

Block Liner System Installation Instructions

The Block Liner System is ideal to use in new build situations and existing properties when used in conjunction with traditional materials - brick/block/stone.

If these simple instructions are followed it will result in a first class chimney, suitable for use with gas and oil (with the exception of condensing boilers), solid fuel and wood burning appliances.

The Block Liners must be supported on suitable foundations to comply with building regulations.

If a stove is to be installed an adaptor should be used. This can be placed on 2 pre-formed concrete lintels or cast in situ - Details available on request.

If the Block Liners are to be used for an open fire then a suitable gather should be used.

The Block Liners must be installed the correct way up with the socket facing uppermost and the male spigot facing downwards.

Block liners should be built straight whenever possible although bends may be incorporated if necessary.

Each block should be glued together using a 12mm bead of lip glue around the inner socket (approximately 1 bag per 12 blocks). Ensure any excess lip glue is removed from the joints on the inside of the liner.

The Block Liners must be surrounded by a minimum of 100mm masonry, in accordance with building regulations. Due to the high insulation value of the Block Liners masonry can be built against the liners and no provision for expansion is necessary.

If there is a void between the Block Liners and masonry there is no requirement to insulate it when using Liners with an internal dia of less than 300mm.

When using 300mm or 350mm Block Liners a minimum gap of 25mm should be maintained between each face of the Liner and the masonry. This void must be backfilled using Anki Leca (Part no. 030/LECA50). Wet the Leca insulation with a small amount of water and mix well with cement using a 15:1 Leca : Cement mix.

Offset Chimneys

If a bend is required, it should be angled at no more than 45° to the vertical. To make the bend, the block liner can be cut at an angle and one end rotated 180° and then glued back together using lip glue. When a bend is incorporated into a chimney, it must suitably supported.

A traditional flashing should be used where the chimney passes through the roof line.

New Building Regulations for England/Wales and Scotland require that a Chimney Data Plate must be placed in an unobtrusive but obvious position (ie. Electricity box). This applies to all new build chimneys.

