

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SPB, 75-300mm**

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>L0027-01-CA</b> |
|----------------------------|--------------------|

|                       |   |
|-----------------------|---|
| Intended Use:         | Shear tie for connecting a new masonry leaf to an existing structure.                       |
| 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>         |                   |
| Shear Load Capacity:                     | <b>1990N</b>      |
| <b>Capacities given for:</b>             |                   |
| Overall Wall Tie Length:                 | <b>75mm-300mm</b> |
| Design Cavity Width:                     | <b>10mm</b>       |
| Minimum Embedment Depth:                 | <b>65mm</b>       |
| Minimum Mortar Joint Thickness:          | <b>10mm</b>       |
| Minimum Mortar Class:                    | <b>Type M4</b>    |
| <b>Displacement at 1/3 Load Capacity</b> |                   |
| In shear:                                | <b>0.32</b>       |

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|                             |                   |
|-----------------------------|-------------------|
| <b>Failure Modes:</b>       |                   |
| In shear:                   | Rotation of cramp |
| <b>Recommended Spacing:</b> | As required       |
| <b>Durability</b>           |                   |
| Material Coating Reference: | 3                 |
| Steel Grade:                | 1.4301/1.4401     |
| <b>Dangerous Substance</b>  | None              |

Signed for and on behalf of the manufacturer by



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Rune Magnusson  
Managing Director Europe West & APAC  
1<sup>st</sup> April 2022

Manufactured by:

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