene or similar liquids) to start or maintain a fire.

PROXIMITY TO BUILDINGS AND OTHER COMBUSTIBLE MATERIALS

1. The fireplace should be installed and used in accordance with the by-laws, regulations, local building codes and laws of your jurisdiction. Please confirm that use of this product is in compliance with the by-laws, regulations and laws of your jurisdiction before installing or using it.
2. Make sure that you locate your respective gas lines, wires, water pipes, and/or any above ground and underground services in your area and install your fireplace in the proper distance away from them. Check with your provider for location and distance requirements prior to installation.
3. This manual must be kept by the customer as long as they own their fireplace kit.
4. Check with your insurance provider concerning the installation, use, value implications and/or any other considerations in regards to your fireplace kit.



FIRE WARNING

Do not use landscape glue to seal the firebrick and firecap components as this is a fire hazard. Only use **SILICONE** for this purpose. Do not overload wood into the firebox when in use.

Materials

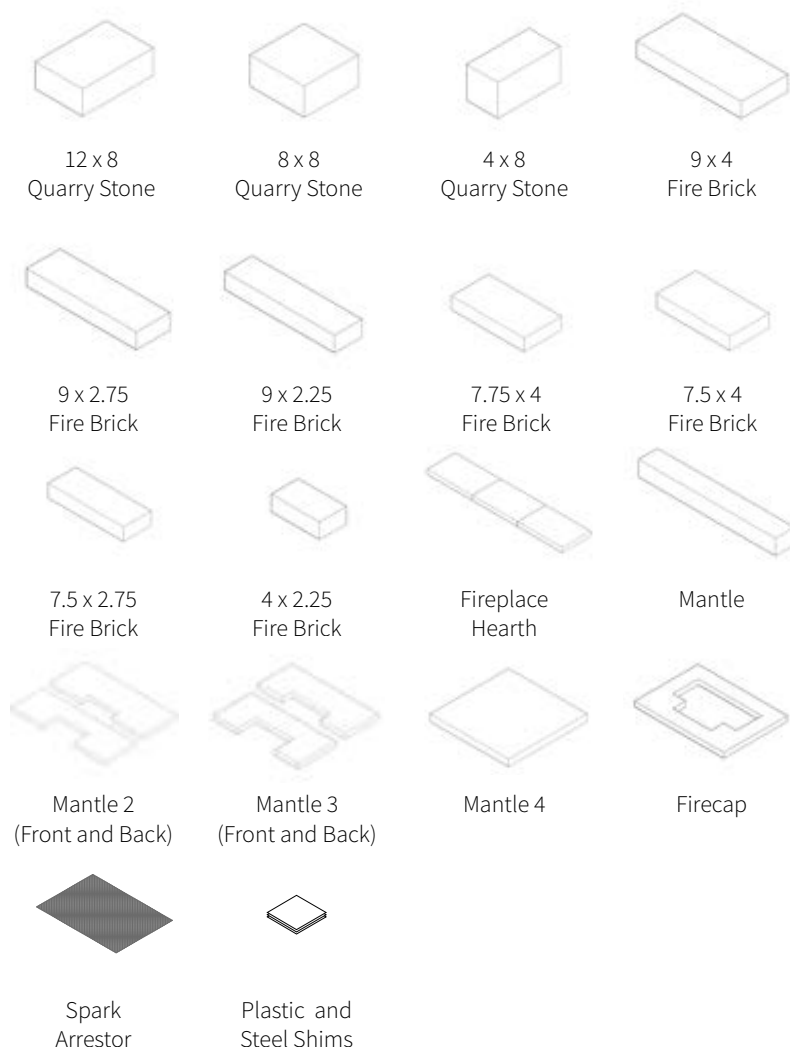
This kit measures 78" h x 44" w x 40" d

MATERIALS INCLUDED:

