



Declaration of Performance

Declaration Number:
A0113-02-EN

ANCON hereby declares that the product range identified as,

WT2-CB 185/200/225mm

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

Intended Use: **Type 2 wall tie for connecting two leaves of a cavity wall incorporating bubble foil insulation. Suitable for cavities from 50mm to 100mm.**

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): **1050N**
Tensile Load Capacity: **1820N**

Capacities given for:

Overall Wall Tie Length: **185-225mm**
Design Cavity Width: **50-100mm**
Minimum Embedment Depth: **62.5mm**
Minimum Cover to Face of Wall: **20mm**
Minimum Mortar Joint Thickness: **10mm**
Minimum Mortar Class: **M2**

Displacement at 1/3 Load Capacity

In compression: **0.17**
In tension: **0.18**

Failure Modes:

In compression: **Bending of tie**
In tension: **5mm displacement**

Water shedding capacity: **Resistant**

Recommended spacing: **Refer to PD6697**

Durability

Material Coating Reference: **3**
Steel Grade: **1.4301/1.4401**

Dangerous Substance **None**

Manufactured by:



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Authorised by:

Stuart Maxwell, Managing Director, on 10th December 2018 in Sheffield, UK.

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