



Declaration of Performance

Declaration Number:

A0010-02-EN

ANCON hereby declares that the product range identified as,

Staifix HRT4 250mm

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

Intended Use: **Type 4/Type A wall tie for connecting two leaves of a cavity wall**

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): **450N**
Tensile Load Capacity (at min. embedment): **650N**

Capacities given for:

Overall Wall Tie Length: **250mm**
Design Cavity Width: **101-125mm**
Minimum Embedment Depth: **50mm**
Minimum Cover to Face of Wall: **20mm**
Minimum Mortar Joint Thickness: **10mm**
Minimum Mortar Class: **Type M2**

Displacement at 1/3 Load Capacity

In compression: **0.22**
In tension: **0.66**

Failure Modes:

In compression: **Bending of tie**
In tension: **Displacement**

Water shedding capacity: **Resistant**
Recommended spacing: **Refer to PD 6697**

Durability

Material Coating Reference: **3/23**
Steel Grade: **1.4301/1.4401/1.4482/1.4597**

Dangerous Substance **None**

Authorised by:

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

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