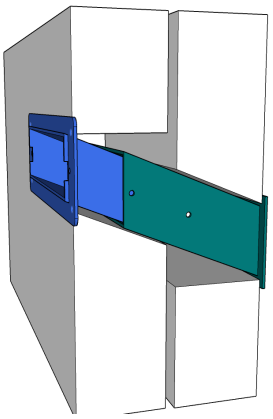
Building the LS24 Lincoln into an existing brick wall

Cut a hole 260m wide by 75mm high at the required letterplate position as shown. Note the shape of the bottom cutout, the top should be cut perpendicular to the wall.

- The angle of the slope is 22 degrees

Cut a hole in the rear face of the wall 265mm wide by 88mm high. The horizontal position of the rear cutout should be central to the front cutout. The vertical position is determined by the depth of the wall. For a standard double brick wall (215mm thick), the top of the rear hole will be approximately 80mm below the top of the front hole. For a standard cavity wall (280mm and shown in the illustration) the distance will be approximately 106mm.



• A = 80mm for a standard double wall • A = 106mm for a standard cavity wall • H = 88mm, the overall height of the cutout • W = 265mm, the overall width of the cutout

The angle of the slope is 22 degrees. The angle of the top of cutout should follow this as close as possible. The bottom cutout is not so critical and can be perpendicular to the wall.

The rear chute has 2 sets of securing holes, the set required will depend on the depth of the wall. The diagram shows the set for thinner walls. Place 2 nylon washers onto each of the 2 securing bolts and loosely screw into the securing holes. Position the washers as shown.

Apply a small bead of clear silicon around the top and sides (not the bottom) of the flange on the rear section, then with the help of an assistant slide the front and rear sections together through the gaps in the wall. The securing bolts should locate in the adjustment slots of the front section. Ensure that there is a nylon washer either side of the adjustment slot as illustrated.

Keeping the sections in place, tighten the 2 securing bolts.

Where the letterplate meets the wall, run a bead of clear silicon around the top and sides (not the bottom), also seal the internal joint by running a bead of silicon on the inside of the chute where the front and rear sections meet.

Drill the 4 corner flange fitting holes 45mm deep using a 6mm drill bit. Screw in the 4 concrete screws using a battery drill and the TORX bit supplied.

Place a shoulder washer over each of the socket set screws and use to secure the Lettasafe letter plate to the chute assembly.