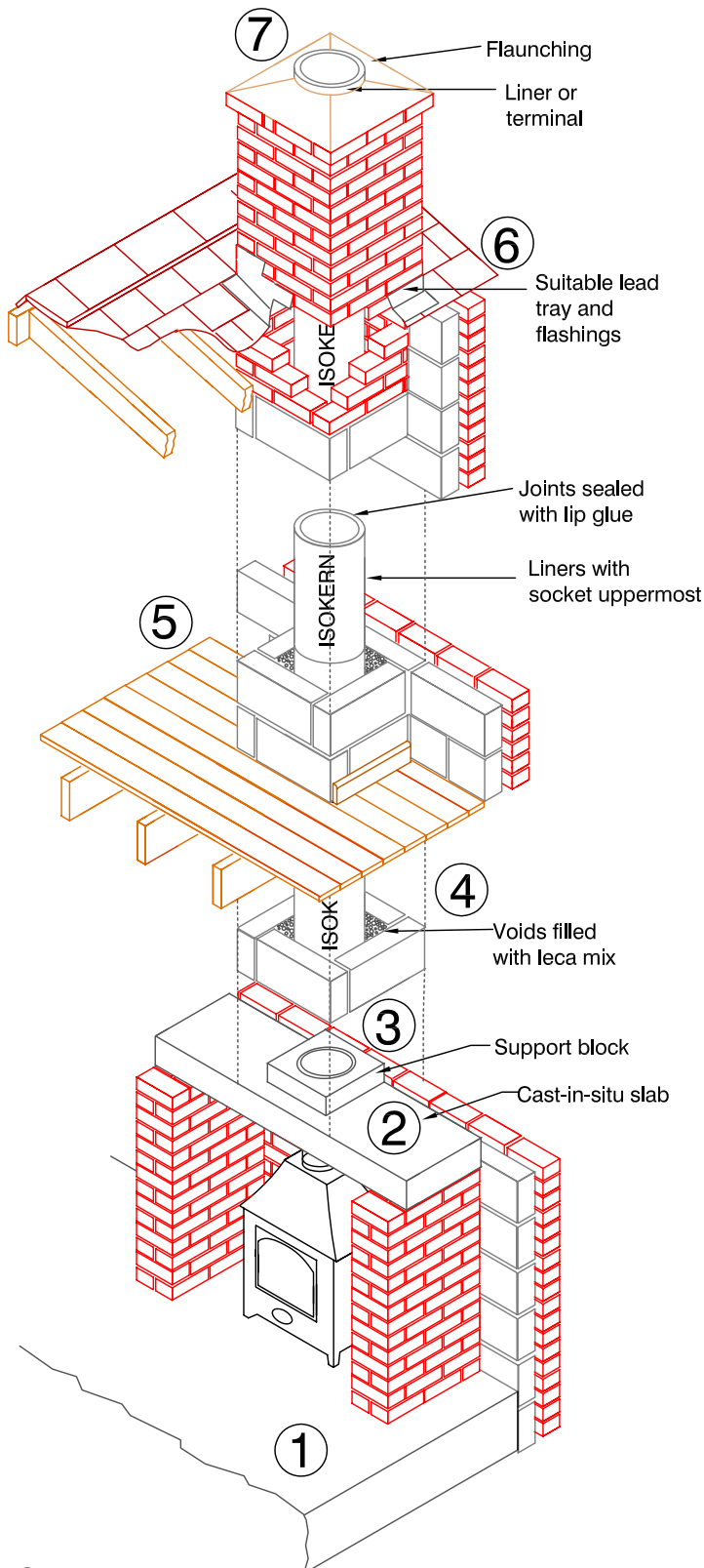


### LINER INSTALLATION GUIDE FOR CONNECTING TO AN APPLIANCE VIA SUPPORT BLOCK



1) Construction begins by providing a suitable foundation/constructional hearth in accordance with Building Regulations.

2) A suitable cast-in-situ concrete slab lintel must be provided above the fireplace recess. (See appropriate Isokern standard drawing for hole size). It is recommended to have a minimum of 600mm of flue pipe before connecting to the chimney.

3) The support block is bedded onto the lintel using lip glue. A stainless steel adaptor is used to connect from the support block to the stove flue pipe. This adaptor is pushed up onto the support block spigot, it is supplied with a fibre rope seal.

4) The flue liners are installed socket uppermost and sealed with Isokern lip glue. Clad the liners with a minimum of 100mm thick suitable masonry. A minimum thickness of 15mm leca insulation must be installed between the liners and masonry. Mix 20 parts leca to 1 part opc cement and a small amount of water.

If bends are required in the chimney make sure adequate support is provided for the surrounding masonry. A steel collar as well as lip glue must be used for any cut joints. A maximum of 2 complete offsets (4 bends) are allowed per chimney and the angle must not be greater than 45° from the vertical.

5) You must provide adequate clearance from combustible material in accordance with Building Regulations. Combustible material must be 200mm from the inner surface of flue liner or 40mm from the outside of the masonry chimney unless it is a floorboard, skirting board, dado or picture rail, mantel-shelf or architrave.

6) Fit appropriate dpc's and flashings in accordance with the architects requirements and good building practice. Isokern recommend that the dpc's should be dressed up the outside of the flue liners.

7) Terminate the chimney to the correct height in accordance with document J of the Building Regulations. The chimney can be finished by flaunching (1:3 cement/sharp sand) either around the Isokern flue liner or a suitable chimney pot.