



Declaration of Performance

Declaration Number:

A0063-001-EN

ANCON hereby declares that the product range identified as,

Internal Column Tie

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

Intended Use: **Shear tie for connecting a new masonry leaf to an existing steel column**

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: **4290N**

Capacities given for:

Overall Wall Tie Length: **Internal Column Tie 179mm, 186mm, 224mm, 232mm, 275mm, 281mm, 330mm**

Design Cavity Width: **Not relevant**

Minimum Embedment Depth: **Block thickness**

Minimum Mortar Joint Thickness: **10mm**

Minimum Mortar Class: **Type M4**

Displacement at 1/3 Load Capacity

In shear: **NPD**

Failure Modes:

In shear: **Buckling of tie**

Recommended Spacing: **As required**

Durability

Material Coating Reference: **3**

Steel Grade: **1.4301/1.4401**

Dangerous Substance: **None**

Authorised by:

Stuart Maxwell, Managing Director, on 12th March 2018 in Sheffield, UK.

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