

Helical Timber Frame Wall Tie

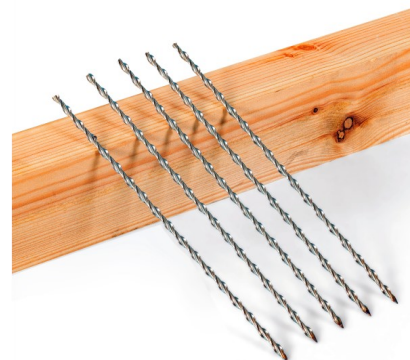
Description

- Designed to tie a buildings inner timber frame to an outer masonry skin in buildings of up to 4 stories high
- Simple hammer installation using the [SDS Helical Timber Frame Tool](#)
- With a 5mm diameter and a 6.5mm² cross section, this is the most flexible Helical wall tie the market has to offer for dealing with differential movement of a timber frame structure and an outer masonry skin
- Used for attaching timber frame components to brick or masonry

Key Points And Features

- This tie can be used on cavities spanning up to 150mm
- Patented twist technology allows for a consistent helix and unmatched performance
- Can withstand differential structural movement of 24mm
- Conforms to BS EN 845-1 and conditions for CE marking according to Annex ZA.1.
- Meets all requirements for Type 6 ties with cavity widths of 60-150mm
- Minimum fix depth in Timber = 35mm
- Minimum fix depth in Mortar = 35mm

Cavity Width	Tie Length
100mm	200mm
125mm	225mm
150mm	250mm



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How to install using SDS Hammer Drill with **SDS Setting Tool**



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Performance Loads 60-150mm Cavity (Taken from CE Mark Testing)

Tension	Compression	BS 5268-6.1
710N	460N	Type 6 Tie

Typical Mechanical Properties Of Helical Timber Frame Ties

Product Attributes	Value
Diameter	5mm
CSA	6.5mm ²
0.2% Proof Stress	>880N/mm ²
Ultimate Tensile Strength	1025-12225N/mm ²
Mean Tensile Capacity	7KN