

## DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

### Briclok A 150mm

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



Declaration Number:	L0065-01-NI
---------------------	-------------

Intended Use:	Tie for connecting new masonry to an existing steel column flange. Suitable for 20-50mm cavities.
Approved Body:	Lucideon Ltd, Queens Road, Penkull, 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):	<b>3280N</b>
Compressive Load Capacity (design cavity):	<b>3290N</b>
Tensile Load Capacity (at min. embedment):	<b>3300N</b>
Capacities given for:	
Overall Wall Tie Length:	<b>150mm</b>
Design Cavity Width:	<b>20-50mm</b>
Minimum Embedment Depth:	<b>Dependent upon application</b>
Minimum Cover to Face of Wall:	<b>20mm</b>
Minimum Mortar Joint Thickness:	<b>10mm</b>
Minimum Mortar Class:	<b>Type M4</b>

## DECLARATION OF PERFORMANCE

<b>Displacement at 1/3 Load Capacity</b>	
In Compression:	0.16
In Tension:	NPD
<b>Failure Modes:</b>	
In Compression:	Bending of tie
In Tension:	Local deformation of steel around 'Notch'
<b>Water Shedding Capacity:</b>	Resistant
<b>Recommended Spacing:</b>	As required
<b>Durability</b>	
Material Coating Reference:	3
Steel Grade:	1.4301/1.4401
<b>Dangerous Substance</b>	None

Signed for and on behalf of the manufacturer by



-----  
 Rune Magnusson  
 Managing Director Europe West & APAC  
 1<sup>st</sup> April 2022

Manufactured by:

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