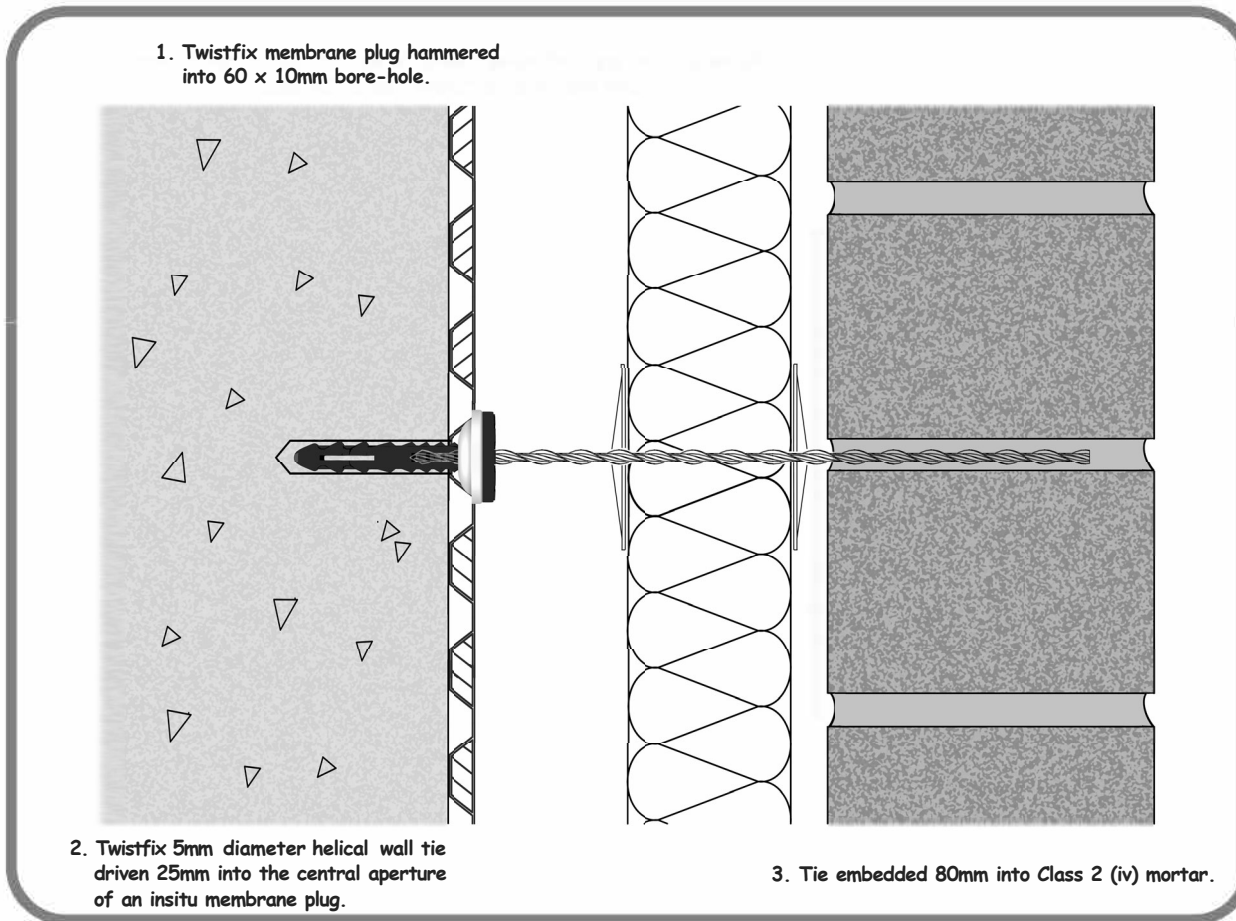


Waterproofing Wall Tie



METHOD STATEMENTS & NOTES

1. Drill 10mm hole through an inverted stud of Baseline 8 membrane and into the backup material to a depth of 60mm.
2. Hammer in nylon membrane plug ensuring its grommet creates a tight seal.
3. Gently hammer one end of a Twistfix 5mm helical wall tie into the central aperture of the pre-set nylon waterproofing plug to a depth of 25mm.
4. Use Twistfix Universal insulation retaining clips to hold cavity wall insulation layers in place.
5. Bed the other end of the 5mm tie 80mm into a Class 2 (iv) mortar as a new brick or block wall is built.

WALL TIE SPECIFICATION

- Material: 304 Stainless Steel
- Tensile Strength: 1050 to 1200N/mm²
- Tensile Load Capacity: 820N
- Compressive Load Capacity: 580N

Table 1: Wall Tie Spacing

Thinnest wall depth	>90mm	<90mm
Horizontal Spacing	900mm	450mm
Vertical Spacing	450mm	450mm
Ties/ m ²	2.5	4.9

Table 2: Wall Tie Selection

Tie (L)	Plug (L)	Cavity
180mm	60mm	75mm
205mm	60mm	100mm
230mm	60mm	125mm

Pull out performance of the nylon waterproofing plug is a function of the type and condition of the masonry. On site testing is recommended to establish service loads are met.