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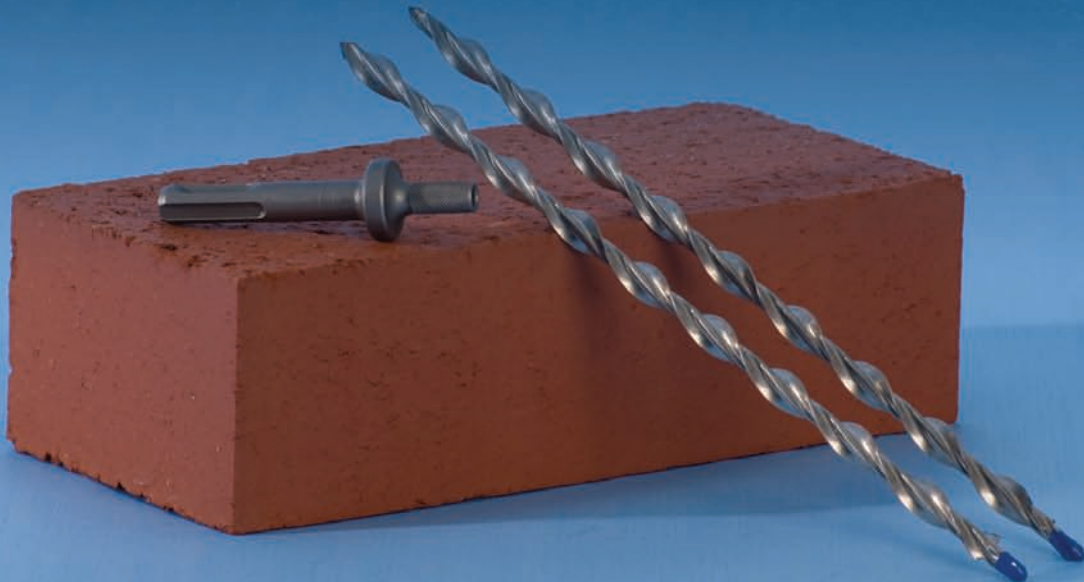
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RETROFIT CAVITY
WALL TIES

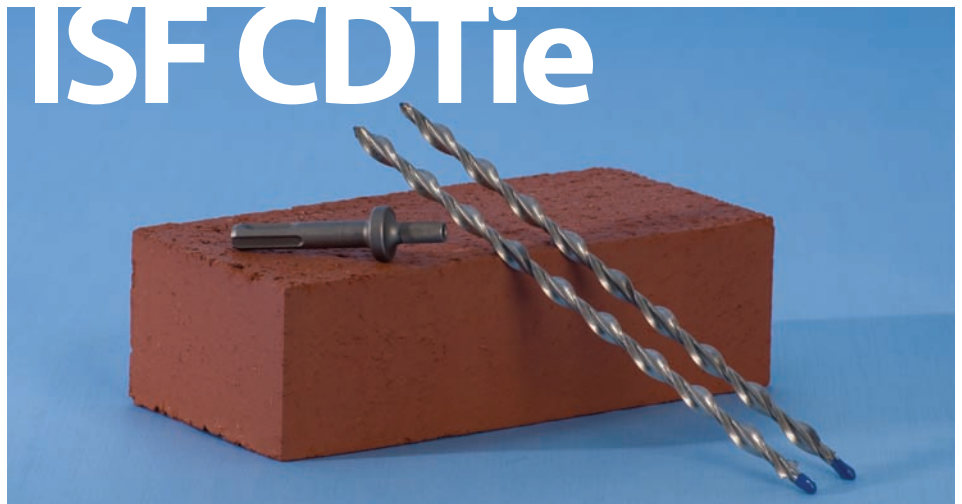


ISF CDTie



Quick guide

- EUROPEAN CE MARKING APPROVAL
- RAPID 10 SECOND INSTALLATION
- SUITABLE FOR USE IN ALL TYPES OF BRICK & BLOCK
- PATENTED HELIX CONSISTENCY
- PRECISE HELICAL INTERLOCK ANCHORAGE
- COMBINES STRENGTH & FLEXIBILITY
- ROBUST & CORROSION FREE
- INDEPENDENTLY TESTED & VERIFIED
- COST EFFECTIVE SDS TOOLING



Description

Stainless steel helical wall ties have been used to re-tie cavity walls for 25 years. The new CD Tie is the latest engineered upgrade, offering a quicker, easier and safer cavity tie replacement system.

Ties are hammered into undersized pilot hole in bricks and blocks using a low cost SDS setting tool. The helix angle forces the tie to cut self-tapping threads in the masonry. The ties simply grip the bricks, blocks or concrete within the interlocking helical undercut

The helix provides natural drip points to prevent water transfer across the cavity.



Benefits

The use of a small pilot bore limits brick damage when the drill bit breaks through into the cavity, thereby reducing risk of a cavity blockage.

The helical interlock connection exerts no expansive stress to the masonry. Loads are spread evenly along the helix, providing reliability of connection.

Patented twisting accuracy and the neat SDS driving arrangement combine to offer a high performance and high speed retrofit cavity wall tie that takes less than 10 seconds to fit into the hole.



Product Specification

Product	CD Tie - 9mm
Material	Stainless steel (304)
Tensile Strength	= > 15kN
Compressive Strength	3.5kN at 150mm
Pitch Deviation on Tie	< = 0.5%

CAVITY WIDTH	TIE LENGTH
20-45mm	205mm
50-70mm	230mm
75-95mm	255mm
100-120mm	280mm
125-145mm	305mm

Characteristic Tensile Loads in

Material	Pilot	Depth	Load
Aircrete	None	85mm	1.9kN
Brick	6mm	75mm	2.6kN
Concrete	6mm	50mm	2.3kN
Eng. Brick	7mm	75mm	2.8kN

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Precision engineered Insofast anchors are manufactured under license of Patent Numbers EP1307303 & GB2439633

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