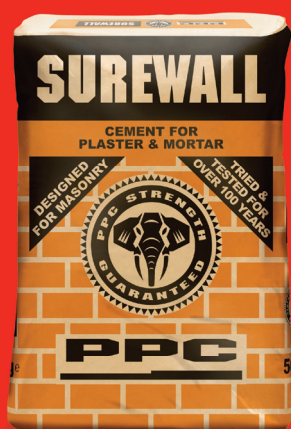


# BUILDING STRONGER

WITH PPC

HOW TO BUILD  
A BRICK WALL



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# A STEP-BY-STEP GUIDE TO BUILDING A BRICK WALL

## TOOLS

Square Nose Spade  
Tape Measure  
Builders Hawk  
Builders Bucket  
Hammer  
Nails  
Brick Bolster  
Mortar Trowel  
Spirit Level  
Builders String Line  
Builders Steel Square  
Builders Profiles  
Wheelbarrow  
Straight Edge

## MATERIALS

PPC SUREWALL  
Building Sand  
Potable Water  
Bricks  
Brickforce Wire

## SAFETY

Safety shoes (steel toe)  
Overalls  
Gloves  
Dust masks  
Googles

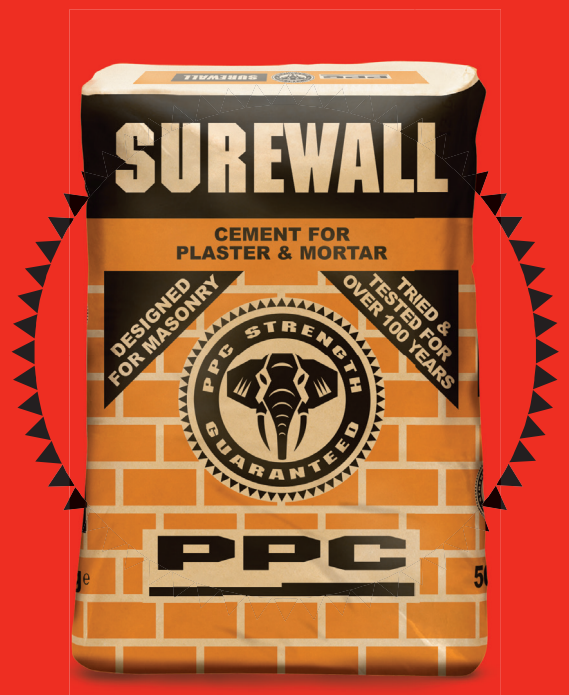
**STEP 1**  
MIXING MORTAR

**STEP 2**  
SETTING OUT

**STEP 3**  
DRY FIT THE  
BRICKS

**STEP 4**  
LAYING THE FIRST  
COURSE

**STEP 5**  
LAYING  
BRICKFORCE



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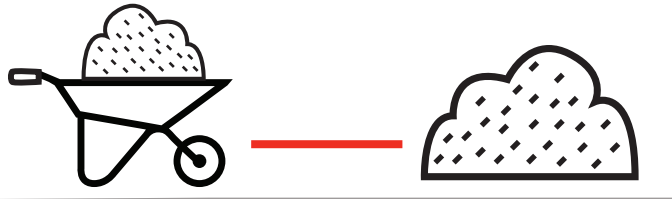
# STEP ONE MIXING MORTAR

1

Mix the PPC SUREWALL cement on a clean, hard surface.

Fill each required wheelbarrow of aggregate and strike it off level to the brim.

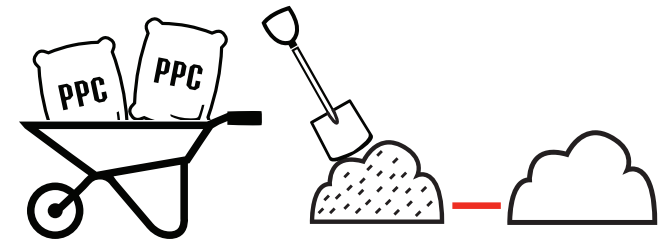
Place on a shallow heap on a plain hard and clean surface.



