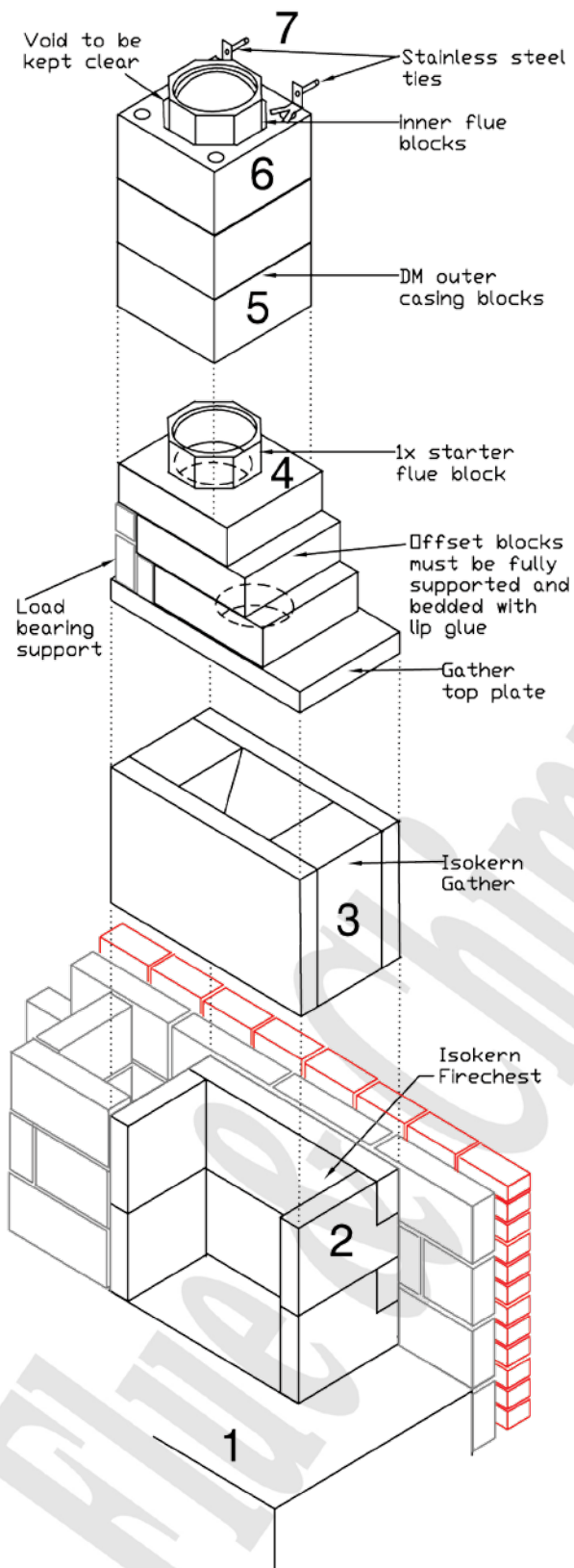


# Double Module Open Fire Brick Stack 1



1) Construction begins by bedding the first block of the Firechest onto a suitable foundation/constructional hearth in accordance with Building Regulations using Isokern lip glue.

2) Install the firechest using lip glue making sure all elements are level. 100mm of brick/blockwork must be built around the sides and back of the firechest to comply with building regulations. The inside of the firechest must be finished with a suitable fireback or firebrick slips.

3) Install the gather using lip glue making sure all elements are level. The front face of the gather can be finished with plasterboard on dabs. The maximum load bearing capacity of the ISOKERN firechest and gather is 2500kg.

4) Offset blocks 'if required' must be glued together with lip glue and be fully supported. Please note a chimney should be built straight where ever possible. A starter flue block will be required above the offset blocks to stagger the joints between the outer casing and inner flue blocks.

5) Bed the first outer casing onto the gather top plate or offset blocks using lip glue making sure the rebate (raised lip) is uppermost. The starter flue block is then put inside the casing bedded with lip glue. The socket on the starter flue block must be uppermost and the air gap between the starter flue and the casing should be kept clear. Lip glue joints should be approximately 2mm thick, a special bag is provided for ease of application.

6) Casings and flue blocks are added using lip glue for all joints. Ensure the air gap between the inner flue and outer casing remains clear. The outer surface of the casings to be finished with plasterboard on dabs or plaster. The side that faces the wall does not need an external finish.

7) External chimneys must be tied to the structure at maximum intervals of 1.5m and at the point where it departs from the roof using 2 x suitable stainless steel wall ties. These are fitted into the casing joints and are not always required for internal chimneys. Please consult the Isokern technical office.