

We hereby declares that the product range identified as,

# CCB-IWJ-180

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

Intended Use: **Wall tie for connecting two cellular clay thin-joint blockwork walls at 90 degrees**

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

Shear Load Capacity: **930N**

## Capacities given for:

Overall Wall Tie Length: **180mm**  
Design Cavity Width: **Not relevant**  
Minimum Embedment Depth: **90mm**  
Minimum Mortar Joint Thickness: **1mm**  
Minimum Mortar Class: **Wienerberger Zero Plus**

## Displacement at 1/3 Load Capacity

In shear: **0.26**

## Failure Modes:

In shear: **Deformation of tie**

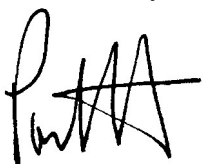
Recommended Spacing: **As required**

## 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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