



Declaration of Performance

Declaration Number:

L0143-00-NI

We hereby declare that the product range identified as,

CCBA-100

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

Intended Use: **Type 4 / Type A wall tie for connecting two leaves of cellular clay thin-joint blockwork. Suitable for a 100mm 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): **550N**
Tensile Load Capacity: **1610N**

Capacities given for:

Overall Wall Tie Length: **245mm O/A**
Design Cavity Width: **100mm**
Minimum Embedment Depth: **73mm**
Minimum Cover to Face of Wall: **20mm**
Minimum Mortar Joint Thickness: **1mm**
Minimum Mortar Class: **Wienerberger Zero Plus**

Displacement at 1/3 Load Capacity

In compression: **0.1**
In tension: **0.28**

Failure Modes:

In compression: **Deformation of flat end**
In tension: **Pull-Out of tie**

Water shedding capacity: **Resistant**
Recommended spacing: **Refer to PD 6697**

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