

# BUILDING STRONGER

WITH PPC

HOW TO BUILD  
A BRAAI STAND



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# A STEP-BY-STEP GUIDE TO BUILD A BRAAI STAND

## TOOLS

Wheelbarrow  
Tape measure  
Spirit level  
Shovel  
Builders bucket  
Mortar trowel  
Straight edge  
Hammer  
Pointing and Grooving tool  
Stiff bristle brush  
Wood float  
Shovel

## MATERIALS

PPC SURECEM cement  
Bricks  
Table top  
Burning tray  
Braai grill  
Building Sand  
Metal Tie

## SAFETY

Safety shoes (steel toe)  
Overalls  
Gloves  
Dust Masks  
Googles

### STEP 1

POUR THE CONCRETE SLAB

### STEP 2

DRY FIT THE BRICKS

### STEP 3

LAY THE FIRST COURSE

### STEP 4

LAY THE FOLLOWING TWO  
COURSES

### STEP 5

LAY THE GRILL, BURNING TRAY  
AND TABLE SUPPORTS

### STEP 6

LAY THE FINAL COURSES

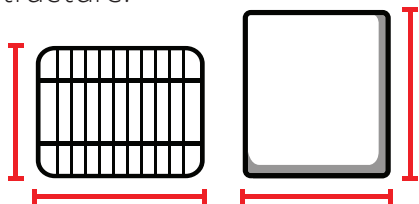


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# STEP ONE POUR THE CONCRETE SLAB

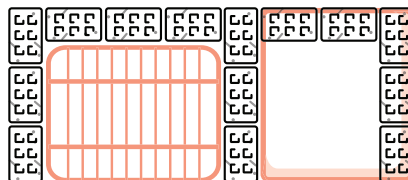
1

Using the braai grill and table top as guides, determine the size and placement of the brick braai structure.



2

Bricks go around the perimeter of the grill and under the table top.



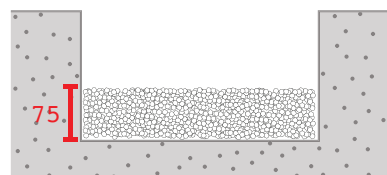
3

Excavate the area to a depth of 200mm. Level and compact the ground.



4

Add crushed stone to a height of 75mm. Compact and level the area again.



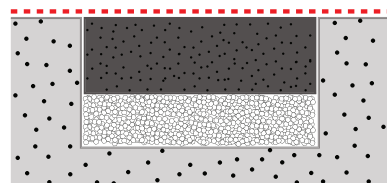
5

Use the PPC Builders App Calculator from [ppc.africa](http://ppc.africa) to obtain the volume of concrete you require. Mix the concrete using the guidelines found at the back of the PPC SURECEM cement bag.



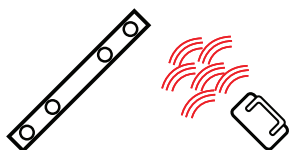
6

Place concrete on top of compacted crushed stone until the hole is filled to ground level. Compact the concrete to expel all air.



7

Smooth and level the slab using a straight edge and wood float.



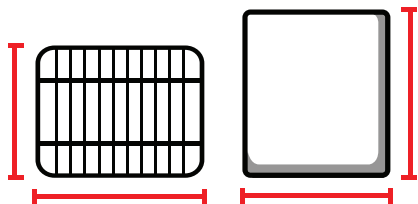
Follow the curing process described on the back of the PPC SURECEM bag. The concrete should be hard enough to work on after 24-48 hours.



## STEP TWO DRY FIT THE BRICKS

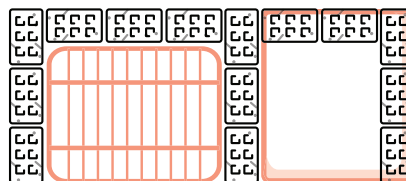
1

Lay the braai grill and tabletop in the area you measured earlier.



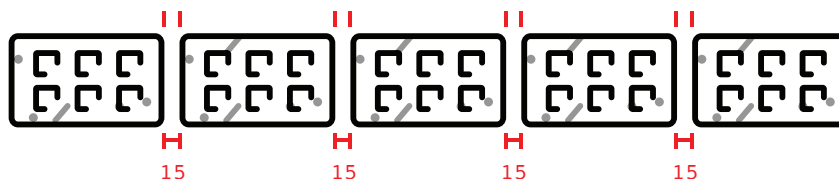
2

Lay out the first level of bricks using the braai grill and tabletop as guides.



