

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

### Staifix-Thor Helical TJ2

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



Declaration Number:	L0061-01-NI
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Intended Use:	Hammer-driven helical wall tie for connecting two leaves of a masonry cavity wall with an aerated concrete block inner leaf. Ideal for thin joint blockwork.
Approved Body:	Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom
Approved Body Number:	1289

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

#### Compressive (C) & Tensile (T) Load Capacities (N, Unit of Measure)

Tie Length	Block Strength			
	2.8N/mm <sup>2</sup>	3.5N/mm <sup>2</sup>	7.0N/mm <sup>2</sup>	10.0N/mm <sup>2</sup>
205mm (50mm cavity)	C-2030 / T-1100	C-2030 / T-1100	C-2030 / T-1800	C-2030 / T-1800
230mm (75mm cavity)	C-1860 / T-1100	C-1860 / T-1100	C-1860 / T-1800	C-1860 / T-1800
255mm (100mm cavity)	C-1770 / T-1100	C-1770 / T-1100	C-1770 / T-1800	C-1770 / T-1800
280mm (125mm cavity)	C-1370 / T-1100	C-1370 / T-1100	C-1370 / T-1800	C-1370 / T-1800
305mm (150mm cavity)	C-1110 / T-1100	C-1110 / T-1100	C-1110 / T-1800	C-1110 / T-1800

Essential Characteristics	
Material Coating Reference:	3
Steel Grade:	1.4567
Dangerous Substance	None

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Conditions	
Minimum Embedment Depth:	Block 85mm/Brick 55mm
Minimum Mortar Class:	Type M2
Minimum Mortar Joint Thickness:	10mm (outer leaf)
<b>Recommended Spacing</b>	Refer to PD 6697

Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Managing Director Europe West & APAC  
1<sup>st</sup> April 2022

Manufactured by:

**Leviat Limited**  
President Way  
President Park  
Sheffield, S4 7UR  
United Kingdom

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