

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 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 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): **520N**
 Tensile Load Capacity: **650N**

Capacities given for:

Overall Wall Tie Length: **242.5mm O/A**
 Design Cavity Width: **100mm**
 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