

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SDV, 226-300mm**

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>L0014-04-CA</b>
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Intended Use:	Slotted frame cramp for connecting a new masonry leaf to an existing structure. Suitable for cavities from 146mm to 245mm.
Approved Body:	Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom
Approved Body Number:	1289

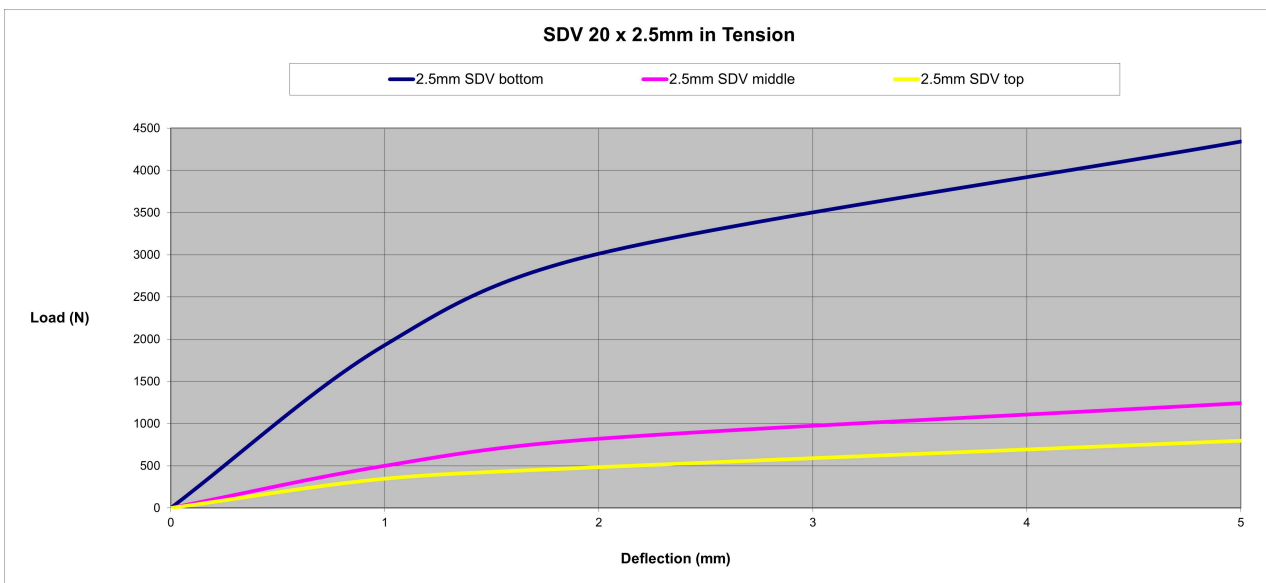
This product conforms to **System 3** – Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above approved body.

<b>Essential Characteristics</b>	
Compressive Load Capacity (cavity +15mm):	<b>1870N</b>
Tensile Load Capacity (at min embedment, fixing located at centrally in slot):	<b>1610N (refer to page 2 for additional information)</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>226mm-300mm</b>
Design Cavity Width:	<b>146mm-245mm</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>
<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	<b>0.49</b>
In Tension:	<b>0.91</b>

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<b>Failure Modes:</b>	
In Compression:	<b>Bending of tie</b>
In Tension:	<b>Bending 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>

Tensile load capacity of the SDV is affected by the fixing position within the slot - the graph shows the difference in performance when the fixing is located at the bottom, middle and top of the slot for a 2.5mm thick SDV tie (125 -225mm long, refer to DoP reference L0013)



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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;  
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