

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.



Declaration Number:	L0014-02-CA
----------------------------	--------------------

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

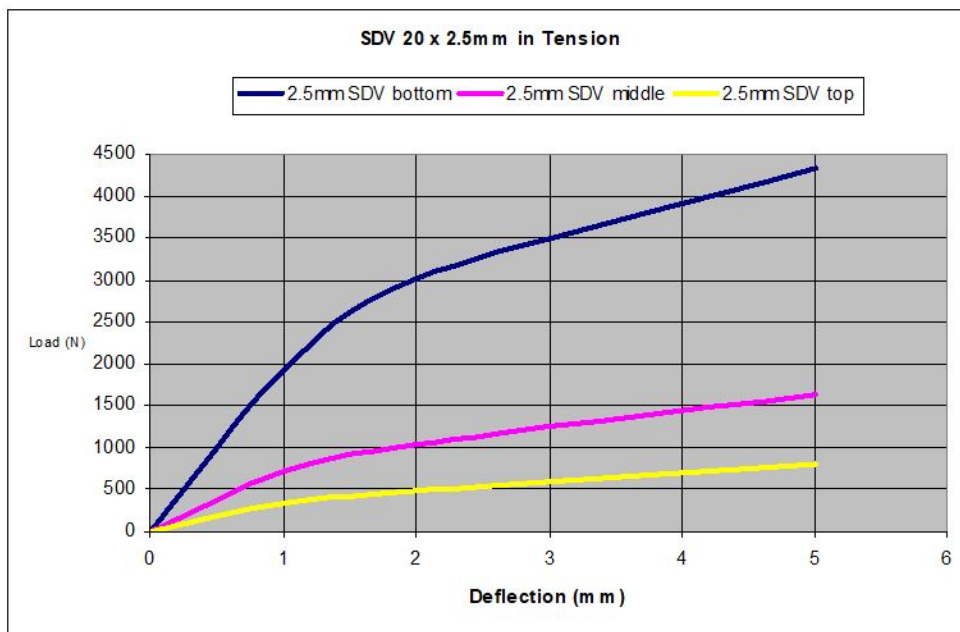
This product conforms to **System 3** – Assessment and Verification of Constancy of Performance. All necessary testing was conducted at the above notified body.

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

DECLARATION OF PERFORMANCE

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-CA

Signed for and on behalf of the manufacturer by

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

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