



# Declaration of Performance

Declaration Number:

L0058-00-NI

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.

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

Notified Body: Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom

Notified 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: **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**

### 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**

Authorised by:

Peter McDermott, Managing Director Europe West & APAC, on 1st January 2021 in Sheffield, UK.

Manufactured by Leviat

## Leviat

A CRH COMPANY

Ancon Ltd trading as Leviat

President Way

President Park

Sheffield S4 7UR

United Kingdom

+44 (0)114 275 5224  
info.ancon.uk@leviat.com  
Ancon.co.uk | Leviat.com