

DECLARATION OF PERFORMANCE

We hereby declare that the product range identified as,

ZDS, 125-225mm

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



Declaration Number:	L0106-01-NI
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Intended Use:	Wall tie for connecting a new stone leaf to a new masonry inner leaf
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):	2960N
Tensile Load Capacity:	3210N
Capacities given for:	
Overall Wall Tie Length:	125mm-225mm
Design Cavity Width:	Not relevant
Minimum Embedment Depth:	Z' End Not relevant/ 'S' End 50mm
Minimum Cover to Face of Wall:	Z' End Not relevant/ 'S' End 20mm
Minimum Mortar Joint Thickness:	Z' End Not relevant/ 'S' End 10mm
Minimum Mortar Class:	M2
Displacement at 1/3 Load Capacity	

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In Compression:	0.21
In Tension:	0.19
Failure Modes:	
In Compression:	Bending of tie
In Tension:	Pull-out of tie
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

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