2

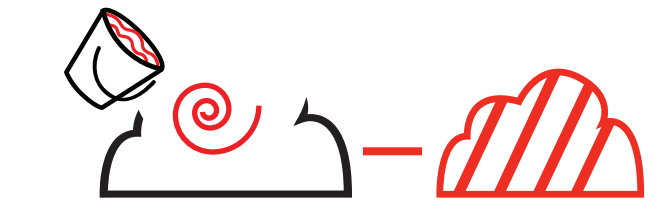
Add PPC SUREWALL cement on top of the aggregates.

Mix PPC SUREWALL cement and aggregates until uniform in colour.



3

Create a hollow in the center and slowly add water while mixing until the consistence of a thick paste has been achieved.

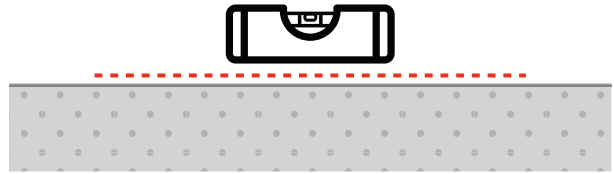


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## STEP TWO SETTING OUT

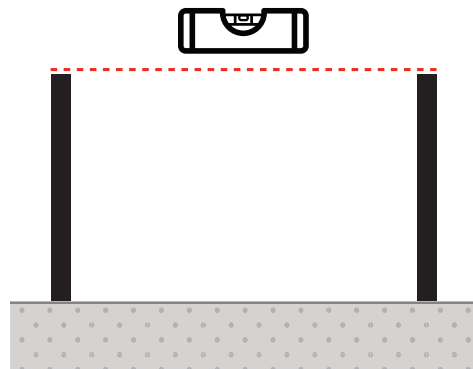
1

Using a spirit level, check that the concrete foundation is level and mark the outline of where the bricks should be placed.



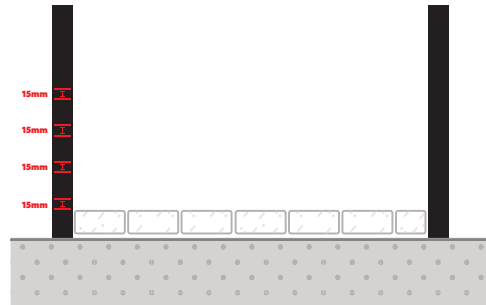
2

Ensure that the profiles are level and aligned with the wall path. This can be checked by a spirit level, builders line and supporting profiles to keep it to position.



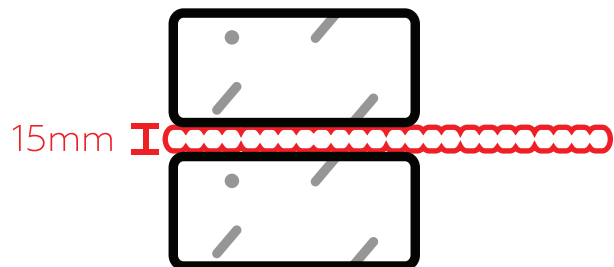
3

Mark off brick courses on the peg situated at the highest ground level from the concrete foundation.



### Remember:

Add 10-15 mm for mortar between the bricks.

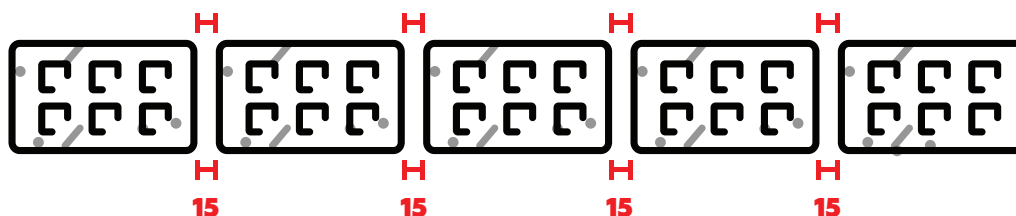


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## STEP THREE DRY FIT THE BRICKS

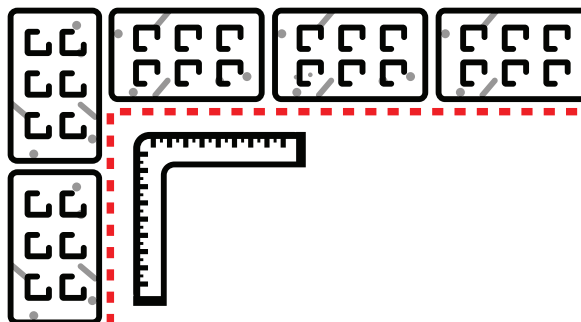
1

Lay bricks without mortar so that they form a corner joint leaving 10 – 15 mm spaces between bricks for Mortar.