- 12" x 8" Quarry Stone – 115 pieces
- 8" x 8" Quarry Stone – 37 pieces
- 4" x 8" Quarry Stone – 39 pieces
- Fire Brick – 83 Pieces Total
 - 9" x 4" Fire Brick – 60 pieces
 - 9" x 2.75" Fire Brick – 2 pieces
 - 9" x 2.75" Fire Brick – 6 pieces
 - 7.75" x 4" Fire Brick – 4 pieces
 - 7.5" x 4" Fire Brick – 8 pieces
 - 7.5" x 2.75" Fire Brick – 1 piece
 - 4" x 2.25" Fire Brick – 2 pieces
- Hearth
- Mantle 1
- Mantle 2 (Front and Back)
- Mantle 3 (Front and Back)
- Mantle 4
- Firecap
- Spark Arrestor
- Tube of Landscape Glue – 2 pieces
- High Temperature Silicone – 2 pieces
- Gloves
- Plastic and Steel Shims
- Instruction Guide

OTHER ITEMS NEEDED:

- Rubber Mallet
- Caulking Gun
- Measuring Tape/Ruler
- Level



Base Preparation

If installing your Barkman Quarry Stone Compact Fireplace on an unstructured base, please ensure to follow these steps:

- Excavate area approx. 9 inches below grade.
- Excavate approx. 6 inches larger than your actual kit dimensions to ensure a stable base.
- Fill with $\frac{3}{4}$ inch down limestone and compact firmly.
- Level out $\frac{1}{2}$ inch of sand and install kit as per the instruction guide.

If you are installing on a solid base such as an existing patio, base prep is not necessary. Please proceed to the first step.

These instructions may not refer to all base conditions. As this kit is incredibly heavy, base prep will greatly depend on existing ground conditions and may require alternate techniques.

Note: This manual was updated in May 2021. For manual updates, check www.barkmanconcrete.com/resources

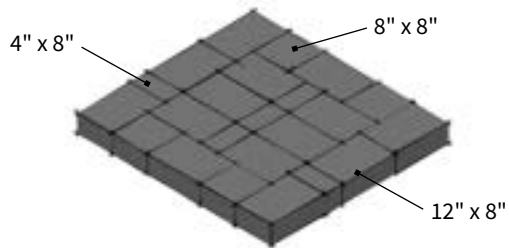
Instructions

1

- A** Lay down the first layer as shown in the diagram.
- B** Check that stones are level at every step. Use included shims for adjustments.

USE:

- (14) 12 x 8 Sierra Grey blocks
- (4) 8 x 8 Sierra Grey blocks
- (5) 4 x 8 Sierra Grey blocks

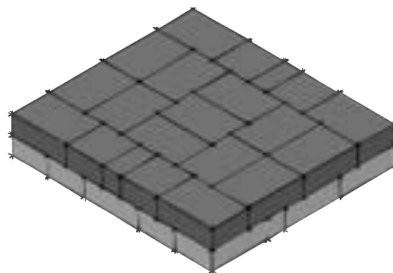


2

- A** Lay out the second layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

USE:

- (15) 12 x 8 Sierra Grey blocks
- (4) 8 x 8 Sierra Grey blocks
- (2) 4 x 8 Sierra Grey blocks

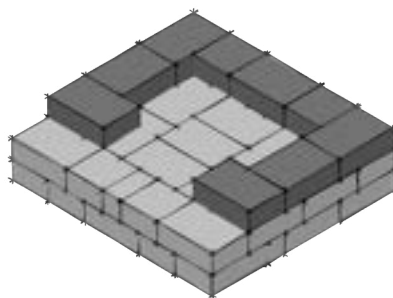


3

- A** Lay out the third layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

USE:

- (7) 12 x 8 Sierra Grey blocks
- (2) 8 x 8 Sierra Grey blocks

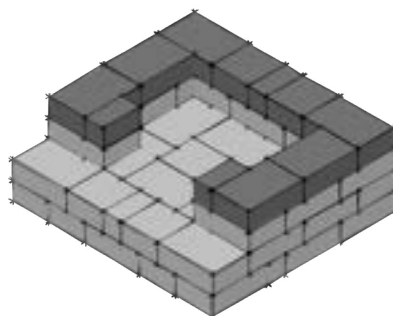


4

- A** Lay down the fourth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

USE:

