

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

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|--|--------------|
| 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

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