



Declaration of Performance

Declaration Number: A0010-01-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

as a,

Symmetrical Wall Tie covered in clause 1 of the standard

Intended Use: Type 4/Type A wall tie for connecting two leaves of a cavity wall. Suitable for 101mm – 125mm cavities.

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: **390N**

Tensile Load Capacity: **850N**

Compressive and tensile load capacities are given for ties with:

Overall length: **250mm**
Cavity width: **101mm – 125mm**
Minimum Embedment Depth: **62.5mm**
Minimum Cover to Face of Wall: **20mm**
Minimum Mortar Joint Thickness: **10mm**

Displacement at 1/3 Load Capacity

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

Failure Mode:

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

Water shedding capacity: Resistant

Durability

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

Dangerous Substance: None

Authorised by:

Stuart Maxwell, Managing Director, on 15th March 2016.

Manufactured by:

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