- (6) 12 x 8 Charcoal blocks
- (2) 8 x 8 Sierra Grey blocks
- (3) 4 x 8 Sierra Grey blocks

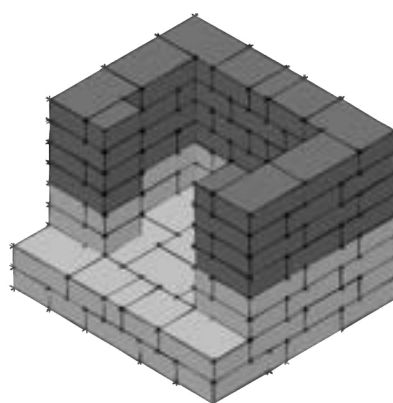


5

- A** Repeat steps 3 and 4 twice to the height of eight layers.
- B** Check that stones are level. Use included shims for adjustments.

USE:

- (26) 12 x 8 Sierra Grey blocks
- (8) 8 x 8 Sierra Grey blocks
- (6) 4 x 8 Sierra Grey blocks

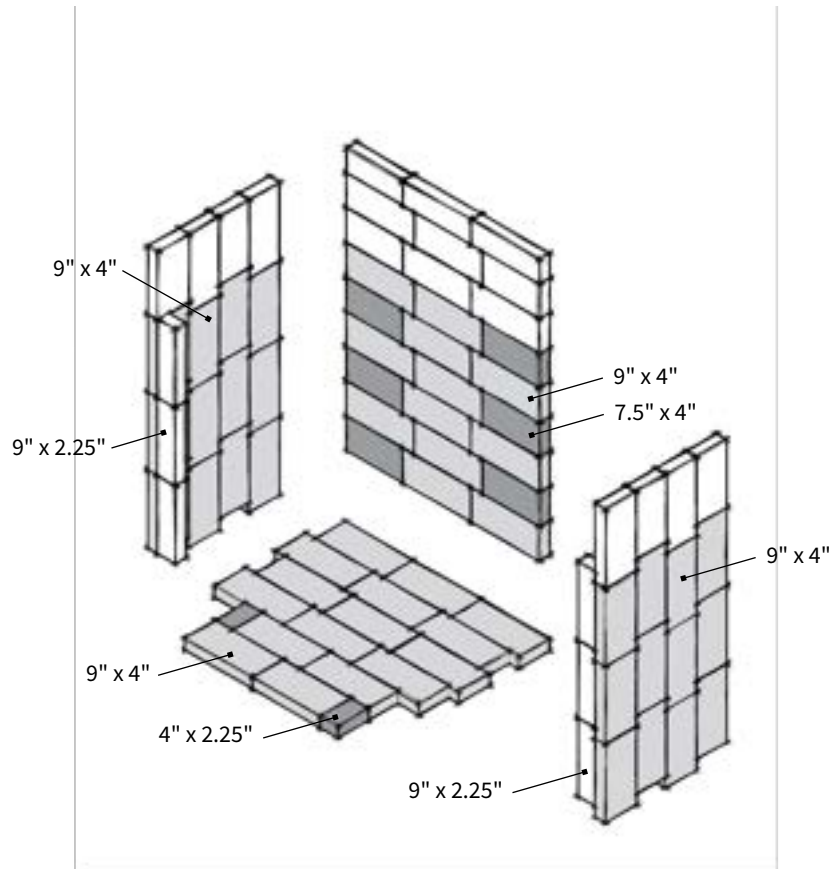


6

- A** Start installing the firebrick surround inside the wall of the fireplace as indicated by the diagram to create a firebox.
- B** Install in this order: bottom first; then left and right sides; finally the back.
- C** Affix firebrick pieces to the wall using the included high temperature silicone. Ensure that both surfaces are dry and free of debris to allow for optimal adhesion. Run silicone along each horizontal layer along with the backs of each individual piece.

