

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

**SP21, 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>L0034-02-CA</b>
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Intended Use:	Shear tie for use with the Ancon 21/18 Omega channel system to connect 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>4040N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>75-300mm</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>2.47</b>

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<b>Failure Modes:</b>	
In shear:	Rotation of tie
<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, UK & Asia  
28th October 2024

Manufactured by:

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