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WALL TIES FOR THIN
JOINT BLOCKWORK

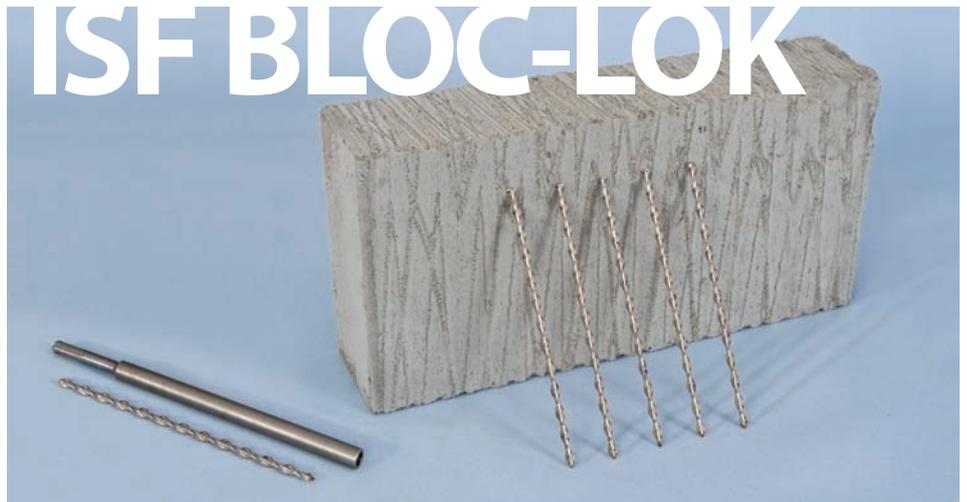


ISF BLOC-LOK



Quick guide

- RAPID HAMMER DRIVEN INSTALLATION
- SUITABLE FOR USE IN ALL MAKES OF AIRCRETE
- PATENTED HELIX CONSISTENCY
- PRECISE HELICAL INTERLOCK ANCHORAGE
- COMBINES STRENGTH & FLEXIBILITY
- ROBUST & CORROSION FREE
- INDEPENDENTLY TESTED & VERIFIED
- COMPLIES WITH PART E AS TYPE B TIE
- MEETS THE REQUIREMENTS OF NHBC



Description

Helical wall ties are ideal for tying thin-joint blockwork and other materials where joints in inner and outer leaves are not aligned.

Ties are hammered directly into Aircrete blocks, through an insulation layer and built into the bed joints of the outer leaf of brickwork. Work-hardened helical blades force the tie to cut a self-tapping helical thread as installation proceeds.

The helical profile of the tie includes moisture-shedding troughs to prevent the transfer of moisture across the cavity.



Benefits

The passive helical interlock connection exerts no expansive crushing stress to the Aircrete. Loads are spread evenly along the full penetrative length of the helix, providing reliability of connection.

The performance advantage offered by the Thin Joint Wall Tie stems its engineered twisting accuracy (Patent EP1307303), which forms an unrivalled tightly mating interlock within the Aircrete to provide superior performance.



Product Specification

Product	Thin Joint Wall Tie
Material	Stainless steel (304)
Tensile Strength	> 1100N/mm ²
Cross Sectional Area	< 9mm ²
Pitch Deviation on Tie	< 0.5%*
Density – (Block > 90mm)	2.5 ties/m ²

CAVITY WIDTH	TIE LENGTH
25-50mm	205mm
51-75mm	230mm
76-100mm	255mm
101-125mm	280mm
125-150mm	305mm

TIE CLASSIFICATION TO BS EN 845-1:2003
USING DD140 PART 2 1987 CRITERIA

BLOCK STRENGTH	85mm INTO BLOCK	75mm IN MORTAR
7.0-10.5N/mm ²	CLASS 2	CLASS 2
3.5-4.0N/mm ²	CLASS 3	CLASS 2
2.8N/mm ²	CLASS 4	CLASS 2

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Precision engineered Insofast anchors are manufactured under licence of European Patent Numbers EP1307303 & EP1710372

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