

DECLARATION OF PERFORMANCE

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 an Asymmetrical Wall Tie.



| | |
|----------------------------|--------------------|
| Declaration Number: | L0034-01-NI |
|----------------------------|--------------------|

| | |
|-----------------------|---|
| Intended Use: | Shear tie for use with the Ancon 21/18 Omega channel system to connect a new masonry leaf to an existing structure. |
| Approved Body: | Lucideon Ltd, Queens Road, Penkhull, Stoke-on-Trent, Staffordshire, ST4 7LQ, United Kingdom |
| Approved 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: | 75-300mm |
| 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 |

DECLARATION OF PERFORMANCE

| | |
|-----------------------------|-----------------|
| 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 |

Signed for and on behalf of the manufacturer by



Rune Magnusson
Managing Director Europe West & APAC
1st April 2022

Manufactured by:

Leviat Limited
President Way
President Park
Sheffield, S4 7UR
United Kingdom