

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

Briclok B 180mm

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



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| Declaration Number: | L0139-01-CA |
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| Intended Use: | Tie for connecting new masonry to an existing steel column flange. Suitable for 50-80mm cavities. |
| 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 | |
|--|-----------------------------------|
| Compressive Load Capacity (cavity +15mm): | 3280N |
| Compressive Load Capacity (design cavity): | 3290N |
| Tensile Load Capacity: | 3300N |
| Capacities given for: | |
| Overall Wall Tie Length: | 180mm |
| Design Cavity Width: | 50mm-80mm |
| Minimum Embedment Depth: | Dependent upon application |
| Minimum Cover to Face of Wall: | 20mm |
| Minimum Mortar Joint Thickness: | 10mm |
| Minimum Mortar Class: | Type M4 |

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| Displacement at 1/3 Load Capacity | |
| In Compression: | 0.16 |
| In Tension: | NPD |
| Failure Modes: | |
| In Compression: | Bending of tie |
| In Tension: | Local deformation of steel around 'Notch' |
| Water Shedding Capacity: | Resistant |
| 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