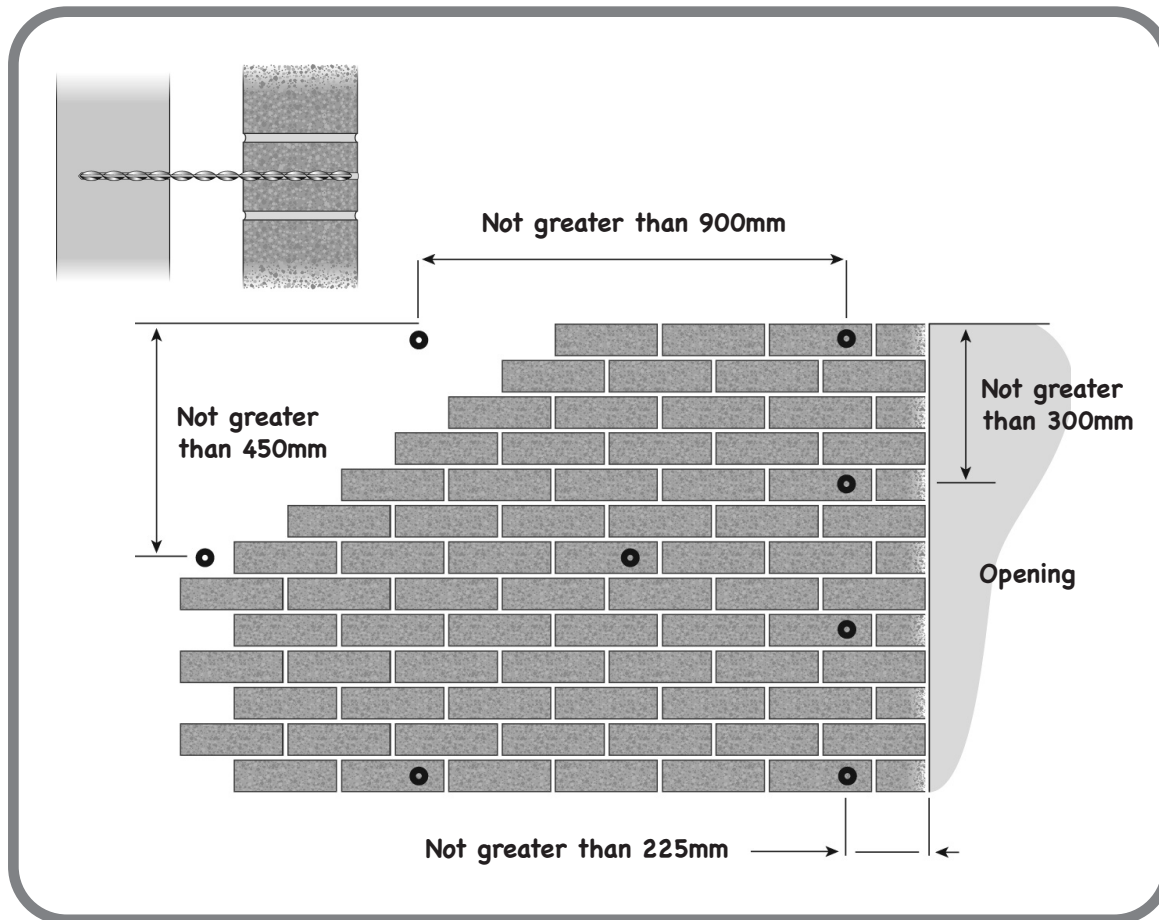


# Remedial Wall Ties - 9mm CD Tie



## METHOD STATEMENTS & NOTES

1. Drill a pilot hole (see table below) 10mm longer than the length of the tie.
2. Drive 9mm helical CD Tie through near-most wall into far wall, leaving tie recessed.
3. Make good drill hole to match.

Tie-density to be at least 2.5 ties/ m<sup>2</sup> for masonry walls > 90mm thick

## DECLARATION OF PERFORMANCE (Conforms with BS EN845-1:2013)

Substrate Type	Substrate Strength (N/mm <sup>2</sup> )	Pilot Hole Diameter (mm)	Tested Embedment (mm)	Cavity Width (mm)	Mean Load Capacity (N)		Recommended Tie Embedment (mm)
					Tension	Compression	
Aircrete (AAC)	3.5	0	85	225	1490	1500	85
Dense Aggregate Concrete	7	6	60	150	2870	2700	75
Common Brick	30	6	60	150	1940	2680	75
Perforated Brick	40	5	60	150	1990	2790	75
Structural Concrete C30	30	7	40	150	2370	2690	50

## WALL TIE SPECIFICATION

- Material: Stainless Steel - Grades 304 & 316
- Ult. Tensile Strength: 1050 to 1200N/mm<sup>2</sup>
- Yield at 0.2% PS: 760 to 930N/mm<sup>2</sup>
- Nominal CSA: 14.9mm<sup>2</sup>

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