

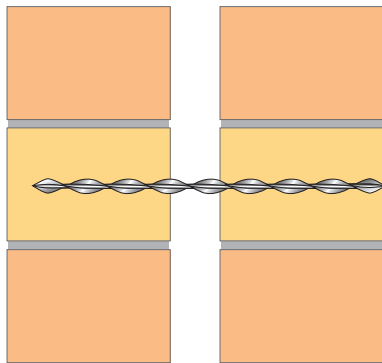
# SAMSON REMEDIAL WALL TIE



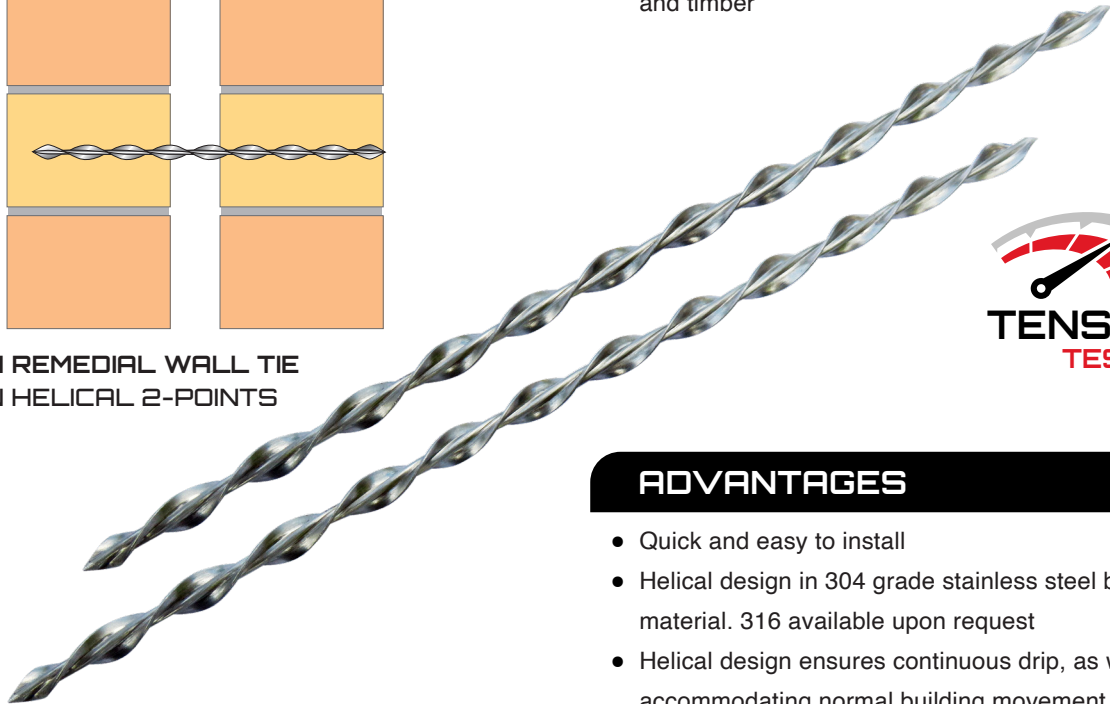
## SAMSON FIXINGS

2-Pointed Helical Mechanical Remedial Wall Tie  
for universal applications.

### INSTALLED WALL TIE (NO GROUT)



SAMSON REMEDIAL WALL TIE  
SAMSON HELICAL 2-POINTS



### APPLICATIONS

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

### ADVANTAGES

- 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, stress free fixing with the minimum of disturbance
- Unaffected by temperature and weather conditions
- Comprehensively tested and proven

### SAMSON HELICAL 2-POINTS RANGE

- **HC7mm lengths available (mm):**  
195 • 220 • 245
- **8mm & HC8mm lengths available (mm):**  
170 • 195 • 220 • 245 • 270
- **HC9mm lengths available (mm):**  
195 • 220 • 245
- Other sizes available upon request



EN 10002-1:2001  
EN 845-1:2003  
EN 846-5:2000  
EN 846-7:2000  
EN 998-2:2004

### TOOLING

- Installation Tool & SDS Rotary Power Drill (appropriate size Masonry Drill)



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**IT'S IN THE BUILDING!**

[www.samsonfixings.com](http://www.samsonfixings.com)

SAMSON FIXINGS LTD

UNIT 7 BEECH COURT, WILLOW ROAD, ST IVES, HUNTINGDON, PE28 9RF, UNITED KINGDOM • COMPANY REG. 11972793

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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The above information is given in good faith, and may be subject to alteration at any time without prior notification.

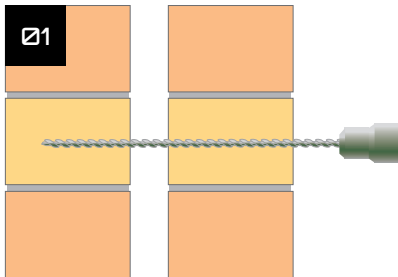


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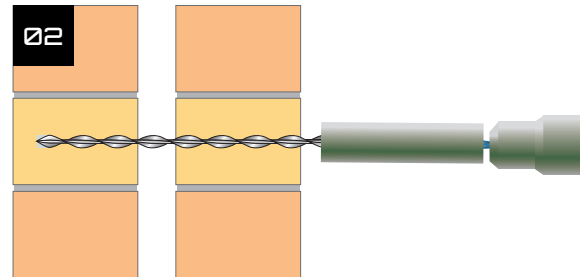
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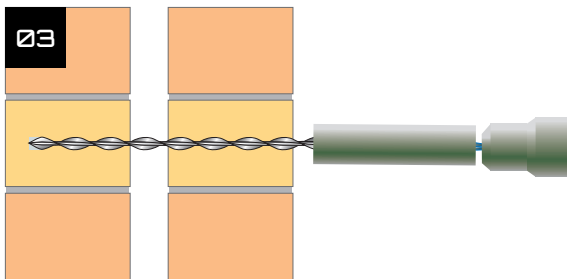
## INSTALLATION



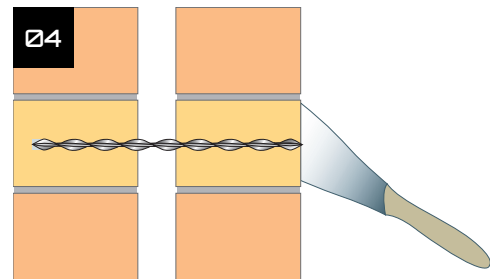
1. Drill the pilot holes through both leaves to required depth and diameter.



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 SAMSON EPO+ BOND & SAMSON COLOUR-MATCH Mortar.

### 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 HC7mm Range
- 5.5 - 6.5mm 8 & HC8mm Range
- 6 - 7mm for HC9mm Range

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



EN 10002-1:2001  
EN 845-1:2003  
EN 846-5:2000  
EN 846-7:2000  
EN 998-2:2004

