

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SDV, 125-225mm**

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



|                            |                    |
|----------------------------|--------------------|
| <b>Declaration Number:</b> | <b>L0013-02-NI</b> |
|----------------------------|--------------------|

|                       |   |
|-----------------------|---|
| Intended Use:         | Slotted frame cramp for connecting a new masonry leaf to an existing structure. Suitable for cavities from 45mm to 169mm. |
| Approved Body:        | Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom                               |
| Approved Body Number: | 1289  |

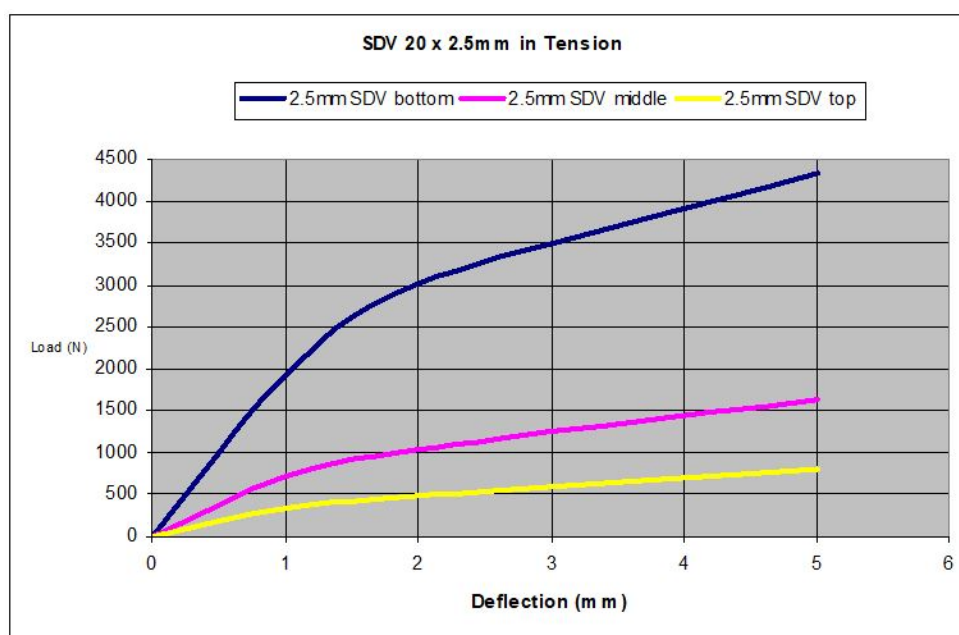
This product conforms to **System 3** – Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above notified body.

| <b>Essential Characteristics</b>   |   |
|--|---|
| Compressive Load Capacity (cavity +15mm):                                      | <b>1510N</b>  |
| Tensile Load Capacity (at min embedment, fixing located at centrally in slot): | <b>1620N (refer to page 2 for full information)</b> |
| <b>Capacities given for:</b>   |   |
| Overall Wall Tie Length:   | <b>125mm-225mm</b>                                  |
| Design Cavity Width:   | <b>45mm-169mm</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>0.30</b>   |
| In Tension:  | <b>0.50</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.



Declaration Number: 0013-02-NI

Signed for and on behalf of the manufacturer by

Rune Magnusson  
 Managing Director Europe West & APAC  
 6<sup>th</sup> April 2022

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