Summit Stone® Corner Outdoor Fireplace
Installation Guidelines and Concrete Pad Preparation

Before beginning any outdoor fireplace project, make sure to check with your local building inspector regarding open fire regulations in your area.

It is recommended that any Summit Stone fireplace be installed on a 5” (minimum) thick concrete pad with rebar reinforcement and proper footings. The pad should extend at least 6” beyond all sides of the proposed fireplace.

Note: The fireplace weighs approximately 9,500 lbs., including Summit Stone units, steel lintel, firebrick and incidental block.

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The Summit Stone Corner Outdoor Fireplace consists of 420 Summit Stone Units and the following Package of Components:

1) (54) Summit Stone special cut units (½ & ¾)
2) (2) Summit Stone special cut lintel pad units (left and right)
3) (5) 6” Concrete Block and (5) 3” Concrete Soaps for base
4) (24) 4” Concrete Block
5) (75) 2 ½” thick Fire Brick for the firebox
6) (1) 10 lb. pail of Heat Stop II refractory clay for adhering fire brick
7) (1) 47” x 3 ½” x 3 ½” steel lintel
8) (20) 8” 1/4 Concrete Block

(Est. Weight: 9,500 lbs.)

Note: Adhesive is sold separately. Approximately 20-24 tubes of adhesive will be used, depending on the quantity applied per Summit Stone unit.
Recommended Practices: Base Preparation

Concrete base must be a minimum 5" thick and rebar reinforced

Concrete Adhesive
Apply recommended landscape adhesive to secure each Summit Stone unit. See your Summit Stone sales representative for information.

Note: Landscape adhesive should only be used with Summit Stone units, not on fire brick.

CAUTION
Safety Gear Required!

Note: Always wear appropriate safety gear when cutting concrete units. Cutting should occur away from the fireplace area to avoid stains from dust or residue.
Lay out your first course as shown.

**Note:** Allow room for a 1 1/8" gap between the bottom row of the firebox and the front hearth. This will help balance the Summit Stone units laid perpendicular on the top of the hearth.

Install Summit Stone units around the firebox three courses high as shown. This is the elevation for the fireplace hearth.

**Firebox Area:** Place 6" block with 3" concrete soaps on top (do not glue).

**Base Block:** Place 4" block around perimeter of firebox floor as shown (do not glue).

The back of the firebox wall is interwoven with the fireplace sides (special cut Summit Stone 1/3 units are placed to accomplish this – see example above).
13. Build up the back of the firebox and start to build up the firebox sidewalls as shown.

14. Continue to build up sidewalls and begin front and side details.

8” 1/4 concrete block

15. Build up side pillars and front details.

16. Continue building front pillars. Lay down fire brick for the firebox floor.
17 Finish installing fire brick on the sides of the firebox.

18 **Firebox Liner Installation**
Line the sides and back of the firebox with fire brick stacked on their sides (6) rows high. It is recommended that the special Heat Stop II refractory adhesive, supplied with the components, should only be used to adhere the surfaces of fire brick to each other. *Do not adhere fire brick to the Summit Stone units.*

19 Place specially cut Summit Stone lintel pad units, lintel and sidecaps.

20 Set Summit Stone units across lintel.
Start constructing the base of the chimney.

Step in 1 7/8" (All 4 sides)

Finished Summit Stone Corner Outdoor Fireplace.

Step units in or out 1 7/8" on ALL 4 SIDES as shown on successive courses for a tapered chimney. Stepping units in or out by 1 7/8" on each side equals one third of a Summit Stone unit. This keeps alignment proportionate and eliminates extra cutting of units.

View of Back and Side

Additional View of Completed Summit Stone Corner Outdoor Fireplace.
Seasoning an Outdoor Fireplace (30-60-90 Rule)

The industry recommends a gradual seasoning for any outdoor wood burning fireplace.

After the Summit Stone Corner Outdoor Fireplace construction is completed, follow these guidelines for the 30-60-90 Rule.

Day 1

Seasoning an Outdoor Fireplace (30-60-90 Rule)

Build a small wood fire in the fireplace that will burn for approximately 30 minutes and extinguish itself. Let the unit cool completely for a minimum of one day.

Day 2

Seasoning an Outdoor Fireplace (30-60-90 Rule)

After sitting for one day, start a fire capable of burning for 60 minutes. Let the fire extinguish itself and allow the unit to cool completely for a minimum of one day.

Day 3

Seasoning an Outdoor Fireplace (30-60-90 Rule)

On Day 3, build a fire capable of burning for 90 minutes. Let the fire burn out and allow the unit to cool completely.
Proper installation and seasoning techniques will preserve the beauty and integrity of a Summit Stone Corner Outdoor Fireplace for years of enjoyment.

Disclaimer: This is a basic outdoor fireplace kit design. Outdoor fireplaces should always be constructed by a knowledgeable professional. Location, chimney height, live snow and prevailing winds can affect the performance of an outdoor fireplace. County Materials cannot guarantee the performance or structural integrity of this fireplace. Use only industry accepted materials, cements and adhesives when constructing an outdoor fireplace. Always observe building codes and local bylaws.