

We hereby declare that the product range identified as,

SP21, 75-300mm

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

Intended Use: **Shear tie for use with the Ancon 21/18 Omega channel system to connect a new masonry leaf 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

Shear Load Capacity: **3420N**

Capacities given for:

Overall Wall Tie Length: **75mm-300mm**
Design Cavity Width: **10mm**
Minimum Embedment Depth: **65mm**
Minimum Mortar Joint Thickness: **10mm**
Minimum Mortar Class: **Type M4**

Displacement at 1/3 Load Capacity

In shear: **0.55**

Failure Modes:

In shear: **Rotation of tie**


Recommended Spacing: **As required**

Durability

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

Dangerous Substance **None**

Authorised by:



Peter McDermott, Managing Director Europe West & APAC, on 1st January 2021 in Sheffield, UK.

Manufactured by Leviat

Leviat

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