

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.



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| Declaration Number: | L0014-02-NI |
|----------------------------|--------------------|

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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 |

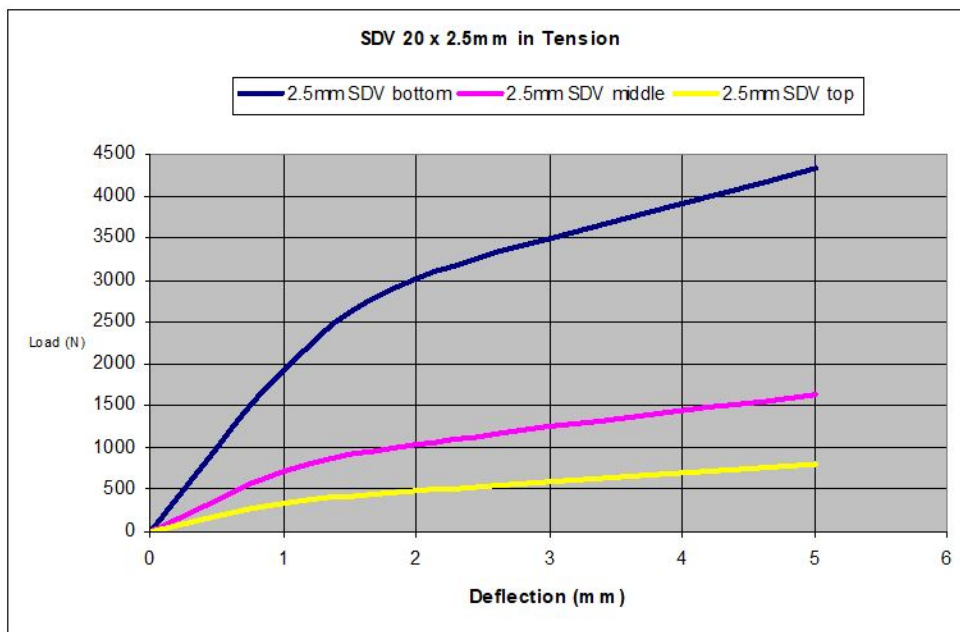
This product conforms to **System 3** – Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above notified body.

| Essential Characteristics | |
|--|---|
| Compressive Load Capacity (cavity +15mm): | 1950N |
| Tensile Load Capacity (at min embedment, fixing located at centrally in slot): | 1620N (refer to page 2 for full information) |
| Capacities given for: | |
| Overall Wall Tie Length: | 226mm-300mm |
| Design Cavity Width: | 146mm-245mm |
| Minimum Embedment Depth: | 50mm |
| Minimum Cover to Face of Wall: | 20mm |
| Minimum Mortar Joint Thickness: | 10mm |
| Minimum Mortar Class: | Type M2 |
| Displacement at 1/3 Load Capacity | |
| In Compression: | 0.48 |
| In Tension: | 0.50 |

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

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: 0014-02-NI

Signed for and on behalf of the manufacturer by

Rune Magnusson
 Managing Director Europe West & APAC
 6th April 2022

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