



## SURETWIST MECHANICAL REMEDIAL WALL TIE for universal applications.



### Applications:

- For tying and pinning masonry to brick, block, concrete and timber

### Benefits:

- Quick and easy to install
- Helical design in 304 grade stainless steel bar material. 316 available upon request
- Helical design ensures continuous drip, as well as accommodating normal building movement
- Self-taps directly into a small pilot hole drilled into the substrate
- Provides a quick and simple stress free fixing with the minimum of disturbance
- Unaffected by temp. or weather conditions
- Comprehensively tested and proven

### Recommended tooling:

Installation tool, SDS rotary power drill, appropriate size masonry drill.

### Range: SureTwist Extra

TC7mm x 195mm, x 220mm, x 245mm  
8mm and TC8mm x 170, x 195, x 220, x 245, x 270.  
TC9mm x 195mm, x 220mm, x 245mm  
Other sizes available upon request.

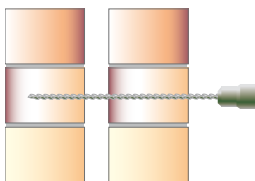
TYPICAL TENSILE FAILURE IN ACCORDANCE WITH BSI DD 140 PART 1

BASE MATERIAL	COMPRESSIVE STRENGTH N/mm <sup>2</sup>	TENSILE PROOF LOAD KN	Min. EMBEDMENT
Clay facing brick	20 - 20.75	3.16	70mm
Deep frogged brick	20 - 20.50	2.98	70mm
Dense concrete block	7 - 10	3.38	70mm
Lightweight block	2.8 - 3.5	1.76	70mm
Mortar bed joint 1:1:6		2.66	70mm

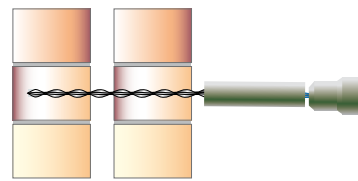
Test provides indicative values of the tie performance. The couplet test produces results of a conservative nature.

**Installation note:** Pilot holes: 5mm for 7mm range, 5.5 - 6.5mm for 8mm range, 6 - 7mm for 9mm range.

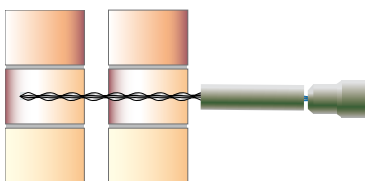
We recommend that you test the strength of substrate before selecting appropriate size drill hole.



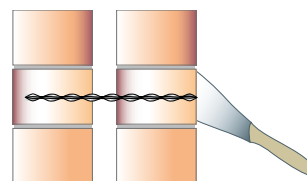
1. Drill the pilot holes through both leaves to required depth and diameter.



2. Insert the installation tool into an SDS rotary hammer drill, then place the tie into the installation tool.



3. Drive the tie into the internal leaf to the required depth ensuring the tie is fully recessed to the external leaf below the face of the masonry.



4. Make good the tie at the surface with SureBond SureStain Colour Matching Mortar.

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Please always wear the appropriate safety and protective clothing when installing fixing and anchor products. Always observe the necessary Health & Safety guidelines.

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