USE:

- (2) 4 x 2.25 Fire Bricks
- (6) 7.5 x 4 Fire Bricks
- (6) 9 x 2.25 Fire Bricks
- (52) 9 x 4 Fire Bricks



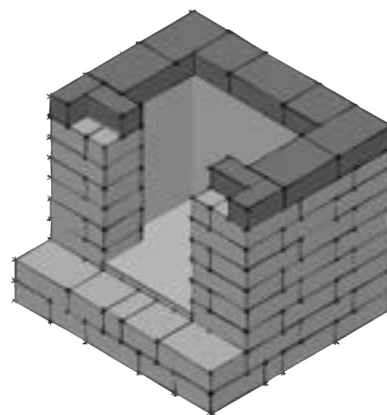
7

- A** Lay down the ninth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

USE:

- (5) 12 x 8 Sierra Grey blocks
- (2) 8 x 8 Sierra Grey blocks
- (4) 4 x 8 Sierra Grey blocks

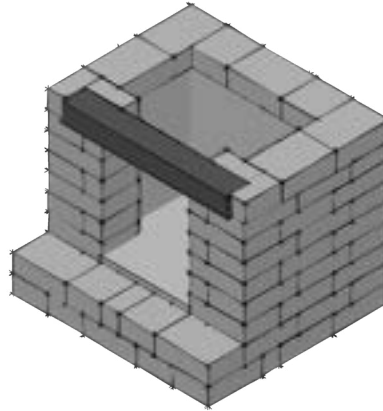
⚠ WARNING: Only use silicone when securing the fire brick.



8

- A** Place the mantle into the ninth layer as indicated in the diagram.
- B** Glue the mantle where it contacts the Quarry Stone below using the included landscape adhesive.

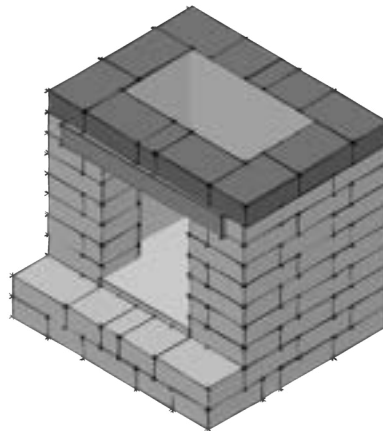
USE:
Mantle



9

- A** Lay out the tenth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

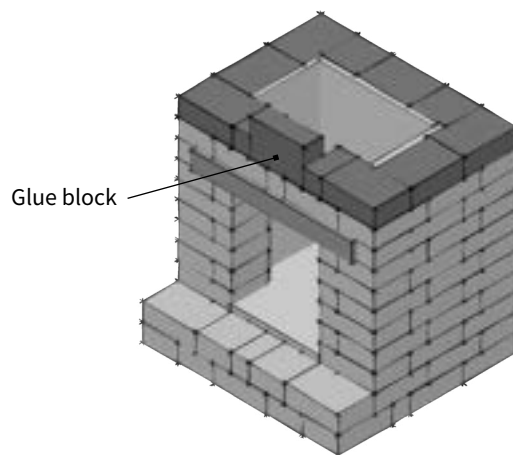
USE:
(8) 12 x 8 Sierra Grey blocks
(2) 8 x 8 Sierra Grey blocks
(2) 4 x 8 Sierra Grey blocks



10

- A** Lay out the eleventh layer as shown in the diagram.
- B** Glue the block indicated in the diagram to the Quarry Stone below.
- C** Check that stones are level. Use included shims for adjustments.

USE:
(8) 12 x 8 Sierra Grey blocks
(2) 8 x 8 Sierra Grey blocks
(2) 4 x 8 Sierra Grey blocks

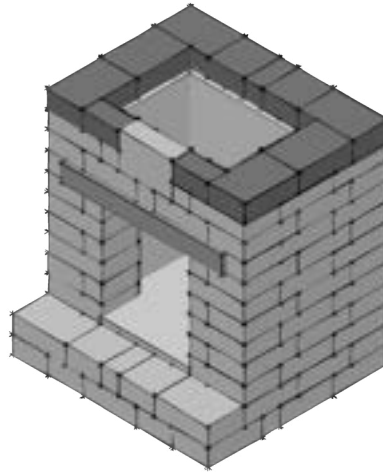


11

- A** Lay down the twelfth layer as shown in the diagram.
- B** Check that stones are level at every step. Use included shims for adjustments.

