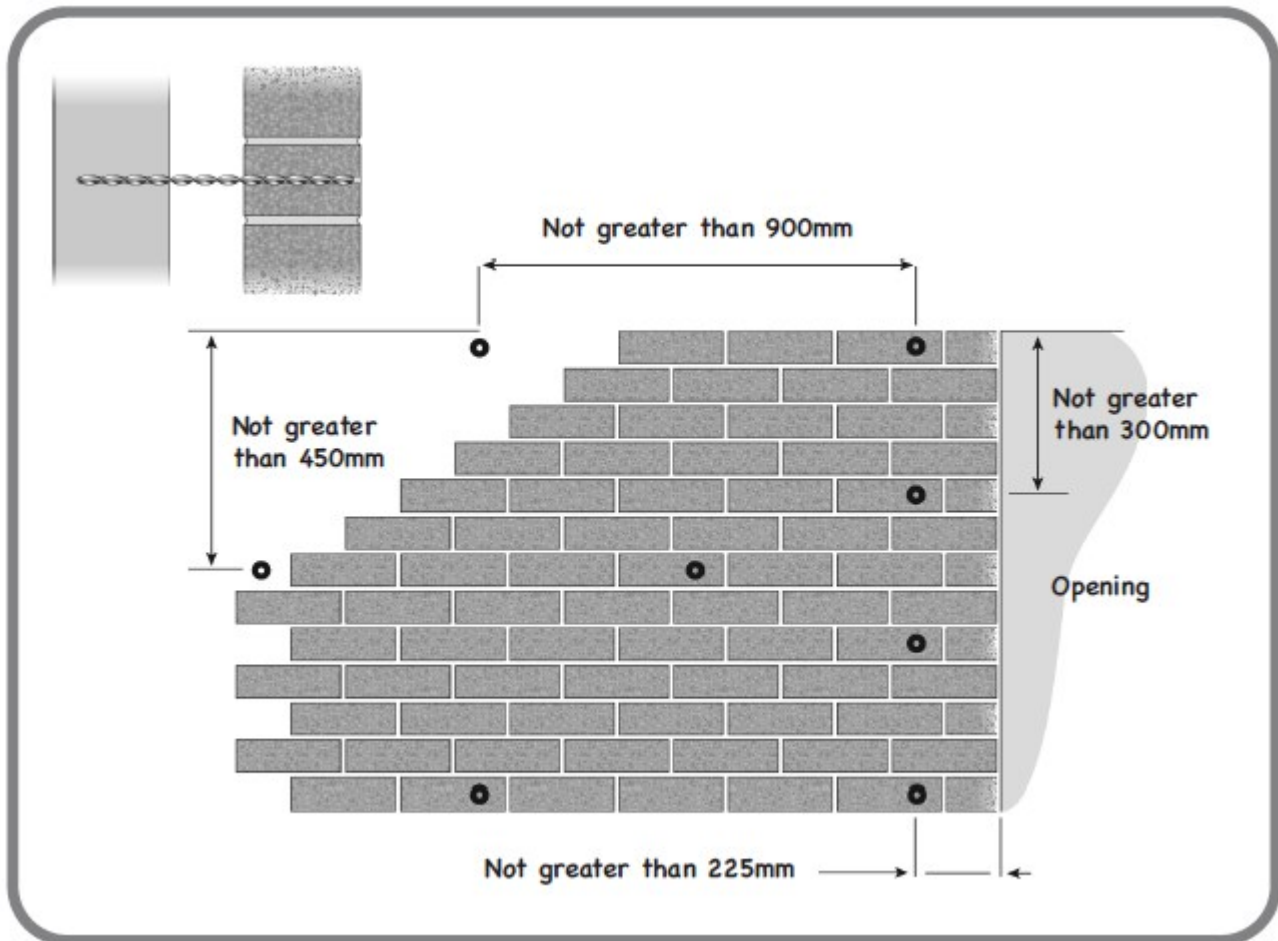


Remedial Wall Ties



METHOD STATEMENTS & NOTES

1. Drill a 6mm pilot hole 10mm longer than tie length. Hammer-drive 9mm self-tapping helical wall tie into and through near-most wall into far wall leaving tie recessed. Make good drill hole to match.

7mm pilot hole required for engineering brick and structural concrete.

Ties density to be at least 2.5 ties/m² given that each wall is of masonry and is at least 90mm thick.

WALL TIE SPECIFICATION

- Material: 304 Series Stainless Steel
- Ult. Tensile Strength: 1050-1200N/mm²
- Nominal CSA: 9mm Tie = 14.9mm²
- Comp Strength at 100mm: 4.4kN
- Pitch Tolerance: < 0.5%

RECOMMENDED EMBEDMENT DEPTH

- Aircrete: 85mm
- Standard Brick: 75mm
- Concrete: 50mm

Engineers, surveyors and contractors should refer to BRE Digest 329 and BRE Digest 401