

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

Staifix Cavity Starter Tie

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

**UK
CA**

Declaration Number:	L0003-03-CA
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Intended Use:	For connecting a new leaf of masonry to an existing structure. Suitable for cavities from 50-120mm
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 approved body.

Essential Characteristics	
Compressive Load Capacity (cavity +15mm):	640N
Tensile Load Capacity (at min embedment):	1360N
Capacities given for:	
Overall Wall Tie Length:	180mm-230mm
Design Cavity Width:	50-120mm
Embedment Depth:	65-80mm mortar/ 45-50mm plug
Minimum Cover to Face of Wall:	20mm
Minimum Mortar Joint Thickness:	10mm
Minimum Mortar Class:	Type M2
Displacement at 1/3 Load Capacity	

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In Compression:	0.38
In Tension:	0.23
Failure Modes:	
In Compression:	Bending of tie
In Tension:	Straightening of tie
Water Shedding Capacity:	Resistant
Recommended Spacing:	As required
Durability	
Material Coating Reference:	3
Steel Grade:	1.4301/1.4401
Dangerous Substance	None

Signed for and on behalf of the manufacturer by



Rune Magnusson
Regional Managing Director, UK & Asia
15th July 2025

Manufactured by;

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

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