USE:

- (6) 12 x 8 Sierra Grey blocks
- (2) 8 x 8 Sierra Grey blocks
- (3) 4 x 8 Sierra Grey blocks

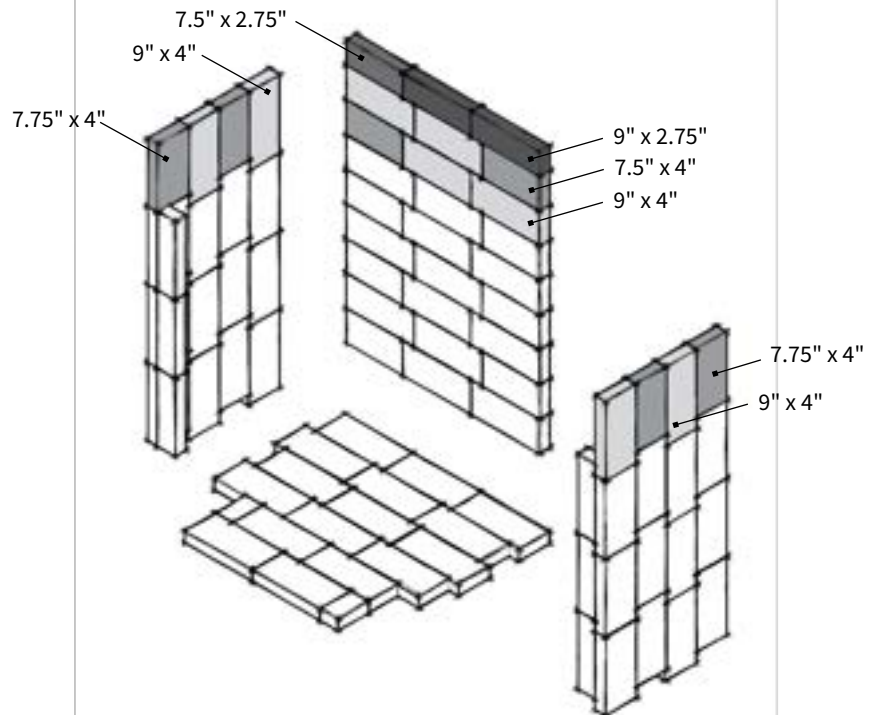


12

- A** Place and glue the remaining pieces of the firebox.
- B** Double check if all the pieces are completely flushed against the inside wall of the fireplace.

USE:

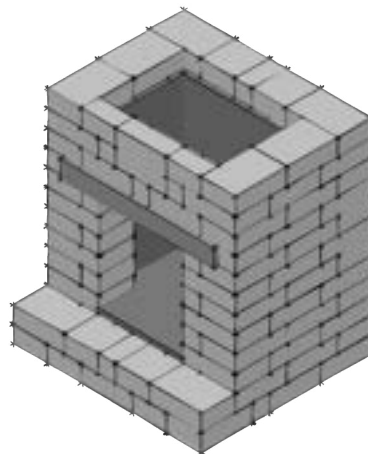
- (1) 7.5 x 2.75 Fire Bricks
- (2) 7.5 x 4 Fire Bricks
- (4) 7.75 x 4 Fire Bricks
- (2) 9 x 2.75 Fire Bricks
- (8) 9 x 4 Fire Bricks



13

- A** This shows how the fireplace will look when all the firebricks installed.

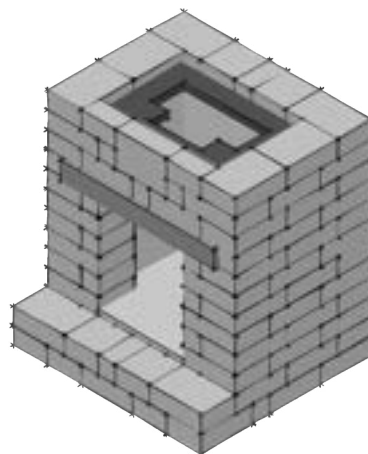
⚠ Warning: Only use Silicone when securing the Fire Brick. Allow Silicone to set 2 hours before installing the Firecap.



