

# Cavity Screw Ties:

## Step-By-Step Guide

Cavity screw ties from Bluebird Fixings are one of our bestselling products here at BS Fixings, attracting several favourable reviews. The product is particularly easy to use and no special tools or skills are required to achieve professional, lasting results.



Here is a short, step-by-step guide to installing cavity screw ties...

- 1) Prepare. Make sure that all existing walls are completely sound, free from any major defects. Clean the area thoroughly.
- 2) Drill pilot holes into the wall at an angle 45mm deep, allowing five ties for each square metre of wall.
- 3) Insert a plug and screw tie fully into each drilled hole.
- 4) Bend up or down to suit new work, bedding the ties into the mortar joints.
- 5) Bricks, block or stone can then be laid in the normal way.

Here are some tips to help ensure professional results when installing cavity screw ties:

- The correct length of wall tie can be ascertained using Table 5 of Approved Document A of the Building Regulations
- Each square metre of masonry will require 2.5 wall ties and so proper measurement in advance is essential in order to ensure the correct amount of ties are sourced
- Cavity wall insulation boards usually have a maximum dimension (on the short edge) of 450mm. This is because the maximum vertical spacing of ties is also 450mm (horizontal spacing should not exceed 900mm)
- Each tie should be set a minimum of 50mm into BOTH leaves of masonry
- Ties should be installed with a slight outward fall; this will prevent water being transferred to the inner leaf and possibly causing damp issues
- Only compatible accessories (such as plugs and insulation retaining clips) should be used with cavity screw ties. BS Fixings supply the correct accessories with each box of 10 ties
- Around openings (such as doors, windows, movement joints and roof verges), change the wall tie pattern. Vertical spacing is here reduced to 330mm maximum and should always be within 225mm of the opening

