DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

CCB4-150

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

Declaration Number:	**L0058-02-NI**

Intended Use:	Type 4 wall tie for connecting cellular clay thin-joint blockwork to a traditional masonry leaf. Suitable for a 150mm 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.

Essential Characteristics	
Compressive Load Capacity (cavity +15mm):	**350N**
Compressive Load Capacity (design cavity):	**520N**
Tensile Load Capacity (at min. embedment):	**650N**
Capacities given for:	
Overall Wall Tie Length:	**292.5mm O/A**
Design Cavity Width:	**150mm**
Minimum Embedment Depth:	**Cellular Clay Block 73mm/Traditional 54.5mm**
Minimum Cover to Face of Wall:	**20mm**
Minimum Mortar Joint Thickness:	**1mm/10mm**
Minimum Mortar Class:	**Wienerberger Zero Plus/M2**

DECLARATION OF PERFORMANCE

Displacement at 1/3 Load Capacity	
In Compression:	**0.1**
In Tension:	**0.28**
Failure Modes:	
In Compression:	**Bending of tie**
In Tension:	**Pull-out of tie**
Water Shedding Capacity:	**Resistant**
Recommended Spacing:	**Refer to Ancon technical literature**
Durability	
Material Coating Reference:	**3**
Steel Grade:	**1.4301/1.4401**
Dangerous Substance	**None**

Signed for and on behalf of the manufacturer by

Rune Magnusson
Regional Managing Director, UK & Asia
1st May 2026

Manufactured by:

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

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