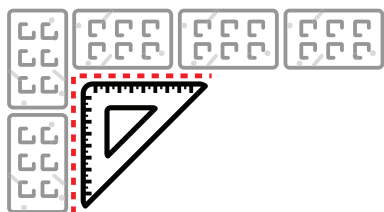
3

Lay the bricks end to end around the perimeter of the braai grill and under the table top, leaving a 10 - 15mm gap between each brick to account for the mortar.



4

Use the builders' square to make sure the bricks are perfectly square at the corners.



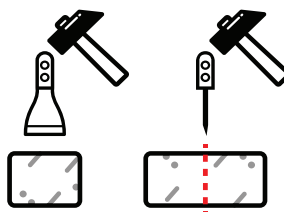
5

Mark the outline of the bricks to use as a guide while laying the bricks.



6

If the bricks do not fit properly, you can use a cold chisel or brick bolster to cut them.



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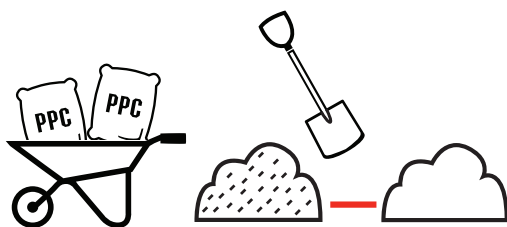
# STEP THREE LAY THE FIRST COURSE

1

Mix PPC SURECEM cement with building sand on a clean hard surface.

Use the PPC Builders App Calculator from [ppc.africa](http://ppc.africa) to obtain the volume of mortar you require.

Mix the mortar using the guidelines found at the back of the PPC SURECEM cement bag.



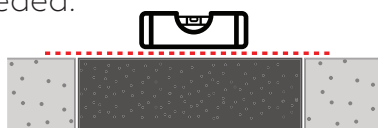
2

Make a hole in the centre. Slowly pour in small amounts of water and mix well. The mixture should be of a mud-like consistence that spreads easily.



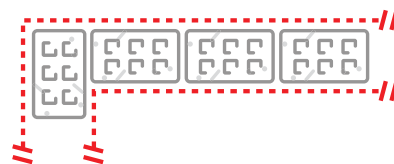
3

Check the level of the concrete slab before spreading the first layer of mortar. Add more mortar if needed.



4

Trowel a generous layer of mortar along the marked lines where the bricks will sit.



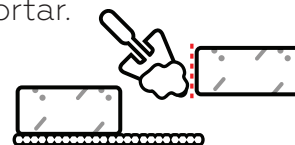
5

Lay the first brick by pressing it gently into the mortar so that the mortar is about 10 – 15 mm thick.



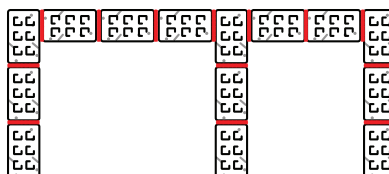
6

Apply a layer of mortar to one end of the next brick before butting it against the first and pressing it into the mortar.



7

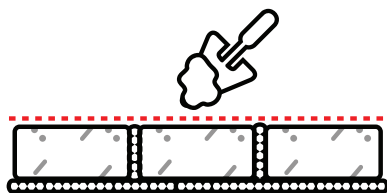
Remove excess mortar as you work. Continue working in this fashion until the first course has been laid around the marked base of the braai.



# STEP FOUR LAY THE FOLLOWING TWO COURSES

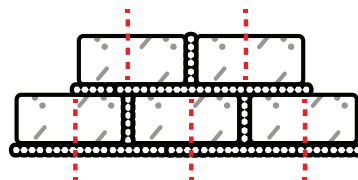
1

Apply mortar to the top of the previous course.



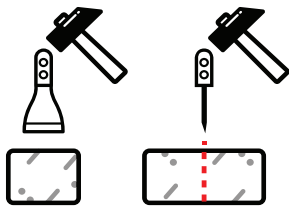
2

Start at the corners and lay another two courses of bricks. Lay the first brick by pressing it gently into the mortar, making sure to stagger the joints.