2

Ensure bricks are perfectly square at corners using a builder's steel square.

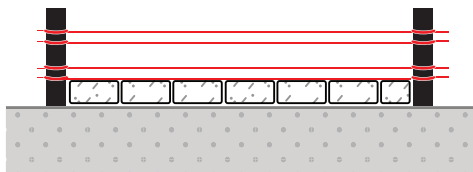


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# STEP FOUR LAYING THE FIRST COURSE

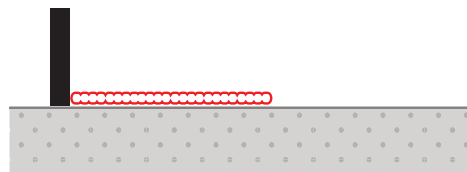
1

Use a builders line (fishing line) as height guide for your brick courses.



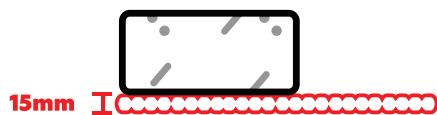
2

Remove bricks and lay a bed of mortar.



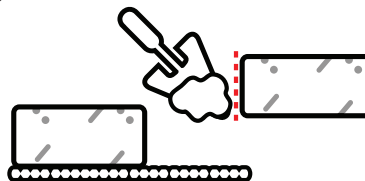
3

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



4

Apply layer of mortar on one end of second brick before butting it against first brick.



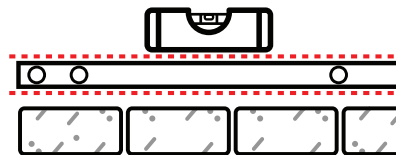
5

Remove excess mortar as you lay bricks. Continue this until first course is finished.



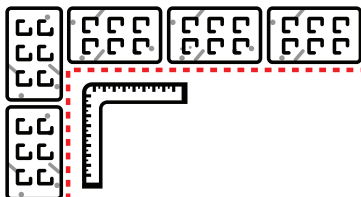
6

Check if the brick course is square and level using a straight-edge and spirit level.



7

Check all corners if they are square using a builder's steel square.



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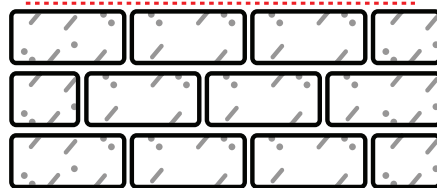
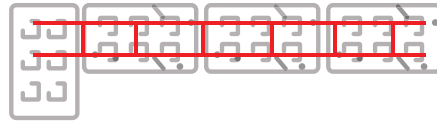


# STEP FIVE LAYING BRICKFORCE

1

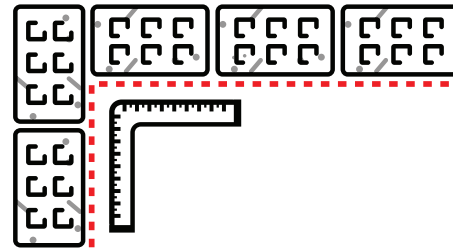
Unroll and place brickforce wire on surface of third completed course (unless specified), using bricks to position it in place.

Imbed Brickforce Wire on mortar after every third brick course, ensuring that it does not protrude/overlap



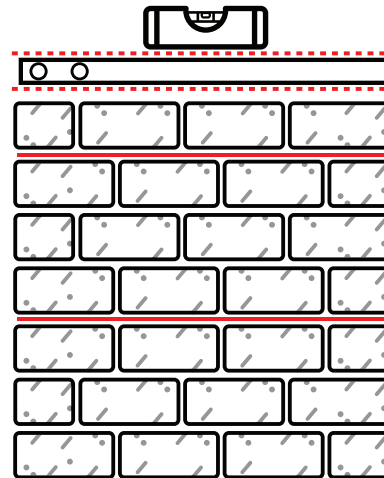
## Remember:

Add 10-15 mm for mortar between the bricks



2

Repeat until desired brick height is achieved, remember to regularly check that the two sides and inner wall are level, perpendicular and that the structure is square.



**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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