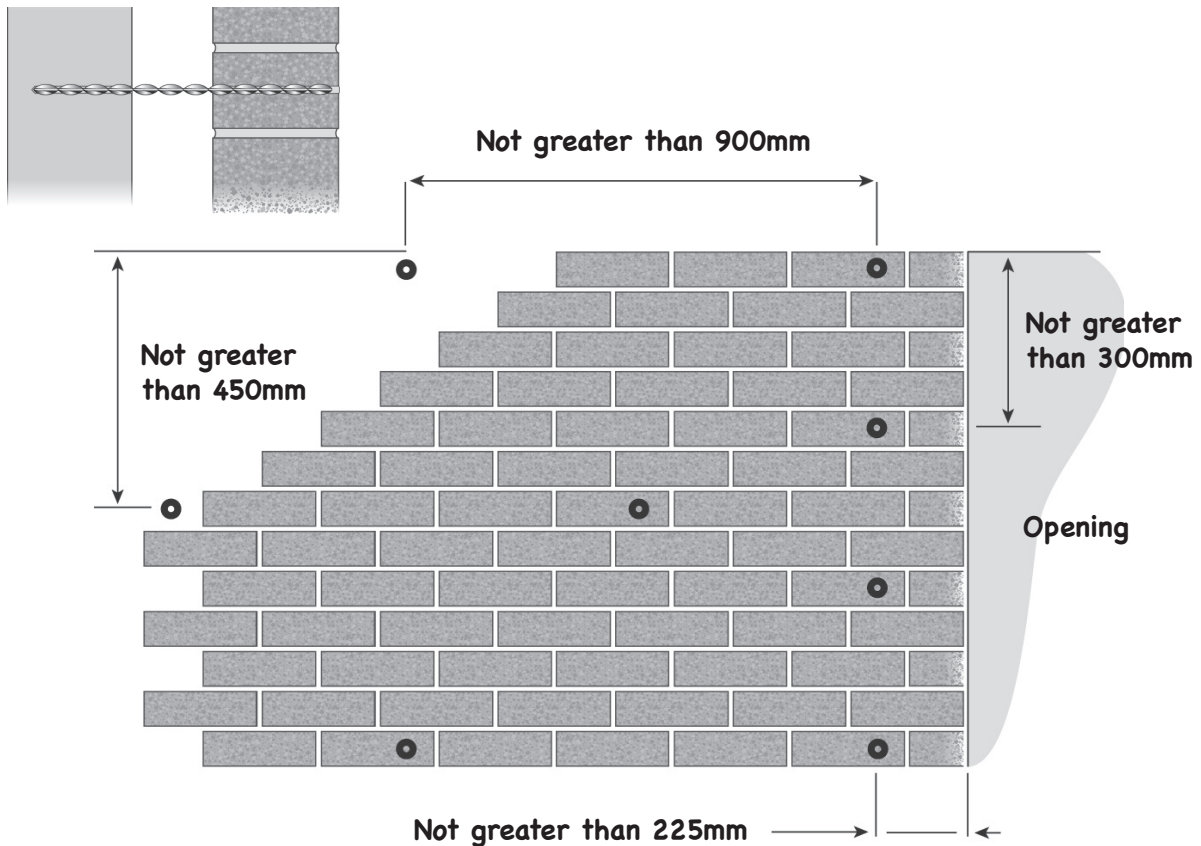


# REMEDIAL WALL TIE SPECIFICATION



Conforms to BS EN 845-1: 2013 and conditions for CE marking

## METHOD STATEMENT & 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 atleast 2.5 ties/m<sup>2</sup> for masonry walls > 90mm thick.

## WALL TIE SPECIFICATION

- MATERIAL: Stainless Steel - Grade 316
- ULT. TENSILE STRENGTH: 1025 to 1225N/mm<sup>2</sup>
- YIELD AT 0.2% PS: 850N/mm<sup>2</sup>
- NOMINAL CSA: 16mm<sup>2</sup>

## 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
Preferred Brick	40	5	60	150	1990	2790	75
Structural Concrete C36	30	7	40	150	2370	2690	50