14

- A** Apply high temperature silicone to the tops of the firebrick as well as to the quarry stone supports on the front.
- B** Install the Firecap on top of firebrick as indicated in the diagram.

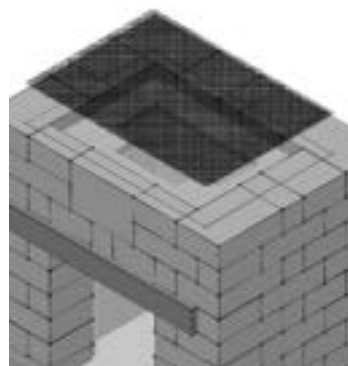
USE:
Firecap



15

- A** Place the spark arrestor at the top of the fireplace setup as shown.

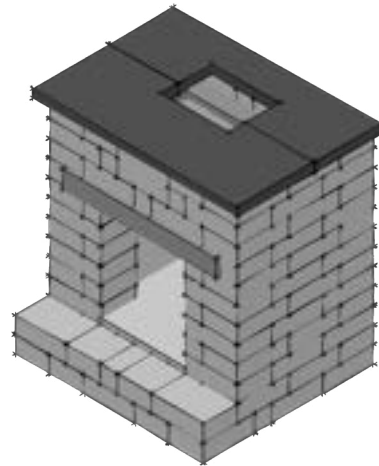
USE:
Spark Arrestor



16

- A** Place the mantle on to the twelfth layer as indicated in the diagram.
- B** This is best done with two people. Adjust the mantle as needed to ensure that it is centered and has a 2" overhang on both sides and the front.

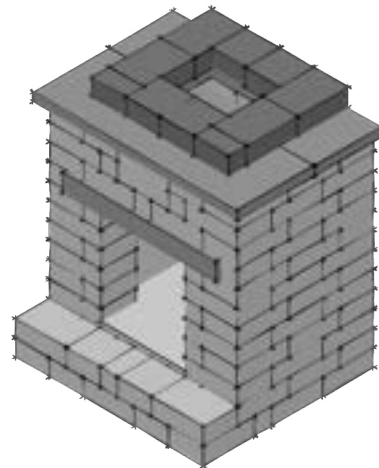
USE:
Mantle 2 (Front and Back)



17

- A** Lay out the thirteenth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.
- C** Glue this layer down with the included landscape adhesive.

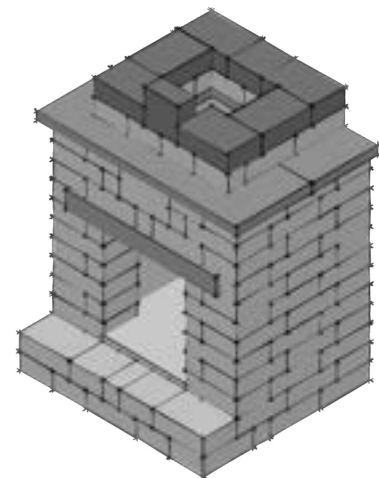
USE:
(4) 12 x 8 Sierra Grey blocks
(4) 8 x 8 Sierra Grey blocks
(2) 4 x 8 Sierra Grey blocks



18

- A** Lay out the fourteenth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

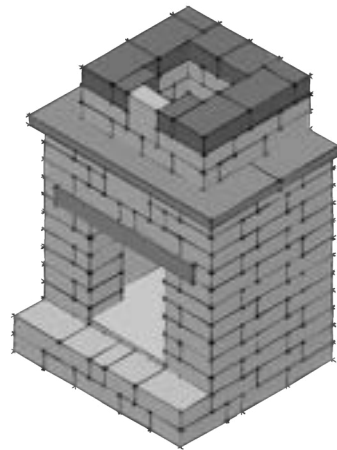
USE:
(6) 12 x 8 Sierra Grey blocks
(2) 8 x 8 Sierra Grey blocks



