

# PINCKNEY GREEN

## STONE | FIRE | WOOD

### **Fireplace Installation Guide**

#### **Laying the Inner/Outer Hearth**

Mix a wet sand/cement mix at a ratio of 6 to 1. Lay the hearthstones down on a bed of cement and use a spirit level to ensure that both the outer and inner hearths are flat and true in all directions. You will need to leave a 4mm gap between the stones for pointing. The finished floor level in the room will need to be considered when bedding down the hearths.

#### **Installing Chamber stones**

If you are installing a stone chamber first check the dimensions of the stones carefully. We'd highly recommend having a dry run with the stones placed in situ.

Next you will need to liberally apply PVA glue to the inside of the chamber and also to the back of the stone slabs. This helps to seal in dust, creating a good surface to bond with. Once the PVA glue has dried, stick some more sand/cement mix on the back of the slabs and slap them up against the back of the chamber. Use a spirit level to check they are vertical. Use the same method for the chamber sides. Leave a 4mm gap between the stones for pointing.

#### **Fixing Legs to the Wall**

Drill a hole in the top of each leg in the rebate provided, then fill with a wall plug. Place the legs on the outer hearth carefully. No cement mix is required between the stones.

Next ensure the distance between the outer edges of each leg and the lengths of the header stone are the same. Use a straight edge to butt up against the bottom of both legs to ensure they are in line with each other. Using a spirit level ensure the legs are vertical and true in all directions.

Mark a hole in the wall for the bracket, and drill. You may want to Hoover up the dust as you drill as some brick dust can stain the stone. The brackets can then be fixed and the legs can be screwed to the wall. Spacers or packing may be required between the legs and the wall, if the wall is not vertical.

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## Installing Slips

If you are installing slips, place the slip legs in the rebates provided. Then place the header slip on top of the legs. Make sure the slips are central and aligned. Place some spacers in behind the slips, then use some more sand/cement mix to fix the slips and seal the gap behind them.

## Header

Fix the brackets to the rebates provided on the header (follow the same process used for fixing the legs). Place two metal spacers on the top of each leg. Place the header on the legs. Fix the header to the wall.

## Mantle Shelf

Using the glue provided, fix the mantle shelf to the top of the header. A dry test run may be useful to check the correct fit. A small overhang at the front and sides should be visible.

## Pointing

The fireplace is now ready to be pointed. A mix of 6 to 1 should be used of 6 x stone dust to 1 x white cement. A trowel can be used to apply the pointing mortar to the gaps between the stones. E.g. where the legs meet the header, where the hearthstones meet, where the fireplace meets the wall, between the header and the mantle shelf. The excess mortar can be washed off the stone using a wet sponge. Ensure that all the excess mortar has been removed by refreshing the bucket with clean water regularly. You may choose to lightly sand the edges of the fireplace with some medium grade sand paper to achieve a smoother finish. Any dust can then be removed with the wet sponge.



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If you have any queries on these installation instructions please contact us at Pinckney Green Fireplaces on 01179 372 555

**Installation Kit Includes:**

4X Metal Spacers, 4 X Metal Brackets, Stone Dust, White Cement, Tube of Glue

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