



Declaration of Performance

Declaration Number:

A0001-01-EN

ANCON hereby declares that the product range identified as,

Staifix Starter Tie, 135mm

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

Intended Use: **For connecting a new leaf of masonry to an existing structure**

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

Tensile Load Capacity: **1320N**
Shear Load Capacity: **580N**

Capacities given for:

Overall Wall Tie Length: **135mm**
Design Cavity Width: **20mm**
Embedment Depth: **75mm**
Minimum Mortar Joint Thickness: **10mm**
Minimum Mortar Class: **Type M2**

Displacement at 1/3 Load Capacity

In tension: **0.30**
In shear: **0.79**

Failure Modes:

In tension: **Pull out of plug end**
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:

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

Manufactured by:

Ancon[®]

Ancon Ltd
President Way
President Park
Sheffield S4 7UR
United Kingdom

Tel: +44 (0)114 275 5224
Email: info@ancon.co.uk
Web: www.ancon.co.uk