19

- A** Lay out the fifteenth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

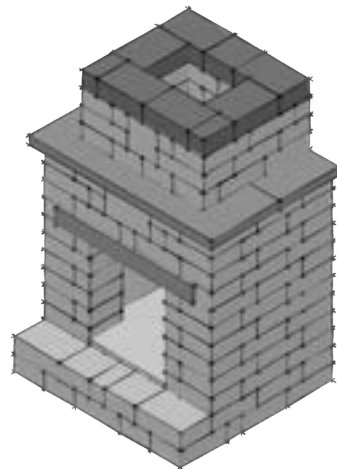
USE:
(4) 12 x 8 Sierra Grey blocks
(2) 8 x 8 Sierra Grey blocks
(4) 4 x 8 Sierra Grey blocks



20

- A** Lay out the sixteenth layer as shown in the diagram.
- B** Check that stones are level. Use included shims for adjustments.

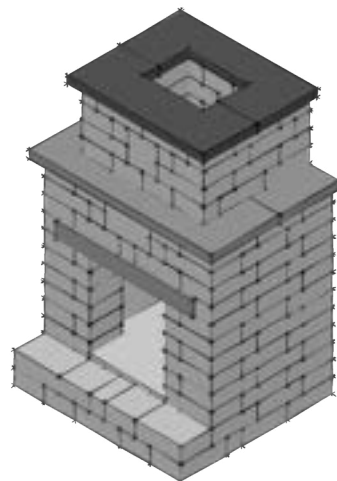
USE:
(6) 12 x 8 Sierra Grey blocks
(1) 8 x 8 Sierra Grey blocks
(2) 4 x 8 Sierra Grey blocks



21

- A** Place the mantle on to the sixteenth layer as indicated in the diagram.
- B** This is best done with two people. Adjust the mantle as needed to ensure that it is centered and has a 2" overhang on both sides and the front.

USE:
Mantle 3 (Front and Back)

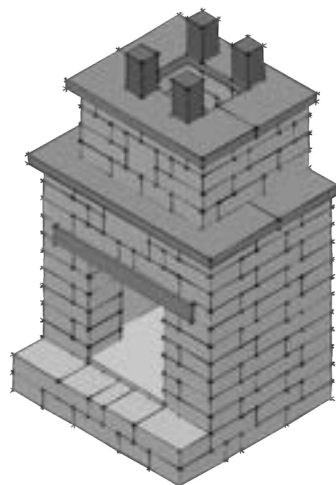


22

- A** Place the Quarry Stone as shown in the diagram.
- B** Glue pieces to the mantle using the adhesive provided.
- !** Allow glue to set 2 hours before installing Firecap.

USE:

(4) 4 x 8 Sierra Grey blocks

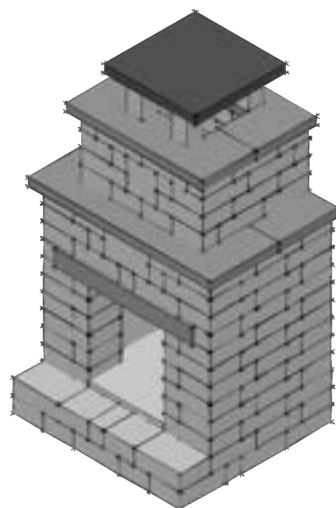


23

- A** Place the cap on to the Quarry Stone as shown in the diagram.
- B** This is best done with 2 people. Glue cap using included landscape adhesive. Adjust cap to ensure it is centered with a 2" overhang on front and back, and 4" overhang on the sides.

USE:

Mantle 4

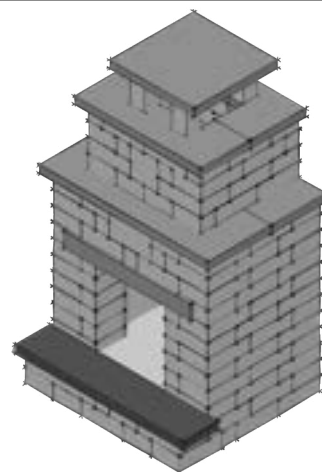


24

- A** Place the Fireplace Hearth on the Quarry Stone as shown in the diagram.
- B** Glue the cap where it contacts the Quarry Stone below using the included landscape adhesive.
- C** Adjust hearth to ensure it is centered with a 2" overhang on both sides.

