DECLARATION OF PERFORMANCE



HEREBY DECLARES THAT THE PRODUCT RANGE IDENTIFIED AS,

Thin Joint Wall Ties

Conforms to

the provisions of, ZA Annex, BS EN 845-1:2013+A1:2016 as an Asymmetrical Wall Tie

Performance Characteristics

Strength of Aerated Concrete	2.8N/mm² Block		3.5N/mm² Block		7.0N/mm ² Block		10.0N/mm² Block	
Tie Length (cavity width)	Tension	Compression	Tension	Compression	Tension	Compression	Tension	Compression
205mm (50mm cavity)	1100N	2030N	1100N	2030N	1800N	2030N	1800N	2030N
230mm (75mm cavity)	1100N	1860N	1100N	1860N	1800N	1860N	1800N	1860N
255mm(100mm cavity)	1100N	1770N	1100N	1770N	1800N	1770N	1800N	1770N
280mm (125mm cavity)	1100N	1370N	1100N	1370N	1800N	1370N	1800N	1370N
305mm(150mm cavity)	1100N	1110N	1100N	1110N	1800N	1110N	1800N	1110N

Intended Use

Hammer-in helical wall tie for connecting a masonry wall to aerated concrete block. Suitable for cavities up to 150mm

Essential Characteristics

Water Shedding Capability Resistant Fire Resistance Fireproof Material reference 3, Durability

Steel grade 1.4301

Dangerous Substances None

Conditions

Embedment Depth: =>85mm in Block

=>55mm Mortar

=>10mm

Mortar Joint Thickness:

Mortar Class: =>Type M2

Notified Body

Lucideon Ltd. Queens Road, Stoke-on-Trent, Staffordshire ST4 7LQ. United Kingdom

Notified Body Number

1289

Manufactured by:

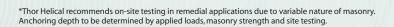
Thor Helical **KKM Buildings** Old Reservoir Road Farlington

Hampshire **PO6 1SU**

This product conforms to System 3 - Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above notified body.

SIGNATURE OF AUTHORISED REPRESENTATIVE: DAVID J CHADWICK, MANAGING DIRECTOR

DATE: 12TH MARCH 2018





DECLARATION NO 20180312