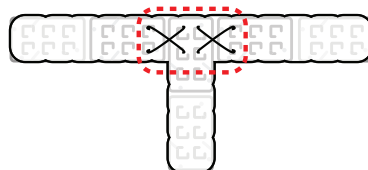
3

Bricks may need to be cut with a brick bolster for a proper fit.



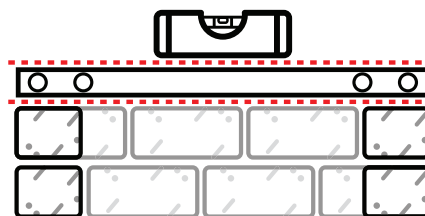
4

Insert a metal tie into the mortar to join the inner wall to the longer rear wall, giving the finished structure added strength.



5

As often as possible, use the straight edge and spirit level to check that the two sides and inner wall are level and that your structure is square.



# STEP FIVE LAY THE GRILL, BURNING TRAY & TABLE SUPPORTS

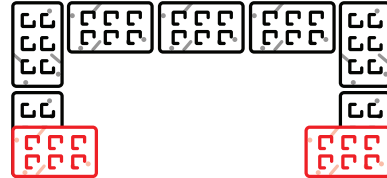
1

Starting with the fourth course, and continuing with every other course, turn some of the bricks 90° so they jut out into the braai.

These will serve as the burning tray braai grill support ledges.



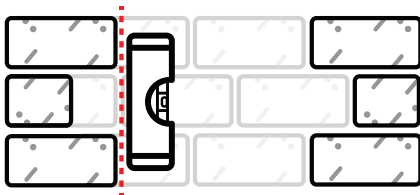
FRONT VIEW



TOP VIEW

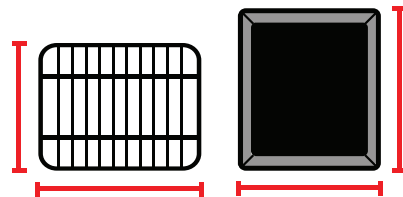
2

Use a spirit level to ensure that the bricks jut out equally and that they remain aligned.



3

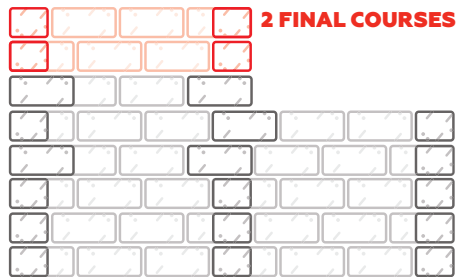
Ensure that you measure the width of the burning tray and grill to be sure of a good fit.



# STEP SIX LAY THE FINAL COURSES

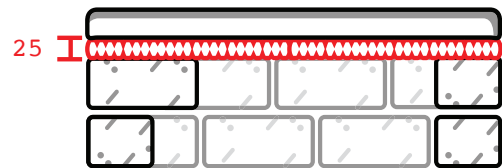
1

Complete another two courses on walls surrounding the grill area. Leave the brickwork to cure for a couple of hours.



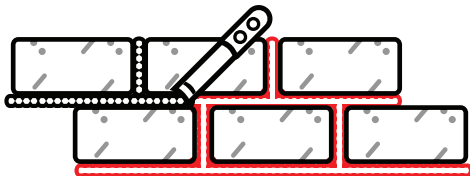
2

Set the tabletop on a thick ( $\pm 25$  mm) bed of mortar laid on the ledges formed on the internal wall by the turned bricks and on the top course of the rear and remaining side wall.



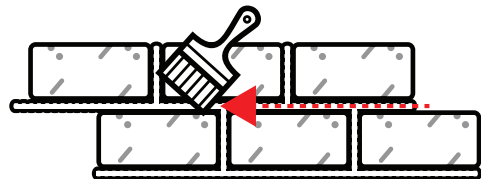
3

Use the pointing and grooving tool to rake and smooth the joints to create concave depression in the mortar before it stiffens.



4

Once the mortar has set, use a stiff brush to scrape off remaining bits of loose mortar.



**IMPORTANT NOTE: WHILE ALL INFORMATION IN THE GUIDE IS SUPPLIED IN GOOD FAITH, NO LIABILITY CAN BE ACCEPTED BY PPC AS ACTUAL USE IS BEYOND ITS CONTROL.**

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