

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SDB, 125-150mm**

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

**UK  
CA**

<b>Declaration Number:</b>	<b>L0024-06-CA</b>
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Intended Use:	Frame cramp for connecting a new masonry leaf to an existing structure. Suitable for cavities from 45mm to 94mm.
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.

<b>Essential Characteristics</b>	
Compressive Load Capacity (cavity +15mm):	<b>1640N</b>
Compressive Load Capacity (design cavity):	<b>2270N</b>
Tensile Load Capacity (cavity):	<b>3070N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>100-150mm</b>
Design Cavity Width:	<b>45-94mm</b>
Minimum Embedment Depth:	<b>50mm</b>
Minimum Cover to Face of Wall:	<b>20mm</b>
Minimum Mortar Joint Thickness:	<b>10mm</b>
Minimum Mortar Class:	<b>Type M2</b>

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<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	<b>0.83</b>
In Tension:	<b>0.3</b>
<b>Failure Modes:</b>	
In Compression:	<b>Bending of tie</b>
In Tension:	<b>Pull-out of tie</b>
<b>Water Shedding Capacity:</b>	<b>Resistant</b>
<b>Recommended Spacing:</b>	<b>As required</b>
<b>Durability</b>	
Material Coating Reference:	<b>3</b>
Steel Grade:	<b>1.4301/1.4401</b>
<b>Dangerous Substance</b>	<b>None</b>

Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Regional Managing Director, UK & Asia  
1st May 2026

Manufactured by:

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