

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

### CCB4-100

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

**UK  
CA**

<b>Declaration Number:</b>	<b>L0130-01-CA</b>
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Intended Use:	Type 4 wall tie for connecting cellular clay thin-joint blockwork to a traditional masonry leaf. Suitable for a 100mm cavity.
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>350N</b>
Compressive Load Capacity (design cavity):	<b>520N</b>
Tensile Load Capacity:	<b>650N</b>
<b>Capacities given for:</b>	
Overall Wall Tie Length:	<b>242.5mm O/A</b>
Design Cavity Width:	<b>100mm</b>
Minimum Embedment Depth:	<b>Cellular Clay Block 73mm/Traditional 54.5mm</b>
Minimum Cover to Face of Wall:	<b>20mm</b>
Minimum Mortar Joint Thickness:	<b>1mm/10mm</b>
Minimum Mortar Class:	<b>Wienerberger Zero Plus/M2</b>

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<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	0.1
In Tension:	0.28
<b>Failure Modes:</b>	
In Compression:	Bending of tie
In Tension:	Pull-out of tie
<b>Water Shedding Capacity:</b>	Resistant
<b>Recommended Spacing:</b>	Refer to Ancon technical literature
<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