USE:

Fireplace Hearth



STOP Allow 72 hours for glue and silicone to set before first use.

AFTER INSTALLATION

CURING INSTRUCTIONS

Upon installation of your new fireplace, there are still small amounts of moisture needing to work their way out of the firebox. If you immediately begin to build large fires in your fireplace, you will compromise your fireplace longevity and can ultimately cause damage, including cracking. It is then important to build fires slowly to cure the fireplace in preparation for use.

The first day of firing, the temperature should stay close to 100 °C without exceeding it. A suggested way to do so is by building a fire in a separate location, and placing the hot coals into the fireplace floor. Gradually build up from this point to larger and larger fires for 4-5 days.

Due to thermal expansion, surface cracks may appear in the firebox. This is normal, and will not affect the quality of your fireplace.

OPERATING INSTRUCTIONS

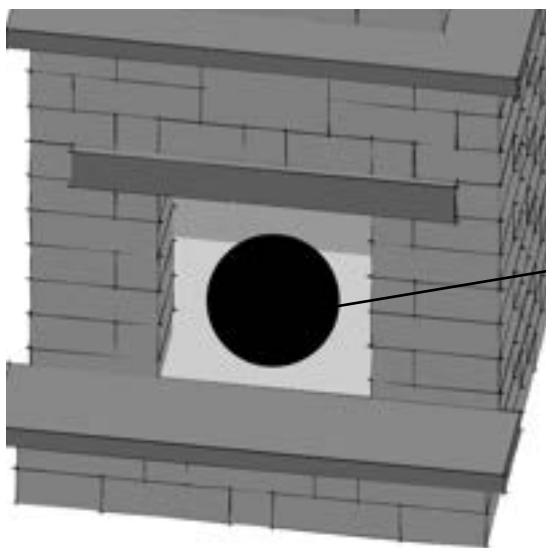
Your fireplace is designed to be used with natural, dry wood products only. **DO NOT USE:** charcoal, pressure treated lumber, chipped wood products, sappy wood (such as pine), Laminated wood, or any material other than medium or hard natural firewood. Using wood that is not dry will cause the fireplace to emit a considerable amount of smoke and could also cause permanent damage.

⚠ WARNING: DO NOT ADD ANY ACCELERANTS OR OTHER NON-WOOD PRODUCTS FOR FIRING, as this can compromise the integrity of the fireplace firebox, leading to risk of product failure and personal injury. Make sure to avoid extreme heat when in use to prolong the life of your fireplace.

DO NOT USE LIQUID FUEL (firelighter fluid, gasoline, kerosene or similar liquids) to start or maintain a fire. Do not use water to lower the temperature or extinguish fire in a fireplace.

Size of fire should never be bigger than the back of the firebox.

DO NOT BUILD THE FIRE SO THAT FLAMES EXIT THE FIREBOX OPENING. See illustration below.



Fire should be limited to within the firebox, as the shaded circle shows.

MAINTENANCE INSTRUCTIONS

Make sure that the fireplace is completely cool before inspecting and cleaning it.

Cleaning the Fireplace

1. Make sure that your fireplace is completely cool before inspecting and cleaning it. If fire previously made was a large one, probe through the ashes with a poker or fireplace shovel. Slowly shovel the ashes into a metal container with a tight-fitting lid. This container should be stored on a non-combustible surface, away from fire hazards. Ensure ashes are completely cold before disposing of them appropriately.
2. Use a wire brush to clean the firebox floor.
3. If you have doubts on your ability to clean the fireplace, have it cleaned by a professional. If you were to clean it yourself, make sure to use a brush to clean the inside and outside of your fireplace.
4. If smoke marks begin to appear on the exterior of the fireplace, apply the silicone provided from the interior of the fireplace to fill in any gaps between the quarry stones.

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