

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.



Declaration Number:	L0139-02-NI
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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
 Regional Managing Director, UK & Asia
 1st May 2026

Manufactured by:

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